

The RADIO DEALER YEAR BOOK

Season 1925-1926

Published by The Radio Dealer, 1133 Broadway, New York City
the Pioneer Monthly Magazine of the Radio Trade.

Preferred By Those Who Know

We offer the manufacturer or jobber a complete line including

- STRAIGHT LINE FREQUENCY CONDENSERS
- STRAIGHT LINE WAVE-LENGTH CONDENSERS
- LO-LOSS CONDENSERS
- MIDGET CONDENSERS
- SUPER JACKS SWITCHES
- 20 - 1 VERNIER DIALS
- SPECIAL MODELS

MADE ON ORDER

PREFERRED RADIO PRODUCTS

are used by leading set manufacturers, distributed by leading jobbers, sold by leading dealers and used by live amateurs everywhere. Their high quality arouses interest and their low price clinches the sale. Send for samples and descriptive literature.

Manufacturers **Ask for Prices!**
Jobbers

PREFERRED RADIO PRODUCTS CORP.

408-412 East 93rd Street, New York, N. Y.

SPARTAN SUPREMACY

Spartan supremacy is now secure throughout the United States. In each large city the dealer will find a stock of Spartan Speakers awaiting his order. However, if your favorite jobber does not handle this splendid line, communicate with us and we will see that you are supplied. A liberal trade discount goes with the Spartan Line—and full list price is maintained from Maine to California.

The following representatives cover their respective districts:

E. V. Griefield	Vicksburg, Miss.
Atlantic-Pacific Agencies Corp.	San Francisco, Los Angeles
G. F. Holland	Boston
Russell Electric Sales Co.	Detroit
Jacobsen & Cross	Chicago
Leonard Kohn	Omaha
Hanger & Fairfield	Cleveland
S. David Thompson	St. Louis



Model G. E.



Spartan Bell

Spartan Speakers

Horn Type G.N...	\$10.00
Horn Type G. E...	13.50
Spartan Bell.....	12.00
Disc Reproducer...	15.00
Consola Model.....	25.00

We make that famous Spartan Automatic Plug.



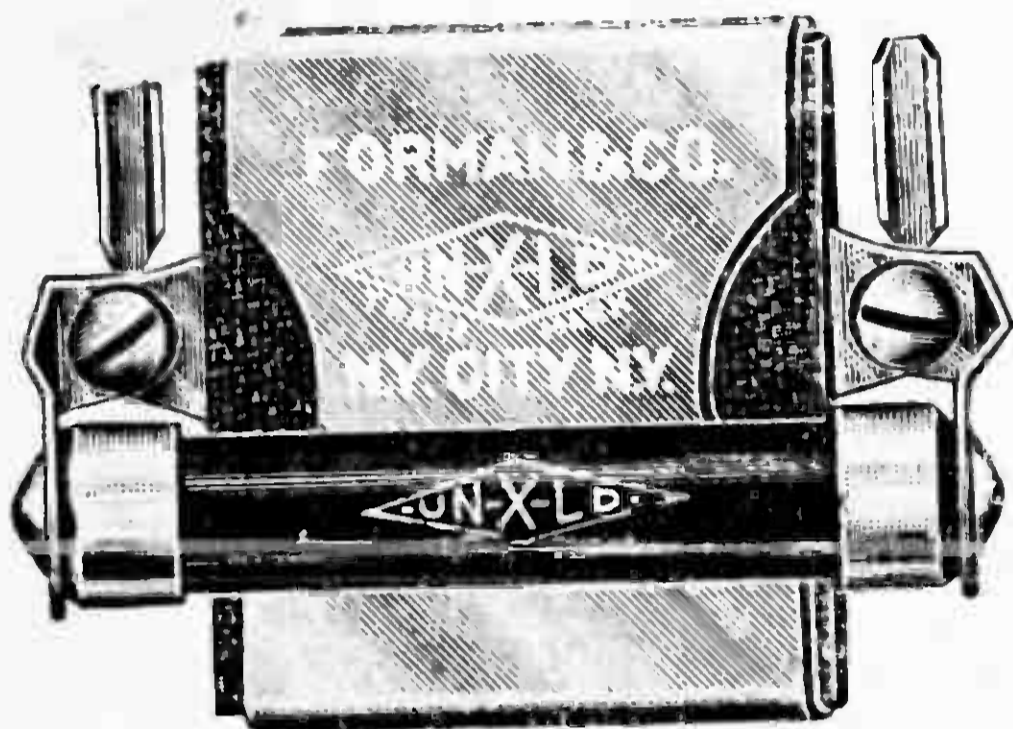
Disc Model

Write for the Spartan Broadcaster.
The latest news in Radio.

Spartan Electric Corp.
99 Chambers St. New York



RADIO ACCESSORIES



Made of selected mica, accurately calibrated and individually tested and rated after finished. Everyone alike, capacity guaranteed.

501-507

MANUFACTURERS!

We specialize in all type coils, Grid Mica Condensers, Rheostats, Automatic Telephone Plugs, Audio Frequency Transformers, V.T. Bakelite Sockets, Grid Leaks, Jacks, etc.

Our enormous production offers you immediate delivery.

Write us for our special proposition.

DEALERS AND JOBBERS!

We now manufacture 3, 4-5 tube UN-X-LD Complete Kits. The 3-tube set consists of detector and 2 stages of audio frequency. It is very efficient and economical, also selective, and will bring in distant stations clearly on a loud speaker, making many satisfied customers—complete with drilled panel and (17) other items.

We also manufacture a complete line of parts. Write for Literature and Discounts.

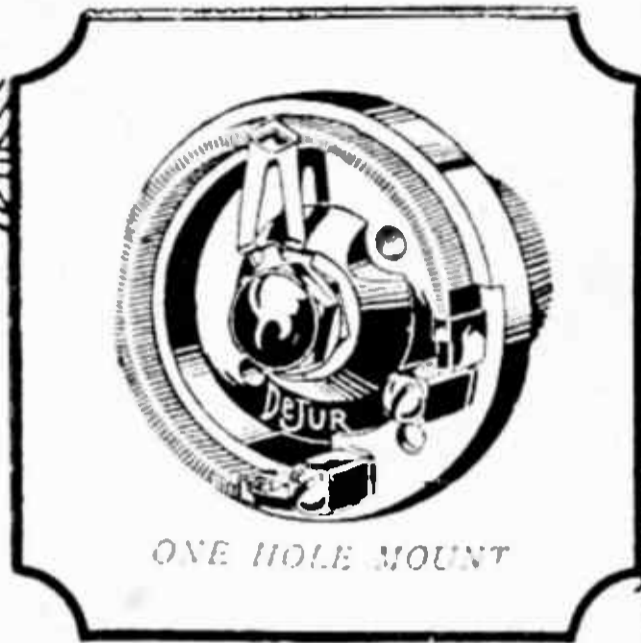
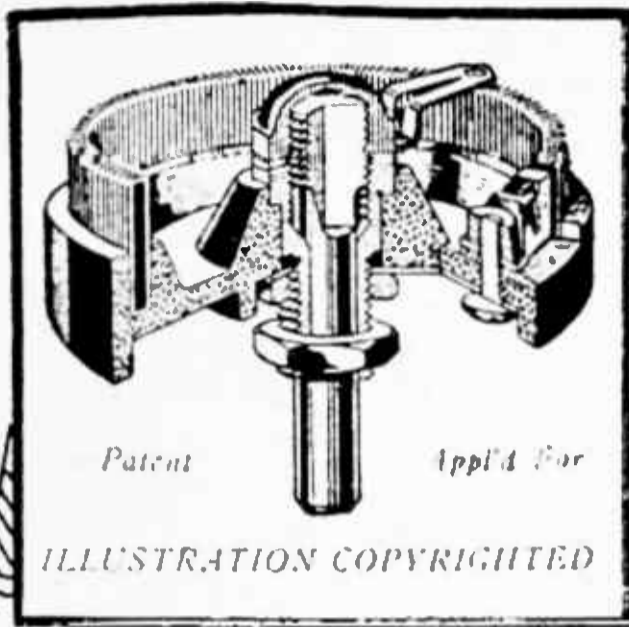
FORMAN & CO.

366 Greenwich St.

New York



TRADE MARK



DeJur

FOR QUALITY AND SERVICE

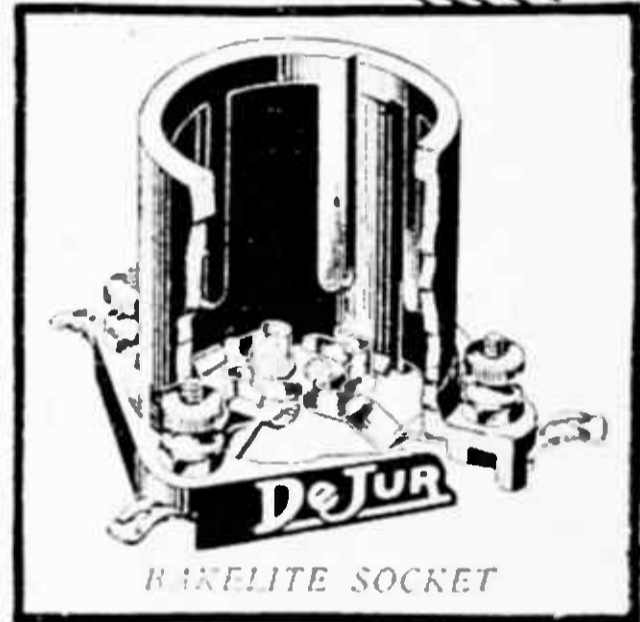
ON TIME DELIVERIES

LOWEST PRICES CONSISTENT WITH QUALITY

DE JUR PRODUCTS ARE USED BY LEADING SET MAKERS

We Manufacture the Following Radio Parts

- | | |
|---|---|
| <ul style="list-style-type: none"> Dials Rheostat Dials Bakelite Rheostats Bakelite Potentiometers One Hole Mounting Bakelite Rheostats One Hole Mounting Bakelite Potentiometers Bakelite Rheostats with Dial Glass Enclosed Grid Leaks Glass Enclosed Variable Grid Leaks Bakelite Grid Leak Mountings Mica Condensers | <ul style="list-style-type: none"> Mica Condensers with Grid Leak Mountings All Bakelite V. T. Tube Sockets Initial or Lettered Binding Posts Telephone Plugs Telephone Jacks Antenna Insulators (Best Obtainable) Vernier Dial Controls Spaghetti or Radio Tubing Telephone Cords Extension Cords Cable Cords |
|---|---|



CATALOGUE

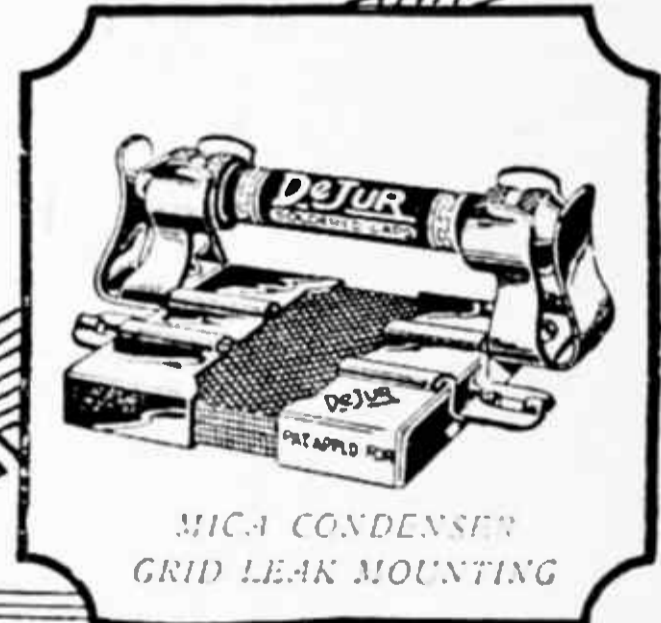
Write for our new catalogue listing and describing the complete line of DeJur guaranteed radio products.



DeJur Jr

COMMERCIAL RHEOSTATS

The DeJur Jr. Commercial Rheostat is manufactured especially for those set manufacturers demanding highly efficient parts at the lowest possible cost.



DeJur Products Co.

199 LAFAYETTE STR. NEW YORK CITY.

Foreword

Steadily developing, the radio industry is growing to a size where it rivals many older industries in importance both of the concerns involved in manufacture, and in the number of these concerns. This development and growth is shown most conclusively by the annual volumes of THE RADIO DEALER YEAR BOOK, this edition representing the fourth publication of this directory. Year by year the increase in number of firms, the slowly decreasing number of items made by each manufacturer, and the higher standard of excellence of apparatus, and the higher standing of the manufacturers, can be marked by an inspection of the lists published in this, the oldest trade directory in the radio field. The publishers of THE RADIO DEALER YEAR BOOK and other trade journals in this industry are proud of the development of the radio industry and also of the fact that the development of THE RADIO DEALER publications has so closely followed the line of improvement in the industry itself. THE RADIO DEALER is proud to be growing with radio, and expects to continue this growth in this growing industry for a long period of years.

Growing With Radio.

As our contribution to making merchandising and buying easier in the radio trade, the publishers believe that this YEAR BOOK, more than any other single factor, has contributed towards making the work of the purchasing agent easier, and permitting him to select his source of supply in the most efficient manner. As the first directory of exclusive manufacturers, THE RADIO DEALER YEAR BOOK has been in constant use by thousands of jobbers, exporters and other large buyers, while retailers in every state have had occasion to advise their customers from reference to the valuable information published in the pages that follow. The Publishers have tried to make this directory more than a mere listing of manufacturers, and more than a mere compilation of lists of firms in the industry. This directory is in fact a *price list and catalog of radio apparatus*. Among the listings of manufacturers of products sold by retail stores will be noted a complete description of every product listed, the list price where the information could be obtained, and the trade mark under which the product is sold. The inclusion of street addresses is another feature of this directory which is neglected in most compilations of this character. The prices in this directory are based on signed and verified information received from the firms listed, and are considered as corrected up to and including September first.

A Catalog of Radio Products.

Every listing in this edition is based on information received directly from the firm listed, the rapid growth and numerous changes in the radio industry making it unwise to attempt to gather information from any other source than the actual firms listed. The work of preparing the listings, delivering to the manufacturer and securing his O.K. on the actual working of the listings as it finally appears has engaged the directory staff of THE RADIO DEALER organization for over three months, and it is a compliment to the efficiency of this staff that the smallest number of errors appears in this edition that has marked any previous volume. As in past years, however, a few notable omissions will be found among the classified lists in this volume. In a few instances these represent items the manufacture of which has been abandoned by the firms formerly listed under these classifications, in other cases they represent manufacturers who have deliberately refused to give additional information to the publishers, or who have declined to confirm or deny the reported information on which we first addressed them. A complicated system of follow up in the compilation of this edition has made these omissions so slight as to be almost unnoticed in the vast accumulation of information that is published. The careful system used in the preparation of this volume, while a drawback in some respects, is of the greatest value to every user of this book, as the greatest faith can be placed on the listings and the utmost assurance had that every listing is accurate and to be relied upon.

The trade marks that are classified throughout the book, arranged in alphabetical order throughout the entire volume, are the result of the expansion and revision of THE RADIO DEALER DIRECTORY OF TRADE MARKS which appeared in the spring of 1925. In these trade marks a number of listings have been retained for firms who no longer are engaged in the radio business, or who have folded their tents and silently passed into the night via the bankruptcy or dissolution route. It might seem at variance with the policy of absolute accuracy which has marked the various directories published by this company, for these listings to be continued after the demise of the concern. It has been noted, however, that the trade mark lists as published by THE RADIO DEALER in the past have been referred to by manufacturers who are choosing new trade marks for new products, and the very inclusion of these ancient marks that perhaps may now be in ill repute have prevented many manufacturers from saddling an excellent product with a trade mark which sounds good, but which bears the stigma of a failure or of a poor merchandising policy. Another justification of the inclusion of these trade marks can be found in the number of inquiries that are received each month for merchandise manufactured by firms no longer actively engaged in the manufacture of radio apparatus. Many dealers still have stocks of these goods and in justice to them we have adopted

a policy of continuing the listing of a trade mark for twelve months after the firm abandons the mark, the product, or the industry.

Practically every radio manufacturer has announced his models for the fall trade and it is expected that this edition of the YEAR BOOK will carry more accurate information that will be of value throughout the entire season than were it published at any other time of the year. Additions, changes and corrections can easily be made by monthly reference to the Radio Dealer Catalog of New Apparatus which appears as a section of THE RADIO DEALER each month.

Criticisms, corrections and ideas for the improvement of this volume will be welcomed at all times by

—THE EDITORS.

Deje Que Nuestra Seccion De Informes Gratuita Lo Ayude a Proveerse

Comuniquenos lo que desea y le pondremos en contacto con firmas de reputacion conocidas a fin de que Ud. reciba informaciones referente a los ultimos y mejores equipos. Una tarjeta postal o el cupon al pié es suficiente.

- | | |
|--|--|
| 1 "A" Baterias, pilas secas | 186 Conectores multiples para fónos |
| 151 Acopladores sueltos | 72 Cordones para fónos |
| 271 Acopladores variables | 77 Cristales, Galena |
| 187 Adaptadores para fonos | 81 Cristales, Galena, detectores |
| 230 Adaptadores para porta tubos | 78 Cristales sintéticos |
| 165 Aislacion moldada | 87 Cuadrantes micrométricos |
| 142 Aisladores | 84 Cuadrantes, numerados |
| 3 Aisladores para antena | 82 Detectores Cristal, Galena, fijos |
| 83 Ajustadores de cuadrantes (numerados) | 89 Diafragmas, mica |
| 40 Alambre de contacto para galena (cristales) | 94 Dinamo motor |
| 285 Alambre aislado | 97 Electrólitos |
| 286 Alambre, Litz | 98 Emblemas |
| 287 Alambre induccion | 189 Enchufes para teléfonos |
| 282 Alambre para antenas | 23 Enrejado para ventanillas (observar tubos) |
| 152 Altoparlantes | 201 Enrollado para reostatos |
| 10 Amperímetros | 33 Equipo para transmisores |
| 8 Amplificadores | 150 Estuches para armar receptores |
| 4 Antenas | 125 Fónos |
| 5 Antenas de cuadro | 111 Fusibles |
| 279 Argollas | 36 Gabinetes |
| 212 Atornilladores | 112 Generadores de alta frecuencia |
| 11 "B" Baterias, pilas secas | 134 Hidrómetros |
| 92 Barrenos electricos | 156 Imanes |
| 200 Bases para reostatos | 159 Instrumentos para medir |
| 14 Baterias Acumuladores | 245 Interruptores |
| 13 Baterias, celdas secas | 252 Interruptores para contacto de tierra |
| 17 Baterias, partes de | 251 Interruptores para filamento (tubos, ampolletas) |
| 42 Bobinas | 253 Interruptores de induccion |
| 240 Bobinas de induccion para chispa | 255 Interruptores sencillos y dobles |
| 48 Bobinas tipo panal | 241 Intervalo de descarga (chispa) |
| 128 Bocinas | 29 Libros |
| 36 Cajas (estuches) | 148 Llaves Transmisoras |
| 15 Cargadores de baterias | 157 Magnetizadores |
| 93 Celdas secas | 214 Maquinas atornilladoras |
| 147 Clavijas | 102 Maquinas para grabar |
| 62 Condensadores fijos (papel o mica) | 194 Maquinas perforadoras |
| 66 Condensadores con ajuste micrometrico | |
| 65 Condensadores variables de aire | |
| 96 Conecciones para tierra | |

- 160 Megómetros
- 122 Merceria para cajas (estuches)
- 162 Mica
- 164 Milliametros
- 166 Moldes
- 177 Omeómetros
- 280 Ondímetro
- 234 Pararayos
 - 55 Partes para condensadores
- 246 Partes para interruptores
- 238 Pasta para soldar
- 174 Placas con nombres (indicadoras)
- 127 Planos, croquis
- 231 Porta Tubos
- 191 Postes para antena
- 192 Potenciómetros
 - 41 Practicadores para telegrafía
 - 67 Puntas de contacto
- 215 Receptores
- 217 Receptores desarmados
- 216 Receptores de galena (cristal)
- 225 Receptores para onda corta
- 219 Receptores portables
- 220 Receptores de radio frecuencia
- 221 Receptores reflejos (cristal y tubos)
- 222 Receptores regenerativos
- 202 Reostatos
- 208 Reostatos micrométricos
- 115 Resistencias de rejilla
- 117 Resistencias de rejilla, variables
- 281 Selectores (trampas par evitar interferencia)
- 236 Soldadura
- 237 Soldadores electricos
- 166 Soportes
- 172 Soportes para bobinas tipo panal
- 123 Soportes para fonos
- 231 Soquetes
 - 22 Substitutos de baterias
- 180 Tableros perforados y sin perforar
 - 71 Terminales para cordones
 - 24 Tornillos para terminales
- 262 Transformadores de Fuerza
- 263 Transformadores dobles (accion doble)
- 264 Transformadores de alta frecuencia
- 259 Transformadores de baja frecuencia
- 227 Transmisores
- 266 Transmitedores
- 239 Tubos aisladores de Cambray
- 268 Tubos al vacio
- 176 Tuercas
 - 80 Unidades detectoras
- 153 Unidades para altoparlantes (diafragmas)
 - 9 Unidades para amplificadores
- 150 Unidades, piezas para tableros
- 119 Uniones para contacto de tierra (grapa)
- 275 Variómetros
- 277 Varniz para insulacion
- 35 Vibradores
- 278 Voltímetros
- 106 Zunchos

Anóte el número del Item. que desea pedir en el cupon que insertamos mas abajo y envíelo por correo.

----- Cortese aqui -----

Seccion Informes		
THE RADIO DEALER		.....
1133 Broadway, New York City		.....
Tenemos interes en comprar accesorios para radio, rogamos a Uds. pidan a los Manufactureros y Exportadores nos cotizen precios.		.....
Nombre.....		.....
Calle.....		.....
Ciudad.....		.....
Pais.....		.....
<i>Somos:</i>	Importadores	.....
Agentes	Casa Venta al por Mayor	.....
Manufactureros	Casa Venta al por Menor	.....

The Radio Dealer YEAR BOOK

1925-1926

EDITORIAL STAFF

LAURENCE A. NIXON, *Editor*

Associate Editors

BERNARD FREEDMAN WALTER A. SCHILLING
C. W. NIXON

Editorial Assistants

V. E. TIBBENS M. SMITH R. YAGED
C. DOWNING R. L. THORNLEY E. MORRIS
R. CORNALIS

The publishers of THE RADIO DEALER YEAR BOOK also issue THE RADIO DEALER, a monthly magazine, covering the interests of the radio trade, and THE RADIO MANUFACTURER, a weekly trade journal covering the radio industry.

* * *

The Radio Dealer Co., Harry M. Konwiser, President; Laurence A. Nixon, Manager; Walter A. Schilling, Managing Editor; C. W. Nixon, Editor; J. Maurice Casper, Business Manager; Sanford L. Cahn, Advertising Manager; C. L. Geesey, Western Advertising Manager.

* * *

Representatives in the trade: H. E. Bennett, Geo. Ansbro, C. C. Minier, J. L. Peck, C. W. White.

Publication offices: 1133 Broadway, New York City, Tel. Watkins 8926-7; Branch offices at: 35 S. Dearborn Street, Chicago, Tel. Harrison 8050; 1116 Chapman Bldg., Los Angeles, Cal., Tel. Los Angeles 12050; 512 Pacific Bldg., San Francisco, Cal., Tel. Sutter 954.

THE RADIO DEALER YEAR BOOK

1925-1926

- A (within diamond)—Adbrin Laboratories, 469 Broad St., Newark, N. J.—Mounted and unmounted crystals.
- AAA—E. C. Atkins & Co., S. Meriden St., Indianapolis, Indiana. —Hack saw frames; hack saw blades; screw slottings; saws; circular saws; hand saws.
- A-1—California Radio Minerals, 904 Oak Grove Ave., Burlingame, Calif.—Crystals, mounted and unmounted, cat whiskers.
- AB (in Octagon)—Allen-Bradley Co., 469 Clinton St., Milwaukee, Wis.
- ABANITE—Campbell Fibre Co., Stanton, Del.—Panels, dials, moulded and stamped insulation.
- ABAROID—Campbell Fibre Co., Stanton, Del.—Fibre, vulcanized.
- A BATTERIES (see Batteries, A dry cell; Batteries, A storage)
- A BATTERY CHARGERS (see Battery chargers)
- A BATTERY ELIMINATORS (see Current supply devices)
- ABC—Advance Battery Corp., 109 Prince St., New York City.—Batteries "C" dry cell. "B" dry cell.
- A B C HANDY—Lenk Mfg. Co., 20 Merrimac St., Boston, Mass.—Soldering irons.
- ABE LINCOLN—New Jersey Radio Supply Co., 76 Springfield Ave., Newark, N. J.—Loud speakers.
- ABINGDON—Abingdon Mfg. Corp., Abingdon, Ills.—Cabinets.
- THE A C B SUPPLY—Waco Radio Co., 1066 Mission St., San Francisco, Calif.—Current
- ACCURATONE—Mydar Radio Co., 9 Campbell St., Newark, N. J.—Headsets, loud speakers, controls.
- ACCURATUNE—Mydar Radio Co., 9 Campbell St., Newark, N. J.—Micrometer controls, rheostats and dials, auxiliary tuners, variable condensers, variocouplers, vernier dials, loud speaker units, wave traps.
- A-C DAYTON—The A. C. Electrical Mfg. Co., Dayton, Ohio.—Receiving sets and kits.
- ACE—Carbon Products Co., Lancaster, Ohio.—"A," "B" and "C" batteries.
- ACE—The H. H. Eby Mfg. Co., 40 S. Seventh St., Philadelphia, Pa.—Insulated binding posts.
- ACE JUNIOR—H. H. Eby Mfg. Co., 40 South 7th St., Philadelphia, Pa.—Knobs.
- A C H—A. C. Haydon Radio & Research Co., Brockton, Mass.—Tuners, tuning coils, receiving sets, vernier dials.
- ACID (see Electrolyte)
- ACME—Acme Apparatus Co., 37 Osborn St., Cambridge, Mass.—Coils, special condensers, special transformers, coils, inductances, rheostats, variable condenser, loud speaker, potentiometers, etc.
- ACME—Batteries, 1830 Madison City.—"B" storage batteries.
- ACME—The Acme Elec. & Mfg. Co., 1444 Hamilton Ave., Cleveland, Ohio.—Battery chargers.
- ACME—The Acme Engineering Co., Louisville, Ky.—Battery chargers, battery eliminators, tuning coils.

A-C DAYTON

A-C DAYTON—The A. C. Electrical Mfg. Co., Dayton, Ohio.—Receiving sets and kits, condensers, variometer.

ACE—American Hard Rubber Co., 11 Mercer St., New York City.—Horns, panels.

ACME—The Acme Elec. & Mfg. Co., 144½ Hamilton Ave., Cleveland, Ohio.—Electrical machinery, dies, tools, gauges.

ACME—Acme Rubber Mfg. Co., E. State St., Trenton, N. J.—Tubing.

ACME—The Acme Wire Co., New Haven, Conn.—Wire spaghetti.

ACME KITSET—Acme Apparatus Co., 37 Osborn St., Cambridge, Mass.—Kits.

ACME SPECIAL—Wright Radio Mfg. Co., 1466 Selby Ave., St. Paul, Minn.—Receiving.

ACTON—Altown Corporation, Elicott Square, Buffalo, N. Y.—Battery chargers.

ACCURACY FIRST—Harry H. Hahn Mfg. Co., 627 S. San Pedro St., Los Angeles, Calif.—Special radio parts to order, molded bakelite, die castings, stampings, tools, dies and molds.

ADAMS—Adams Morgan Co., Upper Montclair, N. J.—Battery rechargers, amplifiers.

ADAMS PERFECTED—Adams Radio Mfg. Co., 1044 W. Van Buren St., Chicago, Ills.—Jacks, switches, binding posts, name plates.

ADAPTAHONE—The Teagle Co., 1125 Oregon Ave., Cleveland, Ohio.—Phonograph attachments, rubber phonograph adapters.

ADAPTERS, AERIAL (see Aerials)

ADAPTERS, DRY CELL TUBE (see Socket adapters)

ADAPTERS, PHONOGRAPH (these devices are not loud speakers or phonograph units)

Alto Mfg. Co., 1647 Wolfram St., Chicago, Ills. **ALTO**. \$2.00.

Atlas Colonial Corp., East Avenue and 10th Street, Long Island City, N. Y. **ATLAS**. S.R.S.

Blood Tone Arm Company, 222 W. Madison St., Chicago, Ills. **MAS-TERTONE**.

Bridgeport Brass Company, Bridgeport, Conn. Loud speaker.

J. H. Bunnell & Company, 32 Park Place, New York City. **BUNNELL**.

Columbia Phonograph Company, 1819 Broadway, New York City. **COLUMBIA**. \$5.00.

Ekko Company, 111 W. Monroe St., Room 209, Chicago, Ills. **EKKO**. Single, \$1.75; double, \$2.75.

ADVANCE

Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ills.

Liberty Metal Prod., Berea, Ohio. **BEAN RADIO** to order.

The Magnavox Company, 2725 E. 14th St., Oakland, Calif. **TELE-MEGAPHONE**.

May Rubber Company, 826 Arch St., Philadelphia, Pa. **MAY**.

National Light & Electric Company, 59 Lafayette St., Newark, N. J. **NATIONAL**.

Radio Industries Corp., 131 Duane St., New York City. **RICO**. Single, 50c.; double, 75c.

Steinite Laboratories, Radio Bldg., Atchison, Kans. Phonograph attachments, \$1.50.

The Teagle Co., 1125 Oregon Ave., Cleveland, Ohio. **ADAPTAHONE**. Rubber, 50c.

Waterbury Button Co., Waterbury, Conn.

Westphal Mfg. Laboratory Co., 80 E. Jackson Blvd., Chicago, Ills. **WESTPHAL ADAPTER**. \$2.50.

ADAPTERS, SOCKET (see Socket adapters)

ADAPTO—L. R. Donehue Co., Perth Amboy, N. J.—Wood cabinets, console and highboy type.

"**ADD-A-MICRO**" — The Marshall Gerken Co., 25 Ontario St., Toledo, Ohio.—Condensers.

ADDRESSING SERVICE (also see Mailing lists)

The Radio Dealer Service Bureau 1133 Broadway, New York City.

ADJUSTERS, DIAL (see Vernier devices)

ADLER-ROYAL — Adler Manufacturing Co., 881 Broadway, New York City.—Neutrodyne receivers, loud speakers, radio phonograph combinations.

ADMIRAL—Admiral Electric Corp., N.E. cor. Paynter Ave. and Blvd., Long Island City, N. Y. —Condensers, variable.

ADROIT JUNIOR—Adroit Tool Co., Inc., 14 Front St., New York City. —Electric soldering iron.

ADVANCE—Advance Battery Corp., 109 Prince St., New York City.—"B" dry cells

ADVANCE—Eldrege Electric Mfg. Co., Springfield, Mass.—Voltmeters, ammeters.

ADVANCE—Advance Electric Co., 1260 W. Second St., Los Angeles, Calif.—Detectors, crystals, receiving sets.

ADVANCE NEUTROWOUND—Advance Automobile Accessories

ADVANCE (Continued)

Corp., 1721 Prairie Ave., Chicago, Ills.—Receiving sets.

ADVANCE POCKET — Eldredge Electric Mfg. Co., Springfield, Mass.—Ammeters, voltmeters.

A. E. M.—A. E. Moeller Co., 261 Sumpter St., Brooklyn, N. Y.—Hydrometers.

AEOLUS—Parker-Aeolus Corp., 161 Grand St., New York City.—Receiving sets, terminals, rheostats, potentiometers, battery clips, receiving sets.

AERIAL INSULATORS (see Insulators)

AERIAL MASTS (see Towers)

AERIAL PROTECTORS (see Lightning arresters)

AERIAL TOWERS (see Towers)

AERIAL WIRE (see Wire; Aerials)

AERIALS (Indoor, outdoor, patent, kits)

Amoros. Mfg. Co., 14 Sears St., Boston, Mass. **NIFTY LOOP**. Collapsible. Nifty Jr. \$7.50. Nifty C, \$18.00.

Amplifex Radio Corporation, 39 Massachusetts Ave., Arlington, Mass. Collapsible loop. \$4.00 to \$12.00.

Antennaphone Co., 90 West St., New York City. **ANTENNA-PHONE**. Disc to go under telephones. Complete with wire, \$1.00.

Apex Stamping Co., Riverdale, Ills. **JIFFY**. Ribbon antenna. \$1.50.

Belden Mfg. Co., 23rd St. and Western Ave., Chicago, Ills. **BELDEN ENAMEL**. Single strand or 7 strand: enameled coffers.

Berling Magneto Co., Inc., Laird Ave. at Ontario St., Buffalo, N. Y. **"BERLING" LOOP**.

Bodine Electric Co., 2254 W. Ohio St., Chicago, Ills. **BODINE BASKET WEAVE**. Loop, \$8.50, \$10.00. Also folding loop.

J. T. Boone Radio Corp., 3469 E. Jefferson Ave., Detroit, Mich. **BOONE SUPER FOLDING LOOP AERIALS**.

L. S. Brach Mfg. Co., 129 Sussex Ave., Newark, N. J. **BRACH**. Aerial outfits.

Carter Radio Company, 300 South Racine Ave., Chicago, Ills. **CARTER**. Loop aerial, No. LA-1, \$15.00.

Deutschmann Co., Tobe C., 46 Cornhill Rd., Boston, Mass. **DTW**. Loop aerials.

Dubilier Condenser & Radio Corp., 4337 Bronx Blvd. at W. 238th St., New York City. **DUCON**. Antenna pug, \$1.50.

AERIALS

Durban Electric Co., 400 N. Laramie Ave., Chicago, Ills. **DURBAN**. Brass spring aerials.

Eagle Elec. Mfg. Co., 38 S. 8th St., Brooklyn, N. Y. **EAGLE**. Ribbon.

Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills. **ERLA**. Loop, collapsible, \$7.50; without base, \$5.50.

Electrical Research & Mfg. Co., Waterloo, Iowa. Loop. Type A, \$8.50; K, \$10.00.

Chas. Fischer Spring Co., 240 Kent Ave., Brooklyn, N. Y. Spring type.

Fishwick Radio Co., Edwards Bldg., Cincinnati, Ohio. **EFFARSEE**. Portable, multiple strand.

M. M. Fleron & Son, Inc., 113 N. Broad St., Trenton, N. J. **FLERON**. Aerial No. 350, \$3.50; No. 500, \$5.00.

Forman & Co., 366 Greenwich St., New York City. **UN-X-LD**. Brass. Indoor coil. 100 ft. 1-in. diam., 55c.

Chas. Freshman Co., Inc., 240 W. 40th St., New York City. **ANTENNELLA**. Antenna plug, \$1.25.

W. B. Haller, 2100 Sarah St., Pittsburgh, Pa. **HALLERIO**. Loop. Double loop, furnished with leads and tuning knobs, \$6.00.

The Hartman Electric Mfg. Co., 31 E. 5th St., Mansfield, Ohio. **HARTMAN** loop.

Hearwell Electric Co., 53 Devonshire St., Boston, Mass. Antenna plugs, \$1.00.

Herzog Radio Co., 722 Atlantic Ave., Brooklyn, N. Y. **HERZOG UNILATERAL LOOP**.

Hy-Sil Mfg. Co., 200 5th Ave., New York City. **RADIO RIBBON**. Indoor. 75c. per 100 ft.

Interstate Signal Co., Columbus, Ohio. Indoor. 12 wire; cage type.

Korach Radio Co., 20 E. Jackson Blvd., Chicago, Ills. **KORACH TUNED LOOP**. Collapsible, \$18.50; **KORACH JUNIOR LOOP**, \$12.50.

Lincoln Radio Corp., 224 N. Wells St., Chicago, Ills. **LINCOLN**. Loop, collapsible, \$8.00, \$6.50.

Mack Company, 1940 DeLancey St., Philadelphia, Pa. **MACK SPRING Aerial**, "weather coated." Outdoor or indoor use. Equipped with solderless lead-in connection, \$1.25.

Manhattan Electric Supply Co., Inc., 17 Park Place, New York City. **RED SEAL**, collapsible loop; **RED SEAL** map loop aerial.

AERIALS (Continued)

Mast Lightning Rod Co., Lock Box 41, West Milton, Ohio. **MAST ALL COPPER SECTIONAL ANTENNA.**

Mathiesen-Sandberg Company, 5000 Ravenswood Ave., Chicago, Ills. **MATHIESEN De Luxe** loop aerials. List, \$12.50.

R. A. McKinney, Union Trust Bldg., Pittsburgh, Pa. **ETHEROLA** Patent.

Morris Register Company, Council Bluffs, Iowa. **MORRIS.**

Frank W. Morse Company, 289 Congress St., Boston, Mass. **MORSE.** Loop.

Music Master Corp., 128 N. 10th St., Philadelphia, Pa. Loop. **MUSIC MASTER.** \$10.00.

Nassau Radio Co., Inc., 60 Court St., Brooklyn, N. Y. **NASSAU LOOP TUNER.** \$10.00 and \$15.00.

J. Nazeley Co., 571 Hudson St., New York City. Folding loop. **PORTENA. SELECTO. SUPORTENA.** \$9.00.

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Permanco Mfg. Corp., 1114 DeKalb Ave., Brooklyn, N. Y. Spring and ribbon type. **PERFECTION LENZ** Duplex antenna and spring aerials.

Phillips Labs., 1602 Robinson Road, Grand Rapids, Mich. **ULTRA ANTENNA.** Hoop shaped loop with compass.

Philmore Mfg. Co., 105 Chambers St., New York City. **AJAX.** Indoor.

Radio Appliance Lab., 4884 N. Clark St., Chicago, Ills. **FIAT.** Loop.

Radio Corp. of America, Woolworth Bldg., New York City. Loop. Model A. CO., 814 \$12.00.

Radio Receptor Co., Inc., 106 7th Ave., New York City. **RECEPTRAD. R. R. Co. PRODUCTS.** Loop.

Radio Units, Inc., Maywood, Ills. **DUO SPIRAL.** Loop, 24-inch size, \$8.50; 18-inch size, \$8.50.

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Remo Corp., Meriden, Conn. **REMOFONE.** Indoor. \$1.00; for use under telephone.

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Wheeler Mfg. Company, 970 Montana St., Chicago, Ills. **WHEELER.** Loop.

AERO COIL—Aero Products Corp., 1772 Wilson Ave., Chicago, Ills.—Radio frequency coils.

AEROKING — Stewart - Warner Speedometer Corp., 1826 Diversey Blvd., Chicago, Ills. — Receiving sets.

AEROTONE—Wheeler Mfg. Co., 970 Montana St., Chicago, Ills.—Receiving sets.

AEROVOX—Aerovox Wireless Corp., 489 Broome St., New York City.—Switches, switch parts, receiving sets, rheostats, resistances, antenna plugs, crystal detectors, grid leaks, binding posts, fixed mica condensers, coils, contact points, plugs, potentiometers, audio frequency amplifiers, sliders, switch points, switch stops, by-pass condensers, levers, crystal, transformers.

AERWIN—Aerwin Electric Co., 1008 Springfield Ave., Irvington, N. J.—Variometers, vario-couplers, audio frequency transformers, sockets.

AFCO—American Fabric Co., Inc., 46 Baker St., Providence, R. I.—Cords.

AFD—Wolverine Mfg. Co., 603 E. Water St., Milwaukee, Wis.—Transformers.

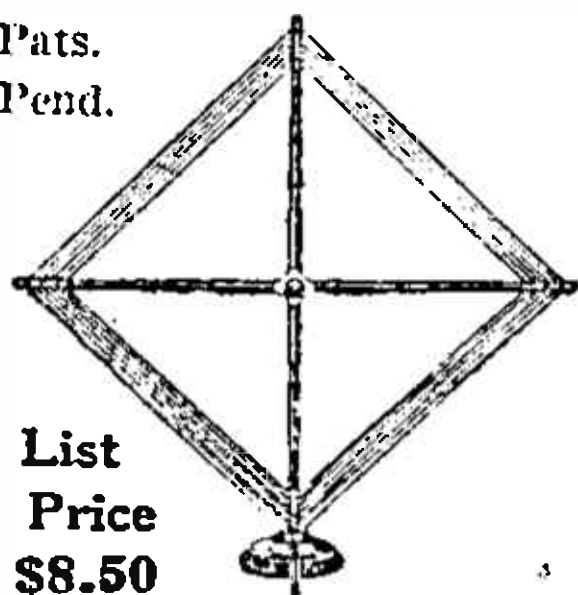
AFTER DINNER SPEAKER—Hart & Hegeman Mfg. Co., Hartford, Conn.—Loud speakers.

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AICO—American Insulator Corp., New Freedom, Pa.—Insulators, knobs, molded insulation, rheostat bases, sockets.

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AIR KEY—Henry C. Roberts Radio Co., 112 Trinity Place, New York City.—Receiving sets, tuners.

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AIR-WAY—Airway Electric Appliance Corp., 619 Broadway, Toledo, Ohio.—Receiving sets, variometers, condensers, transformers, variocouplers, panel bezels.

AITKIN—Aitkin Radio Co., 502 Superior St., Toledo, Ohio.

AJAX—Ajax Electric Co., 18 Palmer St., Cambridge, Mass.—Transmitting keys, lead-ins, antennae.

AJAX—Ajax Electric Specialty Co., 1011 Market St., St. Louis, Mo.—Head band, receivers, regular and multi plugs, radio jacks, variable condensers, contact points, cords, headsets, crystal detectors, dials, multiple phone connectors, plugs, lightning arresters, crystals, stop points, switch parts.

AJAX—Ajax Products Co., 22 Warren St., New York City.—Potentiometers, rheostats, variable condensers, phonograph attachments, fixed phone and grid leaks, condensers, crystal detectors.

AJAX—Philmore Mfg. Co., 105 Chambers St., New York City.—Electrical test clips, phonograph adapters, vernier attachments, loud speaker units, tubing, fixed condensers, jacks, indoor aeriels, tips, binding posts, strips, crystal detectors, rubber phone cushions, telephone cords, bus bar wire, terminals.

AJAX—Russell Fraser Wire Co., Maspeth, L. I., N. Y.—Wire Products, radio frequency coils.

AJAX PRODUCTS ARE STANDARD—Ajax Products Co., 22 Warren St., New York City.—Complete line of small parts.

A. K. (in circle)—Atwater Kent Mfg. Co., 4720 Wissabrickon Ave., Philadelphia, Pa.—Receiving sets and parts.

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- ALL AMAX SENIOR**—All American Radio Corp., 2680 Coyne St., Chicago, Ills.—Kits.
- ALL AMERICAN**—All American Radio Corp., 2650 Coyne St., Chicago, Ills.—Audio frequency transformers, radio frequency transformers, couplers, sockets.
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- ALLEN** (in reverse)—L. B. Allen Co., Inc., 4553 N. Lincoln St., Chicago, Ills.—Soldering flux, solder sticks, solder paste, solder salt, solder liquid oil, solder aluminum, solder and flux, soldering tools.
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- ALL GRID**—Superior Coil Co., Harwick Port, Mass.—Grid leaks, mountings.
- ALLIED**—Allied Magnet Wire Corp., Indianapolis, Ind.—Wire.
- ALLIED**—Allied Radio Co., Inc., 108 Greenwich St., New York City.—Cabinets.
- ALLIED SUPREME**—Allied Radio Co., Inc., 108 Greenwich St., New York City.—Panels.
- ALLISS**—Alliss Mfg. Co., 4049 Diversey Ave., Chicago, Ills.—Tubes.
- ALLOY** — Alloy Metal Wire Co., Grand Central Terminal, New York City.—Wire.
- ALL SURFACE**—All Surface Wire Co., Newark, N. J.—Wire.

AMEREX

- ALL WAVE**—Shepard Potter Corp., Plattsburgh, N. Y.—Variocouplers, tuners.
- ALPHA**—Alpha Radio Supply Co., Inc., 656 Broadway, New York City.—Insulated tubing, spaghetti, insulated bus bar wire.
- ALPHA "SPECIAL" SPAGHETTI** —Alpha Radio Supply Co., 611 Broadway, New York City.—Spaghetti tubing.
- ALSEY**—Aley Radio Mfg. Co., 122 Fifth Ave., New York City.—Dies, die castings, foil, rivets, rod screw machine products, sheets, wire.
- ALTO**—Alto Mfg. Co., 1647 Wolfram St., Chicago, Ills. — Phonograph adapters.
- ALUMINUM COMPANY OF AMERICA**—Aluminum Co. of America, 120 Broadway, New York City.—Aluminum in all forms.
- AMATEUR**—Jewell Electrical instrument Co., 1640 Walnut St., Chicago, Ills.—Wave meters.
- AMBASSADOR**—Ambassador Sales Co., 108 Greenwich St., New York City.—Tuning coils, phones, variable condensers.
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- AMBLER**—Telenduron Co., Butler Ave., Ambler, Pa.—Molded insulation, molded material.
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- AMENITE**—American Steel & Wire Co., 208 S. La Salle St., Chicago, Ills.—Insulated wire.
- AMEREX ACE**—Amerex Electric Corp., 232 Greenwich St., New York City.—5 tube tuned radio frequency receivers.

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AMERICAN—American Accumulator Co., Inc., Owatonna, Minn.—“A” storage batteries, “B” storage batteries, connections, terminals.

AMERICAN—American Battery Co., 2055 N. Racine Ave., Chicago, Ills.—“A” storage batteries.

AMERICAN — American Cabinet Works, Belmar, N. J.—Cabinets.

AMERICAN—American Electric Co., State and 64th St., Chicago, Ills.—Arresters, lightning indoor.

AMEROID—American Electric Co., Inc., 233 Prospect St., Newark, N. J.—Binding posts, dials, head set caps, insulators, knobs, molded insulation, vacuum tube sockets.

AMERICAN — American Insulated Wire & Cable Co., 954 W. 21st St., Chicago, Ills.—Wire, weather proof for lead-in wire.

AMERICAN — American Interstate Radio Service, -83-5 Greenwich St., New York City.—Receiving sets.

AMERICAN—American Radio Cabinet Co., Grand Rapids, Mich.—Cabinets and furniture for radio.

AMERICAN—American Radio Mfg. Co., 107 E. 13th St., Kansas City, Mo.—Phones, variable condensers, fixed condensers, rheostats.

AMERICAN — American Radio phone & Mfg. Co., 26 Prospect St., Newark, N. J.—Headsets, loud speakers, loud speaking units.

AMERICAN—American Radio Tube Works, 23 Central Ave., Newark, N. J.—Tubes.

AMERICAN—Cambridge Instrument Co., Inc., Grand Central Terminal, New York City.—String galvanometers, wheatstone bridges.

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AMERICAN BELL—The American Bell Radio Co., Inc., 316 75th St., Brooklyn, N. Y.—Condensers.

AMERICAN BRAND — American Brand Corp., 8 W. Park St., Newark, N. J.—Variable condensers.

AMERICAN ELECTRIC CO. — American Electric Co., State and 64th Sts., Chicago, Ills.—Microphones, cords, plugs.

AMERICAN LAVA CORPORATION—American Lava Corp., Williams St., Chattanooga, Tenn.—Insulators.

AMMETERS

AMERICAN PORCELAIN CO. — American Porcelain Co., 220 Second St., East Liverpool, Ohio.—Insulators.

AMERICAN STANDARD — American Standard Mfg. Co., Cincinnati, Ohio.—Radio signs.

AMERICAN WALNUT—American Walnut Mfgs. Ass'n, 616 S. Michigan Ave., Chicago, Ills.—Lumber, panels for boxes and cabinets, veneers.

AMERTRAN — American Transformer Co., 178 Emmett St., Newark, N. J.—Audio frequency transformers.

AMERTRON—American Radio Labs. Inc., 345 Washington St., Newark, N. J.—Vacuum tubes.

AML—American Mechanical Labs. Inc., 285-287 No. 6th St., Brooklyn, N. Y.—Metal parts, metal stampings, dies, tools, specialty machinery, loud speakers, head sets, sockets, socket shells, contact points.

AMMETERS

Burton Rogers Company, 26 Brighton Ave., Boston, Mass. Hoyt meters.

Dongan Electric Mfg. Company, 2987 Franklin St., Detroit, Mich. **DONGAN.** For panel mounting. 0-5 amp. and 0-10 amp.

Eldredge Electric Mfg. Co., Springfield, Mass. **ECLIPSE BATTERY**, \$2.00; **ADVANCE POCKET**, \$6.50; **ADVANCE PANEL**, \$8.00.

Fore Electrical Mfg. Co., Inc., 5255 N. Market St., St. Louis, Mo. **FORE.** \$1.75.

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The Hickock Electrical Instrument Company, 10514 Dupont Ave., Cleveland, Ohio. **HICKOK.**

Mann & Briggs Mfg. Co., Wabash Ave. at 21st St., Chicago, Ills.

Readrite Meter Works, 136 N. Main St., Bluffton, Ohio. **READRITE.** Pocket style, \$1.00 to \$1.50; panel mounting, \$1.00 to \$1.50.

Roller Smith Company, 235 Broadway, New York City. **P.V.**

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- AMPCO—Ampco Twist Drill & Tool Co., 18th and Howard Sts., Detroit, Mich.—Drills, twist.
- AMPERITE—Radiall Co., 654 Grand Ave., New Haven, Conn.—Automatic filament current adjusters.
- AMPIOLA—Cadillac Radio Manufacturing Co., 1141 Pingree Ave., Detroit, Mich.—Receiving sets.
- AMPIOLA GRAND—Cadillac Radio Manufacturing Co., 1141 Pingree Ave., Detroit, Mich.—Receiving sets.
- AMPLEFIER — Malone - Lemmon Laboratories, 342 Madison Ave., New York City.—Rheostats.
- AMPLEX—Amplex Instrument Laboratories, 88 West Broadway, New York City.—Transformers, variable grid condensers, inductance switches, rheostats, receiving sets.
- AMPLICITE—Bernays Johnson Radio Co., 481 Broad St., Newark, N. J.—Mounted crystals.
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- The Bristol Company, Waterbury, Conn. BRISTOL. Power. One-stage, \$22.00.
- Bruno Radio Corp., 222 Fulton St., New York City. Audio. BRUNO. No. 6, \$30.00.
- Daven Radio Corp., 158 Summit St., Newark, N. J. DAVEN RADIO. Resistance coupled, \$15.00. Three stages.
- DeWitt LaFrance Company, Inc., 54 Washburn St., Cambridge, Mass. SUPERADIO. Three-in-one audio amplifier unit, \$7.00. Two-in-one detector unit, \$2.50.
- Eisemann Magneto Corp., 165 Broadway, New York City. EISEMANN. Radio frequency amplifying unit, \$9.00; Audio frequency, \$8.50.
- Electrad, Inc., 428 Broadway, New York City. ELECTRAD. Resistance amplifier.

AMPLIFIERS

- General Radio Company, 30 State St., Cambridge, Mass. Audio frequency. GENERAL RADIO COMPANY. \$7.50 to \$8.25.
- Globe Mfg. Co., Reading, Mass. GLOBE. Audio.
- A. H. Grebe & Company, 113 W. 57th St., New York City. GREBE CLEARIFIER. Radio frequency.
- The Hart & Hegeman Mfg. Company, 342 Capitol Ave., Hartford, Conn. H. & H.
- Kardon Products Company, 451 Greenwich St., New York City. KARDON STANDARD UNITS. Audio frequency, unmounted for panel mounting. No. 601, 1-stage, \$10.00; No. 602, 2-stage, \$20.00. No. 603 Detector and audio amplifier without tuner for panel mounting, one stage, \$14.00; 2 stages, \$22.00; No. 603A, without panel, \$25; with panel, \$30; No. 604. Superdyne, four tube without tuner or panel, \$25; No. 605, five tube R. F. without tuner with panel, \$44; No. 702, 2 tube reflex without crystal, \$20; No. 701, 1 tube reflex without crystal, \$10.00; No. 599, detector only without tuner.
- Kodel Radio Corporation, 507 E. Pearl St., Cincinnati, Ohio. KODEL. Audio and radio frequency.
- The Magnavox Company, 2725 E. 14th St., Oakland, Calif. MAGNA-VOX. 2-stage, \$50.00; 3-stage, \$60.00; 1-stage, \$27.50; 2-stage extreme power, \$250.00; 3-stage extreme power, \$350.00.
- Martian Mfg. Company, Inc., 24 Central Ave., West Orange, N. J. MARTIAN RESISTANCE COUPLED AMPLIFIER.
- National Radio Mfg. Company, 406 N. Hudson St., Oklahoma City; Okla. NATIONAL. Power.
- National Radio Mfg. Company, 406 N. Hudson St., Oklahoma City, Okla. NATIONAL. Radio Frequency.
- Pennsylvania Radio Labs., 37th and Brandywine Sts., Philadelphia, Penna. Audio frequency. PARLA. \$18.00.
- Pentz Radio Factory, 207 S. 5th St., Minneapolis, Minn. PENTZ-LYNE. \$7.00 to \$14.00. Also made to order.
- Perry Radio Supply Company, 218 Washington Blvd., River Forest, Ills. PERASCO. Two-stage audio frequency. PA-III, \$35.00; PA-IV, \$40.00.
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Radio Product Manufacturing Company, 501 S. Jefferson St., Chicago, Ills. Audio frequency. R. P. M.

Simplex Radio Company, Rector St., West of Main St., Manayank, Philadelphia, Penna. Audio frequency. SIMPLEX. Panel type. Sub-base type for panel mounting, detector and two stage of audio frequency amplification.

Steinite Labs., Radio Bldg., Atchison, Kans. \$15.00.

Spencer Mfg. Company, Aurora, Nebr. SPENCER. Resistance coupled. Amplifiers.

Super-Booster Distributing Company, 2528 W. 7th St., Los Angeles, Calif. SUPER-BOOSTER.

Trellcott Company, 2118 Hale Ave., Louisville, Ky. \$7.00.

S. A. Twitchell, 1925 Western Ave., Minneapolis, Minn. THE TWICHELL PRE-AMPLIFIER. Radio frequency.

Veby Radio Company, 47-51 Morris Ave., Newark, N. J. VEBY. Three stage resistance coupled.

William A. Welty & Company, 36 S. State St., Chicago, Ills. SUPERADIO 3-in-1 audio frequency. Unmounted.

Western Electric Company, 463 West St., New York City. WESTERN ELECTRIC.

Wright Radio Manufacturing Company, 1466 Selby Ave., St. Paul, Minn. ACME-SPECIAL. Amplifier, 2 stage, \$24.00.

AMPLIFYING HORNS (see Horns or loud speakers)

AMPLIFEX—The Amplifex Radio Corp., 39 Massachusetts Ave., Arlington, Mass.—Folding loop.

AMPLIFORMER—American Radio and Research Corp., Medford Hillside, Mass. — Audio frequency transformers.

AMPLIOHM — Electrad Inc., 428 Broadway, New York City.—Resistances, amplifiers.

AMPLION—Amplion Corp. of America, 280 Madison Ave., New York City—Loud speaker units, loud speakers, phonograph attachments.

AMPLITONE—W. C. Shinn Mfg. Co., 154 Whiting St., Chicago, Ills. —Braided copper antenna wire.

ANTI-CAPACITY

AMPLITONE — Multiple Electric Products Co., 2 Orange St., Newark, N. J.—Loud speakers phonograph attachments.

AMPLITRON—Pennant Radio Labs., 63 Hoyt St., Newark, N. J.—Vacuum tubes.

AMPLITRON — Radio Service & Mfg. Co., Lynbrook, L. I., N. Y.—Loud speakers.

AMPL-TONE—Union Fabric Co., Derby, Conn.—Head sets.

AMPLTONE—C. M. French Mfg. Co., Main St., Seymour, Conn.—Head sets.

AMRAD—American Radio Corp., Medford Hillside, Mass.—Synchronous motors, rectifier tubes, receiving sets.

AMSCO — Amsco Products Co., Broome and Lafayette Sts., New York City.—Vacuum tube sockets, vernier attachments, rheostats, terminals, dials, tube sockets.

ANACONDA ANTENNA WIRE—Anaconda Copper Mining Co., 25 Broadway, New York City.—Copper antenna wire.

ANCHOR—Radio Receptor Co., Inc., 106 7th Ave., New York City. Lightning arresters.

ANCHORITE—The Anchor Co., 420 Wood St., Pittsburgh, Pa.—Crystals.

ANDREWS — Radio Units, Inc., Maywood, Ills.—Paddlewheel coil.

ANGELUS—Reichmann Co., 1725 W. 74th St., Chicago, Ills.—Loud speakers.

ANODYNE—Engineering Labs. of America, 442 Broadway, New York City—B battery eliminators, current supply devices.

ANTENELLA—Chas. Freshman Co., 240 W. 40th St., New York City.—Antenna plug.

ANTENNAPHONE —Antennaphone Co., 90 West St., New York City.—Indoor aerial device.

ANTENNAS (see Aerials)

ANTENNA INSULATORS (see Insulators)

ANTI-CAPACITY DIALS (see Dials)

ANTI-CAPACITY JACKS (see Jacks)

ANTI-CAPACITY PANELS (see Panels)

ANTI-CAPACITY—Harris & Birdseye, Inc., 25 Church St., New York City.—Jacks.

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of the
Radio Dealer

Will not be distributed generally or sold this year. The Directory for the season 1926, will be ready for distribution to **ADVERTISERS** using *The Radio Dealer* about the tenth of November.

This directory will be available only for advertisers at that time.



Names of individual jobbers, etc., may be secured from The Service Bureau, *The Radio Dealer*, 1133 Broadway, New York City, without charge.

A-P

- A-P**—Acme Products Co., 107 W. Canton St., Boston, Mass.—Vario-couplers.
- APCO**—Apco Mfg. Co., Providence, R. I.—Battery chargers, rectifiers, panel switches, transformers, resistors.
- APEC**—Radio Tube Corp., Inc., 671 Broad St., Newark, N. J.—Vacuum tubes.
- APEX**—Apex Electric Mfg. Co., 1410 W. 59th St., Chicago, Ills.—Vernier dials, microdyne superneurodyne kits, dials, receiving sets.
- APEX BABY GRAND**—Apex Electric Mfg. Co., 1410 W. 59th St., Chicago, Ills.—Sets, receiving.
- APEX CONSOLE ENTERTAINERS**—Apex Electric Mfg. Co., 1410 W. 59th St., Chicago, Ills.—Sets, receiving.
- APEX ENTERTAINER**—Apex Electric Mfg. Co., 1410 W. 59th St., Chicago, Ills.—Loud speakers.
- APEX SUPERFIVE**—Apex Electric Mfg. Co., 1410 W. 59th St., Chicago, Ills.—Receiving sets.
- APOLLO** — Seaman Jones Fibre Products Co., 355 W. Ontario St., Chicago, Ills.—Cabinet loud speakers, reflex horns.
- APPLEBY**—Appleby Radio Co., 1131 S. Cecil St., Philadelphia, Pa.—Receiving sets.
- A P W**—American Platinum Works, New Jersey R. R. Ave., at Oliver St., Newark, N. J.—Contact points, wire, platinum and silver.
- ARAGON**—Aragon Radio Co., 5118 Fletcher St., Chicago, Ills.—Bus bar wire, condensers, aerials.—Rheostats.
- ARBORPHONE**—Machine Specialty Co., 406 Marquette Bldg., Detroit, Mich.—Receiving sets.
- ARCO SUPERTONE** — Inter-Ocean Radio Corp., 205-15 Tenth St., Jersey City, N. J.—Loud speaker units.
- ARC TRANSMITTERS** (see Sets, transmitting)
- ARC**—Automatic Radio Mfg. Co., Inc., 28 Cross St., Boston, Mass.—Low loss condensers.
- ARGENTITE** — Argentite Radio Corp., 303 E. Fourth St., Los Angeles, Calif.—Crystals, mounted and unmounted crystal detectors.
- ARGENTONE**—Curry & Coutellier Laboratories, 2845 W. 9th St., Los Angeles, Calif.—Receivers reflex circuits.
- ARGUS**—Foote, Pierson & Co., 100 Duane St., New York City.—Arresters, lightning, indoor, outdoor.

ASSORTMENTS

- ARGON**—Holes Electrical Mfg. Co., 1810 Leland Ave., Chicago, Ills.—Storage "B" batteries.
- ARION**—Elec. Sales Co., 140 Halsey St., Newark, N. J.—Tubes.
- ARISTO**—Pal Sales Corp., Summit Ave. and Hague St., Jersey City, N. J.—Loud speakers.
- ARISTOCRAT**—Work Rite Mfg. Co., Broadway and Morris St., Dayton, Ohio.—Dials, rubber or Composition.
- ARISTOCRAT**—Work Rite Mfg. Co., 1812 E. 30th St., Cleveland, Ohio.—Receiving sets.
- ARK**—Clark and Tilson, Inc., 552 7th Ave., New York City.—Transformers.
- ARKAY**—Essex Mfg. Co., 117 Mulberry St., Newark, N. J.—Cam switches.
- ARMAX** — Winchester Repeating Arms Co., 275 Winchester Ave., New Haven, Conn.—Dry B batteries.
- ARMLEY**—Armley Radio Corp.—68-70 Fleet St., Jersey City, N. J.—Collapsible horn.
- ARM BOXES**
Audak Company, 565 Fifth Ave., New York City. **SELECTRON** (Reproducer).
- ARMS, TONE** (see Adapters, phonograph)
- ARMY & NAVY**—American Elec. Co., 64th and State St., Chicago, Ills.—Head sets.
- ARMOVAR** — American Di-Electric Ltd., 466 E. Seventh St., Brooklyn, N. Y.—Insulating varnish.
- ARMSTRONG** — McKinley Phonograph Co., 9501 E. 55th St., Chicago, Ills.—Loud speakers.
- ARPCO**—All Radio Products Co., 147 W. 23d St., New York City.—Binding posts, switches, vacuum tube sockets.
- ARRESTERS, LIGHTNING** (see Lightning arresters)
- ARROW**—Arrow Wire Co., 163 7th Ave., New York City.—Vacuum tubes, variometers.
- ART CRAFT**—Art Craft Mfg. Co., 22 Warren St., New York City.—Kits, variable condensers.
- ARTCRAFT**—The Ray-Dee Artcraft Co., 11th-5th St., Redlands, Calif.—Short wave coils, couplers.
- ARTONE**—Berg Auto Trunk & Specialty Co., Thompson Ave., Long Island City, N. Y.—Loud speakers.
- ASBESTOS, INSULATING** (see Insulating material).
- ASSORTMENTS** (see Screws; Lugs; Nuts; Washers, etc.)

ATCHISON

ATCHISON—Atchison Radio Elec. Co., Atchison, Kan.—Wave traps.

A TEC—Atec Products Co., 536 West Elm St., Chicago, Ills.—Tuners, variocouplers, hand tools, variometers, coils, coil winders, tubing, transformers, receiving sets, sub panels, hand tools.

ATHERTON—Wolverine Mfg. Co., 603 E. Water St., Milwaukee, Wis.—Transformers.

ATLANTIC — Atlantic Insulated Wire & Cable Co. Rome, N. Y.—Wire.

ATLANTIC & PACIFIC RADIO CORP.—Atlantic and Pacific Radio Corp., 223 West 34th St., New York City.—Sets, receiving.

ATLAS—Atlas Colonial Corp., East Ave. and 10th St., Long Island City, N. Y. — Loud speakers, phones, loud speaking units.

ATLAS—The R. S. K. Co., Caxton Bldg., Cleveland, Ohio.—Tubes.

ATTACHMENTS FOR HEADPHONES

The Colytt Labs., 565 W. Washington St., Chicago, Ills. **CLARIPHONE.**

ATTACHMENTS, PHONOGRAPH (see Adapters; Phonograph; Loud speaker units, phonograph)

ATTACHMENTS, VERNIER (see Vernier devices)

ATTORNEYS PATENT (see Patent attorneys)

ATWATER KENT—Atwater Kent Mfg. Co., 4720 Wissahickon Ave., Philadelphia, Pa.—Amplifiers, crystal detectors, phonograph attachments, receiving sets, variocouplers, loud speakers.

AUDAK—Audak Co., 565 Fifth Ave., New York City.—Phonograph adapter.

AUDIBILITY METERS

General Radio Company, 30 State St., Cambridge, Mass. Type 161. \$36.00.

AUDIO-DU-FLEX—Audio - Tone Radio Co., 2831 Middletown Rd., New York City.—Receiving sets.

AUDIOFORMER — Pacent Electric Co., 91 7th Ave., New York City.—Transformers.

AUDIO FREQUENCY AMPLIFIERS (see Amplifiers)

AUDIO FREQUENCY TRANSFORMERS (see Transformers)

AUDIOHM — Electrad Inc., 428 Broadway, New York City.—Variable resistances.

AUDIOLA—Audiola Radio Co., 430 S. Green St., Chicago, Ills.—Receiving sets, amplifiers.

AWLS

AUDION—De Forest Radio Co., 139 Franklin St., Jersey City, N. J.—Vacuum tubes, vacuum tube sets.

AUDION—Taylor Electric Co., 1206 Broad St., Providence, R. I.—Mounted crystals.

AUDIOPHONE — The Bristol Co., Waterbury, Conn.—Loud Speakers.

AUDIOTONE JUNIOR—Audio Tone Radio Co., 2831 Middletown Road, New York City.—Receiving sets.

AUDIO TONE SUPER FIVE — Audio-Tone Radio Co., 2831 Middletown, Road, New York City.—Sets, receiving.

AUDIOTRAN—Scientific Equipment Co., 393 N. Maple Ave., Ridge-wood, N. J.—Transformers.

AUDITORIUM REPRODUCER — Scott & Scott, 937 Sorin St., South Bend, Ind.—Loud speakers.

AUDITORIUM REPRODUCER—I. A. Bennett & Co., 112 W. Adams St., Chicago, Ills.—Loud speakers.

AURISTOPHONE—Evolution Phone Co., Inc., 221 E. 124th St., New York City.—Head sets.

AUSTIN RADIOGRAND — The M. B. Austin Co., 108 S. Desplaines St., Chicago, Ills.—Console receiving set.

AUTOMATIC — Automatic Radio Mfg. Co., 28 Cross St., Boston, Mass.—Condensers, variable.

AUTOMATIC SCREW MACHINE PRODUCTS (see Screw machine products)

AUTH—Auth Electrical Specialties Co., 422 E. 53rd St., New York City.—Head sets.

AUTHORIZED COCKADAY—Precision Coil Co., 209 Center St., New York City.—Coils.

AUTOMATIC SWITCH CO.—Automatic Switch Co., 154 Grand St., New York City. — Panels, motor generator controls.

AUTOPHONE—Square Deal Radio & Electric Co., Fenton, Mich.—Receiving sets.

AUTOSTAT—Automatic Electrical Devices Co., 120 West Third St., Cincinnati, Ohio.—Rheostats.

AUTOYRE—The Autoyre Co., Oakville, Conn.—Head bands.

AUTREY—The National Radio Engineering Co., Atlanta, Ga., R. F.—Receiving sets.

AWLS (see Tools)

AUXILIARY UNIT

AUXILIARY UNIT—Walheit Mfg. Co., 925 Wrightwood Ave., Chicago, Ills.—Filters.

AVALA—Avala Instrument Mfg. Co., Inc., 400 W. 23rd St., New York City.—Variable condensers.

BASE BOARDS

A & W—A & W Radio Service, 222 Fulton St., New York City.—Wire.

AYANBEE—Scranton Glass Instrument Co., Scranton, Pa.—Battery testers.

B

BABYDYNE—Kenmar Radio Corp., Danvers, Mass.—Receiving sets.

BABY EMILY — Findlay Electric Porcelain Co., Findlay, Ohio.—Insulators.

BABY GRAND — Marwol Radio Corp., New York City.—Receiving sets.

BABY JOE—Findlay Electric Porcelain Co., Findlay, Ohio.—Insulators.

BAIRD—The Baird Machine Co., Bridgeport, Conn.—Factory machinery, wire forming machinery, metal forming machinery.

BAKELITE — Bakelite Corp., 247 Park Ave., New York City.—Moulded insulation, varnish.

BAKELITE CERTENAX—Meirowsky Brothers, Inc., 11 McPherson Place, Jersey City, N. J.—Tubing.

BAKELITE-DILECTO — Continental Fibre Co., Newark, Del. — Panels.

BAKELITE-DURESTO—Spaulding Fibre Co., Inc., 434 Broome St., New York City.—Moulded insulation, panels, rods, sheets.

BAKER—Baker & Co., Inc., Murray & Austin Sts., Newark, N. J.—Contacts.

BAKER—Baker's Yacht Basin Inc., Quincy Point, Mass.—Cabinets.

BALANCING CONDENSERS (see Condensers variable)

BALCON—Pacent Electric Co., 91 7th Ave., New York City.—Balancing condensers.

BALDWIN—Baldwin Radio Electric Mfg. Co., 684 Bergen St., Brooklyn, N. Y.—Cabinets, radio frequency coils, variometers, vario-couplers.

BALDWIN—Nathaniel Baldwin, 3474 S. 23rd East St., Salt Lake City, Utah.—Loud speaker units, loud speakers, head phones.

BALDWIN PACIFIC—Baldwin Pacific & Co., Pacific Bldg., San Francisco, Calif.—Filters, wave traps.

BALKITE—Fansteel Products Co., Inc., N. Chicago, Ills.—Battery chargers, electrolyte receptors for battery charging.

BALLANTINE — Boonton Rubber Mfg. Co., 624 Fanny Road, Boonton, N. J.—Transformers, amplifiers.

BALLGRIP—Quality Molded Products, Inc., 1 Exchange Place, Jersey City, N. J.—Socket jacks.

BALLSITE—Ballston Insulation & Composition Co., Inc., Ballston Spa., N. Y.—Dials, knobs, sockets.

BANDS, HEAD

American Electric Company, State and 64th St., Chicago, Ills. \$1.00, \$1.25; \$1.50.

Autoyre Company, Oakville, Conn.
Wallace Barnes Company, Bristol, Conn.

Chas. Fischer Spring Company, 240 Kent Avenue, Brooklyn, New York. All styles to order.

Kellogg Switchboard & Supply Company, Chicago, Ills.

BANK WOUND COILS (see Coils)

BANNARD—Triangle Electro Trading Co., 632 Broadway, New York City.—Headsets.

BARD — Bard-Parker Co., 150 Lafayette St., New York City.—Wire stripping tools.

BARKELEW — Barkelew Electric Mfg. Co., Middletown, Ohio.—Tips, 4 phone post, No. 618 panel mounting, No. 628, for binding post, No. 624 for Radiola 111 and 111-A, plugs, tubes, ground switches.

BARKER—R. L. Barker & Co., 624 W. Washington Blvd., Chicago, Ills.—Electric tools.

BASCO—Briggs & Stratton Co., 1047 Louis Ave., Milwaukee, Wis.—Headsets, rheostats, transformers.

BAR SOLDER (see Solder)**BASE BOARDS**

Radio Cabinet Company, 1772 Frankford Ave., Philadelphia, Penna.
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RADIO WORLD
1493 Broadway New York

FRED S. CLARK, Adv. Mgr.

BASES

American Insulator Corp., 52 Vanderbilt Ave., New York City. Vacuum tube sockets.

William Frank, 25 W. 42nd St., New York City. V. T. Bakelite.

Garfield Mfg. Company, Garfield, N. J. Rheostat bases.

General Insulate Company, 1008 Atlantic Ave., Brooklyn, N. Y. Insulate, composition; Hi-Heet, Bakelite.

Homer Smith, 25 W. 42nd St., New York City. HOMER SMITH. Bakelite.

Kurz-Kasch Company, Dayton, Ohio. K.K. Rheostat, bakelite only.

Liberty Metal Prod. Berea, Ohio. BEAN RADIO. Wood and Metal for loud speakers, with or without felt pads, ferrules, etc.

Moulded Products Corp., 549 W. 52d St., New York City.—Bakelite.

National Lead Company, Molding Division, 111 Broadway, New York City. Detector. Bakelite Molded to specifications.

Page Cabinet Company, Broadway at Hampshire St., Cambridge, Mass. Wood finished or plain.

Shaw Insulator Company, 150 Coit St., Irvington, Newark, N. J. Vacuum tube.

BASKETBALL—American Radio & Research Corp., Medford Hillside, Mass.—Variometers, vario couplers.

BASSETT—Bassett Metal Goods Co., Inc., Derby, Conn.—Insulated bus wire.

BASSIK COMPANY—Bassik Company, Bridgeport, Conn.—Cabinet hardware.

BATES—The Bates Mfg. Co., 20 Vesey St., New York City.—Radio index.

BATTERYMETER—Oscar Beck & Co., 280 Maujer St., Brooklyn, N. Y.—Battery hydrometer syringes.

BATTERIES, A, DRY CELL

Advance Battery Corp., 109 Prince St., New York City. A B C.

Bright Star Battery Company, 15th St. and Riverhead, Hoboken, N. J. BRIGHT STAR.

Burgess Battery Company, Madison, Wisc.

Burn-Boston Battery & Mfg. Works, 80 Boylston St., Boston, Mass. BURN-BOSTON ADDWATER.

Canadian National Carbon Co., Ltd., Hillcrest Park, Toronto, Ontario, Canada. EVEREADY.

The Carbon Products Company, P. O. Box No. 423, Lancaster, Ohio. ACE. No. 61. 45c; No. 63-5, \$1.85.

The Dominion Battery Company, Ltd., Toronto, Canada. RELIABLE. BLUENOSE.

BATTERIES "A"

French Battery Company, Madison, Wisc. French RAY-O-VAC. 1½-volt. 45c., \$1.10; 4½-volt, \$1.80.

Hipwell Mfg. Co., 831 North Ave., Pittsburgh, Pa. HIPCO.

Manhattan Electrical Supply Company, 17 Park Place, New York City. RED SEAL.

Marathon Battery Company, Wausaw, Wisc. MARATHON.

Music Master Corp., 128 N. 10th St., Philadelphia, Penna. MUSIC MASTER. 151—60c.

National Carbon Company, Long Island City, N. Y. EVEREADY.

Re-Vi-Vo, Inc., 1841 Broadway, New York City. RE-VI-VO. Rechargeable.

Stuart Products Corp., 663 W. Washington Blvd., Chicago, Ills. STUART

Wireless Dry Cells, Ltd., Niagara Falls, N. Y. MAXIMITE.

Yale Electric Corp., Pearl and Tillary Sts., Brooklyn, N. Y. FRANCO, YALE.

BATTERIES, A, STORAGE

Ajax Battery and Distributing Co., 790 Main Ave., Passaic, N. J. AJAX. 60 amp., 80 amp., 100 amp., 120 amp., 165 amp., 180 amp.

American Battery Co., 2055 N. Racine Ave., Chicago, Ills. AMERICAN.

American Storage Battery, Boston, Mass. HARVARD.

American Wireless Corp., 54 W. 23d St., New York City. AMERICAN WIRELESS. 100 ampere hour. \$19.00.

Burn Boston Battery & Mfg. Works, 80 Boylston St., Boston, Mass. BURN BOSTON.

Canadian National Carbon Company, Ltd., Hillcrest Park, Toronto, Ont., Canada. EVEREADY.

Coliseum Battery Company, Inc., 1608 S. Wabash Ave., Chicago, Ills. Eureka Storage Batteries.

The Cooper Corp., Cincinnati, Ohio. COOPER. 6-80; 6-100; 6-120; 6-135; 6-155.

Dixie Storage Battery Company, 1412 W. Lafayette St., Baltimore, Md. DIXIE.

The Dominion Battery Company, Ltd., Toronto, Canada. RELIABLE.

Durkee-Thomas Products Company, 1228 Folsom St., San Francisco, Calif. DUTHO.

Farmer's Wireless Telephone Company, 157 Chambers St., New York City.

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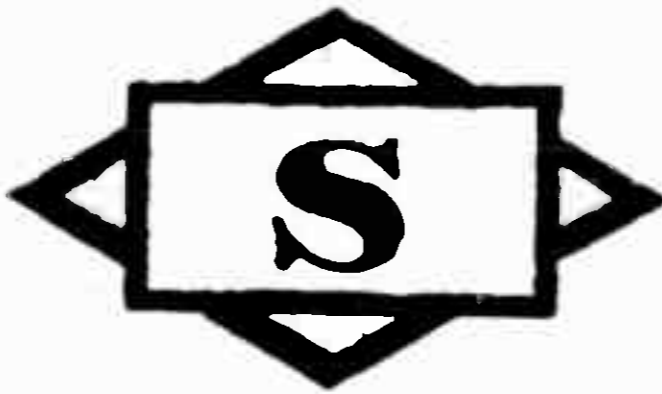
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1133 Broadway,

New York City

BATTERIES "A" STORAGE
(Continued)

General Storage Battery Company, 2005 Locust St., St. Louis, Mo. General. No. 172, 60 amp., \$15.50; No. 173, 80 amp., \$17.50; No. 175, 100 amp., \$21.20; No. 176, 120 amp., \$26.75.

Gould Storage Battery Company, Inc., 250 Park Ave., New York City. GOULD. \$12.00, \$17.00; \$21.00. Combined with charger, Gould UNIPOWER. A. C. and D. C. types, \$35.00 to \$55.00

Grier-Sutherland Company, 433 E. Larned St., Detroit, Mich. POWER.

Halsey Supply Corp., 335 Halsey St., Newark, N. J. AUTO.

Hartford Battery Mfg. Co., Milldale, Conn. HARTFORD. R. H. 70—70 amps., \$18.00; R. H. 100—100 amps., \$19.50; R. H. 125—125 amps., \$22.00.

Hazelett Battery Company, 2135 Columbus Road, Cleveland, Ohio. HAZELETT.

Heissler Storage Battery Company, 2450 Calumet Ave., Chicago, Ills. HEISSLER, 6-80, 6-100, 6-120, 6-150.

Hinsdill Electric Company, 225 River St., Troy, N. Y. LINCOLN and CIRCLE-H.

Hobbs Battery Co., 2019 Bay St., Los Angeles, Calif. HOBBS.

Jordan Battery Company, Ypsilanti, Mich. RAY.

Main Radio Batteries, Inc., Cleveland, Ohio. MAIN. 6-volt, 60 amps., \$15.50; 100 amps., \$20.00.

Marko Storage Battery Company, 1402 Atlantic Avenue, Brooklyn, N. Y. MARKO. In wood case, 50 to 150 amp. hrs., \$12.50 to \$28.00; in RUBBERLITH case, 90 amp. hrs., \$17.15; 120 amp. hrs., \$20.80.

Martin Radio & Electric Company, 130 W. 52nd St., New York City. PACKARD "A" STORAGE BATTERY. 80 amps., \$15.00; 100 amps., \$18.50; 120 amps., \$22.00

Music Master Corp., 128 N. 10th St., Philadelphia, Penna. MUSIC MASTER. 6-90, \$19.50; 6-110, \$23.50.

Hector C. MacRae, 314 St. Paul St., Baltimore, Md. CHAMPION ACCUMULATOR.

National Carbon Company, New York City. EVEREADY.

New York Pacific Battery Company, 646 W. Washington St., Los Angeles, Calif. ZENITH.

BATTERIES "B" DRY CELL

Philadelphia Storage Battery Company, Ontario and C Sts., Philadelphia, Penna. PHILCO.

Prest-O-Lite Co., Cleveland, Ohio.

Prest-O-Lite of Canada, Ltd., Hillcrest Park, Toronto, Ont., Canada. PREST-O-LITE.

Radio-Rubr Storage Battery Corp., 2012 Locust St., St. Louis, Mo. RADIO-RUBR. 60 amp., \$15.00; 100 amp., \$19.75 (rubber container).

Re-Vi-Vo, Inc., 1841 Broadway, New York City. RE-VI-VO. 6 volt.

Thornton & Everest, Inc., 1216 S. Olive St., Los Angeles, Calif. THOR.

Universal Battery Company, 3410 S. La Salle St., Chicago, Ills. UNIVERSAL. (in heart).

U. S. Light & Heat Corp., Niagara Falls, N. Y. USL. On rubber case. DXA-303X, \$14.70; DXA-305X, \$18.00; DXA-307, \$22.80; DXA-309X, \$28.50.

Vesta Battery Corp., 2100 Indiana Ave., Chicago, Ills. VESTA.

Westinghouse Union Battery Company, Swissvale, Penna. 6-volt, composition case, 60, 90, 100-amp. hrs.

Willard Storage Battery Company, Cleveland, Ohio.

Witherbee Storage Battery Company, Inc., 2 W. 61st St., New York City. WITHERBEE. 6-volt, 40-amp., \$12.00; 60 amp., \$17.00; 80 amp., \$21.00; 110 amp., \$24.00; 130 amp., \$28.00; 150 amp., \$32.00.

Yale Electric Corp., Tillary and Pearl Sts., Brooklyn, N. Y. YALE. 6A-60R, \$16.00; 6A-90R, \$18.40; 6A-120R, \$22.60; 6A-150, \$34.00.

BATTERIES, B, DRY CELL

Advance Battery Corp., 109 Prince St., New York City. A B C. TRADEMARK. 301 variable voltage, 45 volts, \$3.75; 151, 22½ volts, voltage, \$2.00; 152, 22½ volts of variable voltage, \$1.75. For portable sets 22½ volts, \$1.50, \$1.90.

Bright Star Battery Company, 15th St. and Riverhead, Hoboken, N. J. BRIGHT STAR.

Burgess Battery Company, Madison, Wisc.

Burn-Boston Battery & Mfg. Works, 80 Boylston St., Boston, Mass. Non-Deteriorating. BURN-BOSTON-DOUBLE-LIFE. \$3.00.

Canadian National Carbon Company, Ltd., Hillcrest Park, Toronto, Ontario, Canada. EVEREADY.

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the office of the Secretary, 1133
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**THE NATIONAL
RADIO TRADE ASSOCIATION**

HENRY M. SHAW, President.

LAURENCE A. NIXON, Secretary.

BATTERIES, "B" DRY CELL
(Continued)

The Carbon Products Company, P. O. Box 423, Lancaster, Ohio. ACE. No. 315, \$1.50; No. 1301, \$3.75; No. 115, \$2.00; No. 2151, \$1.75; No. 515, \$1.90; No. 1152, \$2.00; No. 1302, \$3.75; No. 715, \$3.25, No. 730, \$4.75.

Champion Carbon Mfg. Co., Cincinnati, Ohio. CHAMPION.

The Comet Company, 5100 Superior Avenue, Cleveland, Ohio. COMET. Flash Light Batteries.

Deal Electric Co., Inc., 453 Broome St., New York City. DEAL.

Diamond Electric Specialties Corp., 101 S. Orange Ave., Newark, N. J. DIAMOND. \$1.50 to \$4.75.

The Dominion Battery Company, Ltd., Toronto, Canada. Reliable. BLUENOSE.

Electrical Mfg. Agency, Inc., 25 N. Dearborn St., Chicago, Ills. COMET.

Enco Electric Novelty Company, 603 W. 130th St., New York City. ENCO.

Farmer's Wireless Telephone Company, 157 Chambers St., New York City.

French Battery Company, Winnebago St., Madison, Wisc. FRENCH RAY-O-VAC.

Hipwell Mfg. Co., 831 North Ave., Pittsburgh, Penna. HIPCO.

Hytone Battery Mfg. Co., 2420 First Ave., New York City. HYTONE.

Marathon Battery Company, Wausau, Wisc. MARATHON.

Walter C. Morris, 170 Rossiter Ave., Yonkers, N. Y. GOLD MEDAL.

Music Master Corp., 128 N. 10th St., Philadelphia, Penna. MUSIC MASTER. 224, \$1.75; 225, \$2.00; 450, \$3.75, 451, \$3.75.

National Carbon Company, Inc., New York City. EVEREADY.

National Electric Novelty Co., 403 Broome St., New York City. NENCO.

Radio Tel. & Tel. Corp., 25 W. 45th St., New York City.

Re-Vi-Vo, Inc., 1841 Broadway, New York City. RE-VI-VO. Rechargeable.

Standard Elec. Novelty Co., 19 Bond St., New York City. CYCLONE.

Stuart Products Corp., 663 W. Washington Blvd., Chicago, Ills. STUART.

Success Elec. Novelty Co., 19 Broadway, Brooklyn, N. Y. SUCCESS.

BATTERIES STORAGE "B"

The Underwood Battery Company, Inc., 1270 Ontario St., Cleveland, Ohio. UNDERWOOD.

Volton Battery Company, 21 Hopkins St., Brooklyn, N. Y. VOLTON.

Valley Narrow Fabric Company, 59 Chestnut St., Central Falls, R. I. LAW. 22½ volt, \$2.00; 45 volt, standard and upright, \$4.00.

Western State Dry Battery Company, Inc., 2704 First Ave., Seattle, Wash. BULL DOG. 22½ volt, 45 volt.

Winchester Repeating Arms Company, New Haven, Conn. WINCHESTER. No. 5516, 22½ volt. ARMAN.

Wireless Dry Cells, Ltd., Niagara Falls, N. Y. MAXIMITE.

Yale Electric Corp., Pearl and Tillary Sts., Brooklyn, N. Y. YALE. YALE RADIO POWER-PAK FRANCO YALE. \$1.50 to \$4.75.

BATTERIES, B, STORAGE

Ajax Battery & Distributing Company, 790 Main Ave., Passaic, N. J. AJAX. Rechargeable.

American Battery Company, 2055 N. Racine Avenue, Chicago, Ills. POWERWELL. AMERICAN.

Brinker-Van Cleef Corp., 223 W. 80th St., New York City. BEE HIVE. 78 cell, 100 volt.

Cleartone Radio Company, Inc., 178 Varick St., New York City. CLEARSTONE. 100 volt, \$21.00.

The Cleveland Engineering Laboratories Company, 2104 Superior Viaduct, N. W., Cleveland, Ohio. STORAD.

The Cooper Corp., Cincinnati, Ohio. COOPER. 5,000 M. A. H. capacity. 24 volt, 48 volt.

The Dominion Battery Company, Ltd., Toronto, Canada. RELIABLE.

Durkee, Thomas, Products Company, 1228 Folsom St., San Francisco, Calif. SUPERDUTHO.

Gilbert Battery Company, 138 Fayerweather St., Bridgeport, Conn. GILBERT.

Gould Storage Battery Company, Inc., 250 Park Ave., New York City. GOULD. 24 volt unit, \$8.50; 96 volt unit, \$42.00; combined with charger GOULD UNIPOWER. A. C. and D. C. types.

Gray's Electro-Chemical Labs., Bayonne, N. J. GRAY. 100 volt. 2,000 to 3,000 milliamp.

The Hartford Battery Mfg. Company, Milldale, Conn. 48 volt, \$20.00; 24 volt, \$10.00; single cell, 2 volt, \$1.00.

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THE RADIO DEALER

“The Radio Trade Journal”

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THE RADIO DEALER

1133 Broadway

New York City

BATTERIES, "B" STORAGE

(Continued)

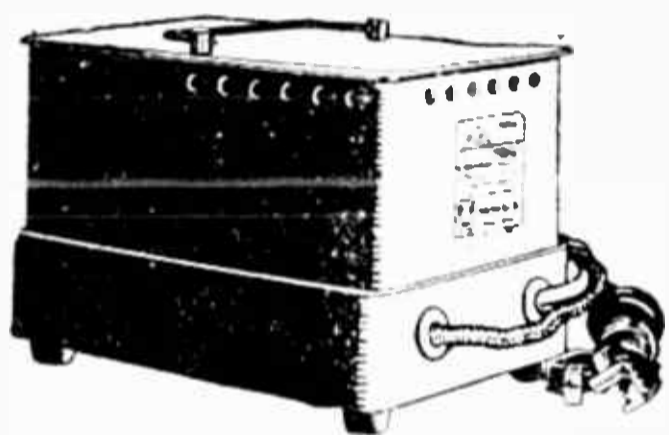
- The Hazelett Storage Battery Company, 2135 Columbus Road, Cleveland, Ohio. HAZELETT. 100 volt, renewable plate type, assembled or knocked down. 1 and 4 amp.
- Jordan Battery Company, Ypsilanti, Mich. RAY-DIO.
- Kelman Electric Company, 470 E. Main St., Rochester, N. Y. KELMAN.
- Lane Mfg. Company, 2941 W. Lake St., Chicago, Ills. LANE. 100 volt, \$25.00; 150 volt, \$37.50.
- Main Radio Batteries, Inc., Cleveland, Ohio. MAIN. 24 volt, 5,000 M. A., \$8.75.
- Marko Storage Battery Company, 1402 Atlantic Ave., Brooklyn, N. Y. 4,500 M. A. H., 24 volt, \$9.95; 48 volt, \$19.25.
- New York Pacific Battery Company, 646 W. Washington St., Los Angeles, Calif. NEW YORK. "B" storage.
- Oxidite Battery Company, 1485 Marshall Ave., St. Paul, Minn. OXIDITE.
- Pacific Screw Company, 645 N. E. 53rd St., Portland, Ore. PASCO. Assembled, \$5.00; knockdown, \$2.85.
- Philadelphia Storage Battery Company, Ontario & C Sts., Philadelphia, Penna.
- Universal Battery Company, 3410 S. La Salle St., Chicago, Ills. UNIVERSAL.
- U. S. Light & Heat Corp., Niagara Falls, N. Y. USL. Dry charged. DXS-1202, \$7.00; DXS-2402, \$13.60; DXS-4802, \$27.20.
- Westinghouse Union Battery Company, Swissvale, Penna. WESTINGHOUSE CRYSTAL CASE. 24-RG-2. 24 volts, 4,500 M. A. H.
- Williard Storage Battery Company, Cleveland, Ohio.
- E. H. Wilson Mfg. Company, 1325 10th St., E. Moline, Ills.
- Yale Electric Corp., Tillary and Pearl Sts., Brooklyn, N. Y. YALE. 24 UB, \$11.00; 48 UB, \$20.00.
- BATTERIES, C, DRY CELL**
- Advance Battery Corp., 109 Prince St., New York City. A B C 4½ volts, 60 cents.
- Bright Star Battery Company, 15th and Riverhead, Hoboken, N. J. BRIGHT STAR.
- Burgess Battery Company, Madison, Wisc.
- The Carbon Products Company, Lancaster, Ohio. ACE. No. 013, 60c.
- The Dominion Battery Company, Ltd., Toronto, Canada. RELIABLE.

BATTERY CHARGERS

- French Battery Company, Madison, Wisc. FRENCH. RAY-O-VAC.
- Hipwell Mfg. Co., 831 North Ave., Pittsburgh, Pa. HIPCO.
- Marathon Battery Company, Wausan, Wisc. MARATHON.
- Music Master Corp., 128 N. 10th St., Philadelphia, Penna. MUSIC MASTER. 4, 60c, 4½ volts; 7, 80c, 7½ volts.
- National Carbon Company, New York City. EVEREADY.
- Stuart Products Corp., 663 W. Washington Blvd., Chicago, Ills. STUART.
- Valley Narrow Fabric Company, 59 Chestnut St., Passaic St., Central Falls, R. I. 4½ volts, 60c.
- Volton Battery Company, 21 Hopkins St., Brooklyn, N. Y. QUEENBEE.
- Wireless Dry Cells, Ltd., Niagara Falls, N. Y. MAXIMITE.
- BATTERY ACID (see Electrolyte)**
- BATTERY CABINETS (see Cabinets)**
- BATTERY CHARGERS**
(note specifications for type, charging rate, etc., unless otherwise specified all chargers are standard six volt)
- The Acme Electric & Mfg. Company, 1444 Hamilton Ave., Cleveland, Ohio. ACME. Type A-2, \$8.50; AB-2-120, \$10.50; Universal AU-120, \$13.50; Sr. De Luxe, ABM-5-120, with meter, \$20.00; AB-5-120, without meter, \$18.50; DM-110 with meter, \$12.00; DM-32, with meter, \$12.00. Battery clips and extension cord attachments are all furnished. These list prices do not include bulbs.
- American Battery Company, 2055 N. Racine Ave., Chicago, Ills. POWtifier for charging batteries, B ERWELL.. Big AMERICAN rec-batteries.
- American Radio & Research Corp., Medford Hillside, Mass. AMRAD. "B" Batteries, "S" Tube, \$10.00.
- Apco Manufacturing Company, Providence, R. I. APCO. "B" \$4.00.
- Burton & Rogers Mfg. Company, 755 Boylston St., Boston, Mass. BURTON & ROGERS.
- Durkee Thomas, Products Company, 1228 Folsom St., San Francisco, Calif. DUTHO.
- Eagle Charger Corp., 121 North 8th St., Philadelphia, Pa. Bulb type. Type "2 A-B," \$19.50 with B battery winding, and \$18.00, plain. 6 A plain, \$28.00; 6 A-B, \$29.00.
- Fansteel Products Company, Inc., North Chicago, Ills. BALKITE. \$19.50. BALKITE Trickle, \$10.00.



Radio Battery Charger



Type A-B
\$22 retail
Charges
BOTH
A and B
Batteries
at ONE time
Type A
for A Bat-
teries only
\$18 retail

A Great Charger Backed by
a Powerful Sales Policy



Simplest and most efficient. Utilizes the FULL electrical wave to charge at almost double speed. No chemicals. Absolute guarantee printed on each charger. Backed by a sales policy that will help you make MORE charger SALES and PROFITS. Write for details.

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SERVICE BUREAU of THE RADIO DEALER

1133 Broadway, New York City

BATTERY CHARGERS (Contd.)

Fore Electrical Mfg. Company, 5255 N. Market St., St. Louis, Mo. FORE. 1-A; 2-B.

General Electric Company, Merchandise Division, Bridgeport, Conn. TUNGAR. 2 ampere, \$18.00; 5 ampere \$28.00.

Gould Storage Battery Company, Inc., 250 Park Ave., New York City, GOULD UNIPOWER. A current supply for alternating current. 4 volt at \$35.00; 6 volt, \$40.00; Heavy duty 6 volt. \$55.00.

Fore Electrical Mfg. Company, Inc., 5255 N. Market St., St. Louis, Mo. FORE. Master Fore Type, \$18.50; Type 1-A, \$17.50

Heyer Products Company, Inc., 34 Valley Road, Montclair, N. J. HEYERMAN'S. 2 amp., "A" and "B," \$18.50; 6 amp., \$29.50.

Holmes Electric Mfg. Company, 1810 Leland Ave., Chicago, Ills. ARGON. For "A" and "B" storage batteries. AUTOCHARGER. For "A" and "B" storage batteries. AJAX. For "A" and "B" storage batteries. A. C. vibrating type.

Interstate Electric Company, 4339 Duncan Ave., St. Louis, Mo. ULTRA CHARGER. For "A" and "B" batteries 2 to 48 volts, \$18.00. TWIN BULB HANDY CHARGERS. "A" batteries 4 to 5 amperes, "B" batteries up to 120 volts in series full wave, \$14.00, without bulbs; \$22.00, complete with 2 bulbs.

Kellogg Switchboard & Supply Company, 1066 W. Adams St., Chicago, Ills. KELLOGG SIMPLEX CHARGER. A or B, \$17.00 and \$19.00.

Kodel Radio Corp., 507 Pearl St., Cincinnati, Ohio. Gold Seal A and B HOMCHARGER, 5 ampere: Crescent Bulb Type; 2 and 5 amperes; Eclipse Enclosed Bulb Type Battery Charger, 2 and 5 amperes; Midget Battery Charger, direct current.

Landis Engineering & Mfg. Company, Waynesboro, Penna.

Leich Electric Company, Genoa, Ills. NON TUNE.

Liberty Electric Corp., Stamford, Conn. LIBERTY. "FUL-WAVE." For charging "A" Batteries—charger type "A," charging A & B batteries, type A & B.

Main Radio Batteries, Inc., Cleveland, Ohio. MAIN.

Mohawk Electric Mfg. Co., 17 Kirk Place, Newark, N. J. MOHAWK.

Niles Mfg. Company, Ypsilanti, Mich. THE QUIET NILES. Model A \$19.00. Model AB \$21.00. West of Rockies, \$1.00 extra.

B BATTERY

J. Thos. Rhamstine, 500 E. Woodbridge St., Detroit, Mich. RHAMSTINE. \$25.00 List. "B" Battery.

Roth Bros. & Company, 1400 W. Adams St., Chicago, Ills. ROTH. \$250.00, \$350.00, \$700.00. Constant Potential charging sets.

Stahl Rectifier Company, 1455 W. Congress St., Chicago, Ills. STAHL SYNCHRONOUS RECTIFIER.

The Sterling Mfg. Company, 2831 Prosper Ave., Cleveland, Ohio. STERLING. Portable—10 volt, A.C. current. No. 19, "A" or "B", 60 or 50 cycle, \$22.50; 25 cycle, \$25.00. No. 17 "A", 60 or 50 cycle, \$18.50; 25 cycle, \$21.00; No. 900, 110 volt, A.C., for "A" 6-volt batteries, 60 or 50 cycle, \$16.00; 25 cycle, \$18.50.

Triple A-Specialty Company, 628 W. Jackson Blvd., Chicago, Ills. A and B batteries. "SILVER BEAUTY."

Westinghouse Union Battery Company, Swissvale, Penna. WUBCO. BATTERY CLIPS (see Clips)

BATTERY ELIMINATORS (see Current supply devices)

BATTERY MATS (see Mats)

BATTERY METERS (see Ammeters)

BATTERY PARTS

The Battery Equipment & Supply Company, 1638 S. Wabash Ave., Chicago, Ills. BESCO. Battery holders. No. 64 Ford, No. 30 A. G., 50 cents per pair.

Beehler Steel Products Company, 1439 North 13th St., St. Louis, Mo. Handles.

Bridgeport Brass Company, Bridgeport, Conn. BRIDGEPORT V. knurls. For batteries, sockets, transformers, coils, condensers, etc. Hobbs Battery Company, 2019 Bay St., Los Angeles, Calif. "A" plates.

Coliseum Battery Company, Inc., 1608 S. Wabash Ave., Chicago, Ills.

Triple-A-Specialty Company, 628 Jackson Blvd., Chicago, Ills. Handles, leads, brass parts.

Universal Battery Company, 3410 S. LaSalle St., Chicago, Ills. UNIVERSAL. Battery covers, battery holders.

BATTERY SUBSTITUTES (see Current supply devices)

BATTERY TESTERS (see Hydrometers; Ammeters)

BATTERY TRAYS (see Mats)

B BATTERIES (see Batteries, B dry cell; Batteries B storage)

B BATTERY ELIMINATORS (see Current supply devices)

B BATTERY CHARGERS (see Battery chargers)

- B D N**
B D N—American Bosch Magneto Corp., Springfield, Mass.—“B” current supply.
- BEACON**—Beacon Radio Co., 100 S. 3rd St., Brooklyn, N. Y.—Variable condensers, plain and vernier, jacks, rheostats.
- BEAN**—Liberty Metal Products Co., Berea, Ohio.—Connectors.
- BEAN TOOL**—Liberty Metal Products Co., Berea, Ohio—Hand tools.
- BEAR**—Bear Radio Products Corp., 26 Cortlandt St., New York City.—Vacuum tubes.
- BEAR**—Western Dry Battery Co., Inc., 2501 - 15th Ave., W., Seattle, Wash.—Batteries “B” dry cell.
- BEEDE**—Beede Electrical Instrument Co., Ponnacook, N. H.—Pocket ammeters, voltmeters.
- BEEHIVE**—Brinker Van Cleef Corp., 223 W. 80th St., New York City.—“B” storage batteries.
- BEEHLER**—Bechler Steel Prod. Co., 1439 No. 13th St., St. Louis, Mo.—Ferrules.
- BEEKO**—J. H. Bunnell & Co., 32 Park Place, New York City.—Variable condensers, rheostats.
- BEL-CANTO**—Bel-Canto Radio & Telephone Equipment Co., Inc., 872 Broadway, New York City.—Loud speakers.
- BELDEN**—Belden Mfg. Co., 23rd St., and Western Ave., Chicago, Ills.—Bare copper aerial wire, extension cord, replacement cord, battery cable, terminal pockets, lead-ins and ground wire, tinned hook-up wire, shielded hook-up wire, loop antenna wire, rosin, core solder, terminal assortments, litz wire for high frequency cable, magnet wire on small spools, genuine Italo tubing, insulation, hook-up wires, flexible hook-up wires.
- BELDENAMEL**—Belden Mfg. Co., 2300 S. Western Ave., Chicago, Ills.—Enamelled copper antenna wire.
- BELDENMOLD**—Belden Mfg. Co., 2300 S. Western Ave., Chicago, Ills.—Sockets.
- BELDENTAPE**—Belden Mfg. Co., 2300 S. Western Ave., Chicago, Ills.—Tape.
- BELDENTUBE**—Belden Mfg. Co., 2300 S. Western Ave., Chicago, Ills.—Insulated tubing, tubing.
- BELDERITE**—Belden Mfg. Co., 23d St. and Western Ave., Chicago, Ills.—Winding machines.
- BELDYNE**—Beldyne Radio Co., 308 William Ave., Brooklyn, N. Y.—Receiving sets.
- BELL**—Bell Mfg. Co., 11 Elkins St., Boston, Mass.
- BESTONE**
- BELL**—Universal Insulation Co., 215 Emmet St., Newark, N. J.—Dials and sockets.
- BELLECLAIRE**—R. B. Radio Co., 117 West 51st St., New York City.—Receiving sets.
- BELL RADIO PRODUCTS**—Bell Mfg. Co., 11 Elkins St., Boston, Mass.—Bakelite dials, sockets, moulded insulation.
- BELTONE**—Bel-Tone Radio Co., 161 Jamaica Ave., Brooklyn, N. Y.—Variometers, binding posts, variocouplers, strips, inductance coils, kits.
- BEND-RITE**—Nestor Mfg. Co., 40 W. 13th St., New York City.—Bus bar bending tools.
- BENJAMIN**—Benjamin Electric Mfg. Co., 128 S. Sangamo St., Chicago, Ill.—Grid leaks, mountings, shock absorbing tube sockets.
- BENNETT**—Henry Bennett, 378 High St., Newark, N. J.—Sets.
- BENSON**—Benson Engineering Co., 2125 North Halsted St., Chicago, Ills.—Receiving sets, transformers.
- BENWOOD**—The Benwood Co., Inc., 1110 Olive St., St. Louis, Mo.—Motors, generators, C. W. sets, dials, knobs, headsets, loops, spark gaps, helix clips, audio frequency transformers.
- BENWOOD SPECIAL**—The Benwood Co., Inc., 1110 Olive St., St. Louis, Mo.—head sets.
- BERG**—Berg Auto Trunk & Specialty Co., Thompson Ave., Long Island City, New York.—Tables, cabinets.
- BERLO**—Ready Radio Co., 135 Liberty St., New York City.—Receiving sets.
- BERSTAN**—Berstan Radio Products Co., 99 Bedford St., Boston, Mass.
- BERWICK**—Triangle Electric Trading Co., Inc., 632 Broadway, New York City.—Loud speakers.
- BERWICK SUPREME**—Triangle Electro Trading Co., 632 Broadway, New York City.—Headsets.
- BESCO**—The Battery Equipment & Supply Co., 1638 S. Wabash Ave., Chicago, Ills.—Sealing compound, battery tools & equipment, hydrometers, clips, battery carriers.
- BEST**—The Best Radio Horn Mfg. Co., 398 - 1st Ave., New York City.—Attachments, loud speaker units, City.—Horns.
- BEST**—Best Mfg. Co., 75 Hudson St., Newark, N. J.—Phonograph head sets.
- BESTONE**—Henry Hyman & Co., Inc., 476 Broadway, New York City.—Variable condensers, crystal detectors, dials, headsets, plugs, receiving sets, sockets.

BETHLEHEM

BETHLEHEM — Bethlehem Wood Prod. Corp., Bethlehem, Pa.—Cabinets.

B-EX-L—Curtis-Ledger Fixture Co., 235 W. Jackson Blvd., Chicago, Ills.—Rechargeable. "B" Battery.

BEZELS

Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ills. **ERLA**. Nickel or Black 1-inch and 1½ inch 20 cents; Gold 1-inch and 1½ inch, 30 cents. Erla Patented Telescoping Bezel, 1½ inch nickeled, 20c; black, 20c; gold, 30c; 1 inch nickeled, 20c; black, 20c; gold, 30c.

Chas. Fischer Spring Company, 240 Kent Ave., Brooklyn, N. Y.

Martin-Copeland Company, 101 Sabin St., Providence, R. I. **MARCO**. 20 cents. 30 cents.

Frank M. Morse Company, 289 Congress St., Boston, Mass. **MORSE**.

Sheffield Trimming & Stamping Company, 211 Centre St., New York City. **STASCO**.

Spee-Dee Specialty Company, 27 Canal St., New York City. **HERCULES PROD.**

Waterbury Button Company, Waterbury, Conn. 1 inch, 1½ inch.

B-F—Barnes & Fehling Co., 1600 Walnut St., Philadelphia, Pa.

B-H FLEXIBLE RADIO TUBING —Bentley-Harris Mfg. Co., Elm and Ash Sts., Conshohocken, Pa.—Tubing.

BICCO—Ballston Insulating & Composition Co., Inc., Ballston Spa, N. Y.—Dials, knobs, sockets.

BIG JOE—Circle F Mfg. Co., Trenton, N. J.—Insulators.

BIG PYRAMID—Pyramid Products Co., 117 N. Dearborn St., Chicago, Ills.—Mounted crystals.

BIL DITT (The D Means Distance) —Essex Mfg. Co., 117 Mulberry St., Newark, N. J.—Knock down tube sets.

BILTMORE MASTER — Biltmore Radio Co., Boston, 30, Mass.—Receiving sets, variable condensers, audio frequency transformers, mahogany panels.

BINDING POST PARTS (see Insulation, moulded; Screw machine products)

BINDING POSTS

(note descriptive matter for classification, material used in manufacture, type, etc.)

Adams Radio Mfg. Company, 1044 W. Van Buren St., Chicago, Ills.
ADAMS

BINDING POSTS

Aerovox Wireless Corp., 489 Broome St., New York City. **AEROVOX**. Brass nickel plated, \$2.80 per c.; composition, \$3.60 per c.; Double nickel plated, 7 cents.

Ajax Electric Specialty Company, 1011 Market St., St. Louis, Mo. **AJAX**. Double, single and initialed tops, \$7.50, \$6.00, \$4.00 per 1,000 (insulated).

American Electric Company, Inc., 22 Prospect St., Newark, N. J. **AMEROID**.

American Hard Rubber Company, 11 Mercer St., New York City. **RADION**.

Amsco Products, Inc., Fairbanks Bldg., Lafayette & Broome Sts., New York City. **AMSCO**. Bakelite, non-removable head; Bakelite strip with binding posts.

Auburn Button Works, Inc., Auburn, N. Y.

A. & F. Electrical Manufacturing Company, 4213 North Ave., Chicago, Ills.

Ballston Insulating and Composition Company, Ballston Spa, N. Y. Plain and character.

The Barkeley Electric Manufacturing Company, Middleton, Ohio. Four-phone posts, for panel mounting, No. 628; four-phone post, for binding posts.

The Blake & Johnson Company, Waterbury, Conn.

Bronx Radio Equipment Company, 637 Courtlandt Ave., New York City. **BRECO**. Insulated, 8 cents; nickel-plated, 8 cents.

Bruno Radio Corp., 222 Fulton St., New York City. Nickel plated, \$15.00 to \$22.00 per 1,000.

De Jur Products Company, Lafayette and Broome Sts., New York City. **DE JUR**. Initialed, lettered. Also on Bakelite strips.

Etching Company of America, 1520 Montana St., Chicago, Ills. Binding post plates.

H. H. Eby Mfg. Company, 4710 Stenton Ave., Philadelphia, Penna. Composition initialed, insulated **ACE**. 10 cents; **ENSIGN**, 15 cents; **COMMANDER**, 20 cents. Tumble nickel. **MIDGET**, 9 cents; **BUDDY**, 11 cents; **CORPORAL**, 11 cents; **SERGEANT**, 15 cents; **SERGEANT S. S.**, 16 cents; **CAPTAIN**, 32 cents. Strip of seven, \$1.25. **EBY**. Metal, 8c. **EBY. TIP TOP**. 50c.

Specialists in Radio Advertising

IN advertising, as in every-
thing else, a specialist can
secure greater results than
the general practitioner.

We are specialists in Radio Adver-
tising. We know Radio, we know
the Radio market and how best to
appeal to it.

We would like to talk "Turkey" to
Radio manufacturers who have an
honest product, and show them
where to find and cultivate their
most profitable market. An inquiry
places you under no obligation.

United Service Advertising
972 Broad St. Newark, N. J.

Phones Mulberry 4606-4607-5141

BINDING POSTS (Continued)

- Fahnestock Electric Company, East Ave. and 8th St., Long Island City, N. Y. FAHNESTOCK. Spring.
- Forest City Rubber Company, 1276 Ontario St., Cleveland, Ohio. FOREST CITY. Plain.
- Forman & Company, 366 Greenwich St., New York City. Composition. FORMAN & CO., 2c; metal nickel plated, 1½c.
- General Insulate Company, 1009 Atlantic Ave., Brooklyn, N. Y. INSULATE, composition; HIHEET, Bakelite.
- Globe Phone Mfg. Company, Reading, Mass. GLOBE. Multiple connection, 25c pair.
- L. F. Grammes & Sons, Inc., Jordan and Union Sts., Allentown, Penna. GRAMMES.
- General Radio Company, 30 State St., Cambridge, Mass. GENERAL RADIO CO. Insulated, Type 138A, screw size 10-32, 25c; Brass, 10c to 15c.
- The G. H. Harris Company, 49 Clymer St., Brooklyn, N. Y. PARANITE. Composition, plain and initialed and unassembled. SPECIALISTS. From stock or customers' molds.
- The Hart & Hegeman Mfg. Company, 342 Capitol Ave., Hartford, Conn. H. & H. With molded top, nickel plated.
- The Hathway Company, Bridgeport, Conn. NU-WAY SNAP.
- Hoosick Falls Radio Parts Co., Inc., Hoosick Falls, N. Y. Plain and engraved.
- Howard Radio Company, 451-469 E. Ohio St., Chicago, Ills. HOWARD BINDING POSTS.
- U. T. Hungerford Brass & Copper Company, 80 Lafayette St., New York City. STAR BRAND.
- Kellogg Switchboard & Supply Company, 1066 W. Adams St., Chicago, Ills. Insulated. USE-IS THE TEST. 15c.
- King Quality Prod., Inc., Buffalo, N. Y. KING QUALITY. 8c., 10c. 12c., 15c.
- Walter C. Morris, 170 Rossiter Avenue, Yonkers, N. Y. Nickel plated, multiple binding post unit, 5 cents.
- Morris Register Company, Council Bluffs, Iowa. MORRIS.
- Frank W. Morse Company, 289 Congress St., Boston, Mass. Brass and insulated. MORSE EUREKA. 4c to 20c. Multiple connection, 25c, with plain and marked knobs, also with non-removable knobs. Spring grip, 25 styles and sizes.

BLARNEY STONE

- John C. Mucher, 109 Lafayette St., New York City. MUCHER.
- National Lead Company, Molding Division, 111 Broadway, New York City. Bakelite. Molded to specifications.
- Parkin Mfg. Company, San Rafael, Calif. PARKIN, PEAK OF PERFECTION. 2-piece cat. No. 46.
- Philmore Products Company, 105 Chambers St., New York City. Initialed.
- Radio Panel and Parts Corp., 59 Warren St., New York City.
- Radio Specialty Company, Inc., 96 Park Place, New York City. RASCO. 20c.
- Snap-on Electric Company, 1455 Rascher Ave., Chicago, Ills. SNAP ON.
- Spee-Dee Specialty Company, 271 Canal St., New York City. HERCULES PRODUCTS.
- United Radio Manufacturing Company, 191 Greenwich St., New York City. Nickel plated.
- Unity Mfg. Company, 224 N. Halstead St., Chicago, Ills. UNITY.
- Waterbury Button Company, Waterbury, Conn. Initialed and plain. Insulated binding posts.
- Waterbury Mfg. Company, Waterbury, Conn.
- X-L Radio Laboratories, 2424 Lincoln Ave., Chicago, Ills. X-L Push post. 15c. each.
- BIRD—Bird Radio Corp., Cincinnati, Ohio.—Crystal sets, amplifiers.
- BIRKMORTON — Birk-Morton Vacuum Products Co., Owensboro, Ky.—Vacuum tubes.
- BISBY—Bisby Mfg. Co., Inc., 54 Warren St., New York City.—Parts.
- BITS, AUGUR (see Tools)**
- BLACK BROS.—Black Bros., Co., Inc., Mendota, Ills.—Clamps.
- BLACKBURN—Blackburn Specialty Co., 1964 E. 66th St., Cleveland, Ohio.—Ground clamps.
- BLACK DIAMOND—National Industries, Inc., 154 Nassau St., New York City.—Receiving sets, variocouplers, binding posts, dials, head sets.
- BLADES (Wood working machinery, see Factory equipment, hand tools, see Tools)**
- BLAIR—Blair Radio Laboratories, 23rd St. and 6th Ave., New York City.—Receiving sets.
- BLANDIN TRIPLE "A"—Blandin Phonograph Co., Racine, Wis.—Radio cabinets.
- THE BLARNEY STONE — Hillebrand, Saratoga Springs, N. Y.—Crystal detectors.

B-LIMINATOR

- B-LIMINATOR**—J. S. Timmons, 339 E. Tulpehoken St., Philadelphia, Pa.—“B” current supply.
- BLITZ**—The Blitz Elec. Co., Inc., 3115 Archer Ave., Chicago, Ills.—Battery chargers.
- BLOOD**—Blood Tone Arm Co., 222 W. Madison St., Chicago, Ills.—Phonograph and radio tone arms.
- BLO-PRUF**—Radio Equipment Co., 20 Stuart St., Boston, Mass.—Vacuum tube fuses, tubes.
- BLUE BIRD** — Automatic Radio Mfg. Co., Inc., 28 Cross St., Boston, Mass.—One tube receiving sets.
- BLUE BIRD**—Guthrie Co., formerly Cleveland Apparatus Co., Grafton, Ohio—Receiving sets.
- BLUE SEAL**—Blue Seal Mfg. Co., 1408 S. Michigan Ave., Chicago, Ills.—Receiving sets.
- BLUE STREAK**—Marinette Elec. Corp., Marinette, Wis.—Phones.
- B-M**—Forbestos Prod. Co., 110 E. 42nd St., New York City.—Condensers, fixed.
- B-METAL**—B-Metal Refining Co., 521 Woodward Ave., Detroit, Mich.—Crystals.
- B-METAL**—A. H. Miller Co., 1259 W. Grant St., Detroit, Mich.—Crystals, crystal sets.
- B. M. S.**—Brooklyn Metal Stamping Co., 718 Atlantic Ave., Brooklyn, N.Y.—Jacks, balancing vernier condensers, couplers, oscillators, vernier dials, extension cord connectors, metal panels.
- BOB-O-LINK** — Guthrie Co., formerly Cleveland Apparatus Co., Grafton, Ohio—Receiving sets.
- BODINE**—Bodine Elec. Co., 2254 Ohio St., Chicago, Ills.—Motors, motors generators, loop aeriels.
- BOISSIER**—Boissier Radio Corp., 81 Tenth St., Long Island City, N. Y.—Sets.
- BOLDO**—Boldo Radio & Elec. Co., 2726 Master St., Philadelphia, Pa.—Tube and crystal sets.
- BONG BATTERY** (in diamond)—Bong Battery Corp., 3264 W. Grand Ave., Chicago, Ills.—“A” & “B” batteries.
- BONZA**—Haydon & Haydon, 73 Warren St., New York City—Binding posts, dials, adjusters, fixed grid leaks, variable grid leaks, amplifiers, coils, crystal mountings, resistors, vacuum tube sockets.

BOXES

- BOOKS** (on Radio subjects for resale in retail stores)
- Allied Engineering Institute, 1400 Broadway, New York City.
- Theo. Audel & Company, 65 W. 23d St., New York City.
- Archway Bookstore, 224 Pike St., Seattle, Wash. “How to Make Wireless Receiving Sets (Crystal)”, “How to Make Vacuum Tube Receiving.” 10c and 25c.
- Bremer-Tully Mfg. Company, 532 S. Canal St., Chicago, Ills. “NAMELESS.” Blue prints, \$1.00.
- Consrad Company, Inc., 233 Fulton St., New York City. CONSRAD CO., Inc. Books, hook-up.
- Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills.
- ERLA DUO-REFLEX** circuit blueprints, one, two, three, four and five tube. Blueprint, supereflex receiver, antenna, 1 tube, 25c; 2 tube, 35c, 3 tube, 50c; 4 tube, 50c; 5 tube, 50c; loop, 199.
- A. J. Hagstrom Company, Inc., 116 Nassau St., New York City. HAGSTROM'S. Reliable radio record, 25c.
- Radio Courses, Inc., 552 7th Ave., New York City. **THE RADIO READING COURSE**, \$1.97. **THE RADIO INSTRUCTOR**, \$1.00.
- Receptrad Press, 106 7th Ave., New York City. The super-hetrodyne manual.
- BOONE**—J. T. Boone Radio Corp., 3469 E. Jefferson Ave., Detroit, Mich.—Kits, transformers.
- BOROLON**—Abrasive Co., Bridesburg, Phila., Pa.—Factory machinery.
- BOSCH NO BATTERY** — American Bosch Magneto Corp., Springfield, Mass.—“B” current supply unit.
- BOSELLI**—Henry G. Boselli, 118 So. Second St., Lakeview, N. J.—Sets, receiving, cabinets.
- BOSWICK**—Boswick Elec. Mfg. Co., Montgomery & Lexington, Norwood, Ohio.—Sets, receiving.
- B-OUT**—Radio Products, Inc., Richmond, Ind.—“B” current supply units and kits.
- B-POWER GENERATOR** — MacFadden & Co., 22d and Arch Sts., Philadelphia, Pa.—“B” current supply units.
- BOX HOOKS** (see Hardware, cabinet)
- BOXES, BATTERY** (see Cabinets)
- BOXES, SHIPPING**
- Pequot Manufacturing Company, Manley & Thompson Avenue, Long Island City, N. Y. **PEQUOT**. Air cushion.

BRA

BRA—Continental Radio & Mfg. Co., Inc., Newton, Ia.—Receiving sets.

BRACH—L. S. Brach Mfg. Co., 129 Sussex Ave., Newark, N. J.—Grid leaks, electric soldering irons, telephone plugs, fixed crystals, antenna kits, self adjusting filament control, crystal detectors, solder, lightning protectors, lead-ins, insulators, rheostats.

BRACH-STAT—L. S. Brach Mfg. Co., 129 Sussex Ave., Newark, N. J.—Self adjusting filament control.

BRADLEY—Allen Bradley Co., 487 Clinton St., Milwaukee, Wis.—Rheostats, grid leaks, resistors, potentiometers, switches, variable condensers, vernier condensers.

BRADLEYDENSEK—Allen-Bradley Co., 487 Clinton St., Milwaukee, Wis.—Condensers, variable.

BRADLEYLEAK—Allen Bradley Co., 487 Clinton St., Milwaukee, Wis.—Grid leaks, condensers.

BRADLEYNIER—Allen-Bradley Co., 487 Clinton St., Milwaukee, Wis.—Verniers.

BRADLEYOHM—Allen-Bradley Co., 487 Clinton St., Milwaukee, Wis.—Resistors.

BRADLEYOMETER—Allen Bradley Co., 487 Clinton St., Milwaukee, Wis.—Potentiometers.

BRADLEYSTAT—Allen Bradley Co., 487 Clinton St., Milwaukee, Wis.—Rheostats.

BRADLEYSWITCH—Allen-Bradley Co., 487 Clinton St., Milwaukee, Wis.—Battery switches.

BRADLEYUNIT—Allen-Bradley Co., 487 Clinton St., Milwaukee, Wis.—Fixed resistors.

BRADY—A. C. Brady Co., 108-7th Ave., New York City.—Grid leaks.

BRAIDED ANTENNA WIRE (see Aerials; Wire)

BRASS

American Braiding Company, Holyoke, Mass. A. B. CO. Braids, sleeveings, cotton insulators.

BRASS WIRE (see Wire)

BRANSTON—Chas. A. Branston, 815 Main St., Buffalo, N. Y.—Transformers, outdoor lightning arresters, amplifiers, loop aerials, vernier dials, coils, receiving sets, jacks, loops, kits.

BRAUNSDORF - MUELLER—Braunsdorf-Mueller Co., 205 Madison St., Elizabeth, N. J.—Hand vises, radio tool sets, screw drivers, reamers.

BRAUN—The Braun Corp., 363-371 New High St., Los Angeles, Calif.—Hydrometers.

BROADCASTING

BREAK-NOT—E. Edelman & Co., 2332 Logan Blvd., Chicago, Ills.—Battery testers.

BREAZNELL—J. H. Breaznell, 136 Livingston St., Brooklyn, N. Y.—Dry battery connectors.

BRECO—Bronx Radio Equipment Co., 687 Courtland Ave., New York City—Amplifiers, audio frequency, turners, detectors and two-stage amplifiers, transformers, sockets, rheostats, switch stops, contact points, variable condensers, binding posts, jacks, variocouplers, inductance switches, horns, mounted crystals, receiving sets.

BREMER-TULLY—Bremer-Tully Mfg. Co., 532 S. Canal St., Chicago, Ills.—Couplers, oscillator, tubing.

BREVOLITE—Waukegan Chemical Co., Waukegan, Ills.—Cement.

BRIDGEPORT—Bridgeport Brass Co., Bridgeport, Conn.—Brass and bronze, socket shells, bases, goose-necks, and bells for loud speakers.

BRIDGES

Cambridge & Paul Instrument Company of America, Inc., 3512 Grand Central Terminal, New York City. Wheatstone, CAMBRIDGE. Prices vary with range desired.

General Radio Company, 30 State St., Cambridge, Mass. Capacity, \$160.00; Decade, \$125.00.

H. H. Woods, 910 Irving Park Blvd., Chicago, Ills. Medium price capacity bridge.

BRACKETS (see Hardware)

BRIGHTSON LABORATORIES—Brighton Labs., Inc., 34th St., Cor. Astor Court, New York City—Tubes.

BRIGHT STAR—Bright Star Battery Co., 15th St., and Riverhead, Hoboken, N. J.—“A,” “B,” and “C” dry cell batteries.

BRISTOL—The Bristol Co., Waterbury, Conn.—Amplifiers.

BRILLIANTONE—Capital Dist. Co., 25 West 18th St., New York City.—Loud Speakers.

BROADCAST—Broadcast Service Co., 1 Union Sq., New York City.—Aerials.

BROADCASTER—Broadcaster Corp., 2414 W. Cullerton Ave., Chicago, Ills.—Cabinets.

BROADCATCHER—The Monte Carlo Co., 1537 Broadway, New York City.—Complete crystal outfits.

BROADCASTING EQUIPMENT (see Sets, transmitting Arcs; Tubes; Microphones; Amplifiers, etc.)

BRONZA

BRONZA ALUMINA—The Bronzo Alumina Corp., 212 Winchester Ave., Buffalo, N. Y.—Aluminum castings.

BROOK-RAD—Brook-Rad Products Co., 577 Myrtle Ave., Brooklyn, N. Y.—Condensers variable.

BROOKS—Brooks Bank Note Co., 100 Hudson St., New York City—Display cartons.

BROOKS—Metric Metal Works of American Meter Co., Inc., Erie, Pa.—Condensers.

BRONX RADIO EQUIPMENT CO.—687 Courtlandt Ave., New York City—Crystal detectors.

BROWNING DRAKE—National Co., Inc., Cambridge 39, Mass.—Transformers.

BROWNLEE—Roland Brownlee & Co., 24 Saunders St., Medford, Mass.—Crystal detectors.

BRS—Bower Radio Shop, Reading, Mass.—Batteries.

BRU-NO—Bruno Radio Corp., 222 Fulton St., New York City.—Condensers, receiving sets, rheostats, engravings, sockets, inductance switches, switch points, binding posts, amplifiers, tuning coils.

BRYANT—Bryant Radio Tube Exchange, 453 Washington St., Boston, Mass.—Tubes.

B. S. M.—B. S. M. Radio Co., 29 N. 13th St., Philadelphia, Pa.—Tubing.

B-T—Bremer-Tully Mfg. Co., 532 S. Canal St., Chicago, Ills.—Variable condensers, fixed condensers, vernier tuning units, grid leaks, transformers, couplers, oscillators.

BTSCO—Branch Tool Sales Co., 508 South Dearborn St., Chicago, Ills.—Panel engraving machines.

BUDDY—The H. H. Eby Mfg. Co., 40 S. 7th St., Philadelphia, Pa.—Metal binding posts.

BUELL—Buell Mfg. Co., Cottage Grove at 30th St., Chicago, Ills.—Sockets, vacuum tube, condensers, variable, tuners.

BULL DOG—Firth Radio Corp., 25 Beaver St., New York City—Plugs.

BULL DOG—Boston Woven Hose & Rubber Co., Cambridge, Mass.—Tape.

BULL DOG—Mast Seat Mfg. Co., 19 Fifth St., S. E. Minneapolis, Minn.—Fittings, iron antenna pole.

BUNNELL—J. H. Bunnell & Co., 32 Park Place., New York City—Resistance coils, multiple rheostats, slide tuning coils, phonograph adapters.

BUSHINGS

BURKE—The Mydar Radio Co., 943 Campbell St., Newark, N. J.—Sockets.

BURN BOSTON—Burn Boston Battery & Mfg. Works, 80 Boylston St., Boston, Mass.—“A” & “B” dry cell batteries, earth grounds, ground rods, “A” wet cell batteries.

BURN - BOSTON - ADDWATER—Burn Boston Battery & Mfg. Co., 80 Boylston St., Boston, Mass.—“A” dry cells.

BURN - BOSTON - DOUBLE - LIFE—Burn Boston Battery & Mfg. Co., 80 Boylston St., Boston, Mass.—Knocked down “B” dry batteries.

BURNLEY—Burnley Battery & Mfg. Co., N. E. Pa.—Soldering sticks, paste, salts-outfits, solutions.

BURNS—American Electric Co., 65th and State St., Chicago, Ills.—Lightning arresters, loud speakers, loud speaking units, phonograph attachments.

BURT BUILT—Burt Bros., Inc., 2000 S. Ninth St., Philadelphia, Pa.—Cabinets.

BURT—Burt Bros., Inc., 2000 So. 9th St., Philadelphia, Pa.—Cabinets.

BURTON—Burton & Rogers, 755 Boylston St., Boston, Mass.—Tube Flasher.

BURTON-ROGERS—Burton Rogers, 26 Brighton Ave., Boston, Mass.—Ammeters & Voltmeters.

BURRELL—J. R. Burrell Co., 714 N. Cambridge Ave., Milwaukee, Wis.—Radio towers.

BUSS FUSES—Bussman Mfg. Co., 3819 No. 23rd St., St. Louis, Mo.—Fuses.

BUSHINGS

Campbell Fibre Company, Stanton, Del.

M. M. Fleron & Son, Inc., 113 N. Broad St., Trenton, N. J.

FLERON. Lead-in black porcelain, black glaze, \$1.10.

Frontier Bronze Corp., Niagara Falls, N. Y. **FRONTIER**. Bronze.

Liberty Metal Prod., Berea, Ohio. **BEAN RADIO**. Special. Brass.

Frank W. Morse Co., 289 Congress St., Boston, Mass. Mountings, 5c.

National Lead Company, Molding Division, 111 Broadway, New York City. Bakelite. Molded to specifications.

Telephone Maintenance Company, 20 S. Wells St., Chicago, Ills. **TELMACO**.

BUSHINGS (Continued)

Waterbury Button Company, Waterbury, Conn. For dials $\frac{1}{4}$ to $\frac{3}{16}$ inch.

Waterbury Mfg. Company, 236 Grand St., Waterbury, Conn. Brass.

BUSHKILL—Doyle-DaCosta Mfg. Co., Easton, Pa.—Coils.

BUZZERS

Ajax Electric Company, 18 Palmer St., Cambridge, Mass. **AJAX HYTONE**. \$1.00.

General Radio Company, 30 State St., Cambridge, Mass. **GENERAL**

CABINETS

RADIO CO. Type 178, A and B. \$2.00. High frequency.

BY-PASS CONDENSERS (see Condensers, fixed)

BUZZOPLEX—J. H. Bunnell & Co., 32 Park Place, New York City—Practice sets.

B & E—Erbco, Inc., 125 Church St., New York City. — Wire stripping tools.

B & P.—Banister & Pollard Co., 206 Market St., Newark, N. J. — Moulded aerial insulators.

C

CABELUG—Howard B. Jones, 612 S. Canal St., Chicago, Ills.—Battery cable and connecting block.

CABINET FIXTURES (see Hardware)

CABINET LOUD SPEAKERS (see Loud speakers)

CABINET SETS (see Sets, receiving)

CABINETS

(unless otherwise specified all cabinets are of wood, ready to insert receiving set)

Abingdon Mfg. Corp., Abingdon, Ills.

Ahbell Battery Container Corp., Terminal Bldg., Waukegan, Ills.

AHNBELL. One piece. Boxes for batteries.

American Cabinet Works, Belmar, N. J.

American Chest Company, 180 N. Market St., Chicago, Ills.

American Radio Cabinet Company, Grand Rapids, Mich. Consoles, small cabinets, production orders.

Armley Radio Corporation, 68 Fleet St., Jersey City, N. J. **KARRY-ADIO**. Portable cases.

The Art Novelty Company, Goshen, Ind.

Atlas Colonial Corp., East Avenue and 10th St., Long Island City, N. Y. **ATLAS**.

Baldwin Radio Electric Mfg. Company, 684-691 Bergen St., Brooklyn, N. Y. **BALDWIN**.

Blandin, Racine, Wisc. **BLANDIN TRIPEL-A**. Cabinets. Console, \$60.00; semi-console, \$40.00; battery table, \$26.00; duplex, \$22.50; cabinets also built to specifications.

Henry G. Boselli, 118 S. Second St., Lakeview, N. J. **BOSELLI**. Mahogany console, cabinet.

Berg Auto Truck & Specialty Co., Thompson Ave., Long Island City, N. Y. Covered with Leather-Grained Fabricoid.

Burt Bros., Inc., 2000 S. 9th Street, Philadelphia, Pa. Console Type.

Carlson Cabinet Works, 21 Market St., Jamestown, N. Y. **KARLSON CABINET**. \$7.50 to \$30.00.

M. A. Carpell, 110 W. 40th St., New York City. All kinds and sizes. Artistic highboy radio designs. Direct from factories. Estimates furnished.

Chicago Case Co., 213 North Morgan St., Chicago, Ills. **CHICAGO CASE CO.** Portable cases.

Chicago Phono Mfg. Company, 5127 South State St., Chicago, Ills. Style C, \$50; Style D, \$52; Style E, \$55; Style F, \$53; Style G, \$60; Style H, \$40.

Columbia Mantel Company, 175 Power St., Cor. Graham Ave., Brooklyn, N. Y. Console Type and others. Gen. mahogany or burl walnut panels, self-contained \$23.00 to \$88.00. Also to order. Consoles with phonograph and radio compartments.

Davenport Hickory Corp., 327 South La Salle St., Chicago, Ills. Radio cabinets, consoles, tables.

Diamond State Fibre Company, Bridgeport, Penna. **VULCAWOOD**.

L. R. Donehue Corp., Perth Amboy, N. J. **ADAPTO**. Console. highboy type cabinets.

Ebco Radio Cabinet Co., 408 W. 27th St., New York City.

The Ehlert Cabinet Company, Waukesha, Wisc.

Empire United Hat Block Company, Inc., 312 E. 22nd St., New York City. **EMPIRE**.

Evansville Top & Panel Company, Evansville, Ind. **EVANSVILLE**. Furniture & phono cabinet construction.

Excello Products Corp., 4826 W. 16th St., Cicero, Ills. Consoles, stands, desks, radio combination speaker. Receiver cabinets.

Henry Frank, Junior, Inc., 380 Hudson St., New York City. **ECLIPSE**.

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CABINETS (Continued)

P. H. Fuller Company, Inc., 365 Gerard Ave., New York City. FULLER.

Howe Auto Products Company, 120 N. Green St., Chicago, Ills. HOWE PORTABLE RADIO CASE. Self contained loud speaker and loop antenna, battery compartment. Complete, including special horn, \$45.00.

Ideal Radio Cabinet Company, 281 Vermont St., Blue Island, Ills. IDEAL. Wood; loud speaker consoles; also build consoles of special design to order.

John O. Jesse Mfg. Company, Bryan, Ohio. JESSE.

Jewett Radio & Phonograph Company, 5662 Telegraph Road, Pontiac, Mich. "JEWETT." Manufactured on quality orders only to customers' specifications, with or without self-contained "SUPER-SPEAKER." PARKAY. Standard sizes.

Kellogg Switchboard & Supply Company, 1066 W. Adams St., Chicago, Ills. \$8.00.

K. & S. CABINETS, Inc., 75 Main St., Astoria, L. I., N. Y.

Lakeside Supply Company, 73 W. Van Buren St., Chicago, Ills.

Maitland & Spencer Roach, 2905 Columbia Ave., Philadelphia, Pa. FRANKLIN SPENCER CABINET. Unassembled. 6x24x7.

Manufacturers Phonograph Company, 95 Madison Ave., New York City.

R. A. McKinney, Union Trust Bldg., Pittsburgh, Pa. ETHEROLA.

Morris Register Company, Inc., Council Bluffs, Iowa. MORRIS "A" BATTERY CABINET, \$6.50. MORRIS "B" BATTERY CABINET, \$6.50. Battery acid proof. Also Zinc radio cabinets.

Nightingale Cabinet Company, Inc., 543 Union St., Brooklyn, N. Y. NIGHTINGALE. Phonograph and radio.

Orsenigo Company, Inc., 383 Madison Ave., New York City. ORSENIGO. Period cabinets.

Page Cabinet Company, Broadway at Hampshire St., Cambridge, Mass. Built to order for radio manufacturers in quantity lots only. Mahogany, walnut, quartered gum, brick, etc.

The Parker-Young Company, 131 State St., Boston, Mass. PYCO. Radio furniture in mahogany or walnut. Cabinet, \$16.00; console, \$20.00.

Partridge Factory Associates, Inc., 665 E. 17th St., Brooklyn, N. Y. PARTRIDGE. Consoles, all types.

CABINETS

Perfection Phonograph Company, 203 Lewis St., New York City. Upright and console. Loud speaker.

Perkins Phonograph Company, 831 N. Wood St., Chicago, Ills. Consoles. Wood.

Radio Cabinet Company, 1772 Frankford Ave., Philadelphia, Pa. RADIO CABINET CO. Knockdown.

The Radio Guild, 178 Commerce St., Newark, N. J. RADIO GUILD. Knockdown.

Radio Master Corp. of America, Bay City, Mich. Console type.

Radio Shop, Batesville, Ark. Glass.

Raulf Mfg. Company, 562 Vedder St., Chicago, Ills. RAULF. Console.

Salisbury Bros. Furniture Company, Randolph, Vt.

Schutz Bros., Inc., 152 Chambers St., New York City. SCHUTZ BROS., INC. Battery.

Signal Electric Mfg. Company, Menominee, Mich. SIGNAL. Type S, 7x12x8, \$9.00; type F, \$5.00; type S, 7x18x9, \$10.50; type F, \$5.75; type S, 7x21x9, \$11.50; type F, \$6.00; type S, 7x24x9, \$12.50; type F, \$6.50; type S, 7x26x9, \$13.50; type F, \$7.00; type S, 7x28x9, \$14.00; type F, \$7.50; type S, 8x30x9, \$15.00; type F, \$8.00; type S, 7x21x10, \$12.50; type F, \$7.00.

Southern Toy Company, Hickory, N. C. THE IVEYLINE. Mahogany finish, 6-in. Desks. Radio cabinets, mahogany finished and solid walnut. Choice 7½ or 10-in. in depth. Baseboards free. Piano hinges and lid supports.

Standard Cabinet Mfg. Company, E. Canal St., Peru, Ind. STANDARD CABINET MFG. CO.

H. A. Stiles & Company, 166 Portland St., Boston, Mass. HASCO.

Trenton Wood Specialty Company, Stokes Ave. and P. R. R., Trenton, N. J. Standard size cabinets made of mahogany, walnut, birch, gum. With or without wood horn loud speaker.

The Udell Works, Inc., 28th St. at Barnes Ave., Indianapolis, Ind. UDELL.

Union Tool Chest Company, Inc., 19 Hand St., Rochester, N. Y. UNION.

Universal Battery Company, 3410 S. La Salle St., Chicago, Ills. UNIVERSAL. Boxes for batteries.

Vermont Toy & Novelty Company, Inc., 50 Union Square, New York City. Box and desk type.

The Wabash Cabinet Company, Wabash, Ind.

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CABINETS (Continued)

Wasmuth-Goodrich Company, Peru, Ind. **PHONORADIO**.

Windsor Furniture Company, 1420 Carroll Ave., Chicago, Ills., and 917 Maple Ave., Los Angeles, Calif. **WINDSOR**. With or without loud speaker.

Wolf Manufacturing Industries, Quincy, Ills. "**MASTERCRAFT**."

Wright Radio Mfg. Company, 1466 Selby Ave., St. Paul, Minn. **WRIGHT**.

CABINETTE—Trimm Radio Mfg. Co., 24 South Clinton St., Chicago, Ill.—Cabinet speakers.

CABINETTE—American Radio & Research Corp., Medford Hillside, Mass.—Receiving set.

CABLES

(two or more pair of connecting wires, bound together, for the purpose of connecting batteries, etc., to receiving sets)

American Braiding Company, Holyoke Mass. **A.B.CO. Cables**. "**LUSTERIZED**." Battery and conductor.

American Wireless Corp., 54 W. 23d St., New York City. **AMERICAN WIRELESS**. With battery clip, \$1.00.

Belden Mfg. Company, 23rd St. and Western Ave., Chicago, Ills. Braided and stranded copper. Battery connecting cables.

Consolidated Wire & Associated Corporations, Chicago, Ills. **CONDUCTOR** battery cable.

De Luxe Sales Company, 112 Trinity Place, New York City. **DE LUXE**. 100 ft. reels, Mfgs. Color code. Sc. ft. Battery.

Goodrich Lenhart Mfg. Company, Hambury, Penna. **GOODRICH-LENHART**.

Howard B. Jones, 614 S. Canal St., Chicago, Ills. **JONES**. Cabelug \$1.00. Battery.

Keizer & Legrand Mfg. Company, Hadley Falls, Mass.

Runzel-Lenz Electrical Mfg. Company, 1751 N. Western Ave., Chicago, Ills. Battery cables; head set cord.

Spee-Dee Specialty Company, 271 Canal St., New York City. **HERCULES PROD.**

The Super-Insulated Wire Company, 115 Sandwich St., Plymouth, Mass.

CABLE, LITZENDRAHT (see Wire)

CADILLAC—Cadillac Radio Mfg. Co., 1141 Pingree Ave., Detroit, Mich.—Battery charging switch.

CAL—California Radio Minerals, 904 Oak Grove Ave., Burlingame, Calif.—A 1 Crystals.

CARBON

CALDIDO & IDEAL—The Electrical Alloy Co., Morristown, N. J.—Wire.

CALDWELL—Knox Corp., Broad cor. Ferris St., Galesburg, Ills.—Sockets.

CALIFORNIA NIGHTINGALE — Stentorfone Co., 784 Ceres Ave., Los Angeles, Calif.—Loud speaker units.

CALLOPHONE—Callaphone Co. of N. Y., 151 Grand St., N. Y. City.—Loud Speakers, Head Sets, Phonograph Attachments.

CALRAD—California Radio Products Co., Los Angeles, Calif.—Detectors, crystal.

CALUMET—Calumet Storage Battery Co., 10113 Indianapolis Ave., Chicago, Ills.—"A" and "B" batteries.

CALVERT—Calvert Specialty Co., Inc., 141 N. 11th St., Philadelphia, Pa.—Panels, celeron, panel engraving, Calvert loop.

CAMBRIDGE —Cambridge Instrument Co., Inc., 3512 Grand Central Terminal, New York City.—Volt meters, unipivot meters, thermogalvanometers, Wheatstone bridges.

CAMCO—Cannon & Miller Co., Inc., Springwater, N. Y.—Loud speakers.

CAMCO CANNONBALL—Cannon & Miller Co., Inc., Springwater, N. Y.—Headsets.

CAMCO GRAND—Cannon & Miller Co., Inc., Springwater, N. Y. — Headsets.

CAMDEN—Camden Cabinet Works, 1025 Everett St., Camden, N. J.—Cabinets.

CAMPBELL—Perkins Campbell Co., 410 New St., Cincinnati, Ohio—Cabinets.

CAMPBELL—Campbell Wire Specialty Works, 1001 S. Main St., South Bend, Ind.—Box handles, Wire.

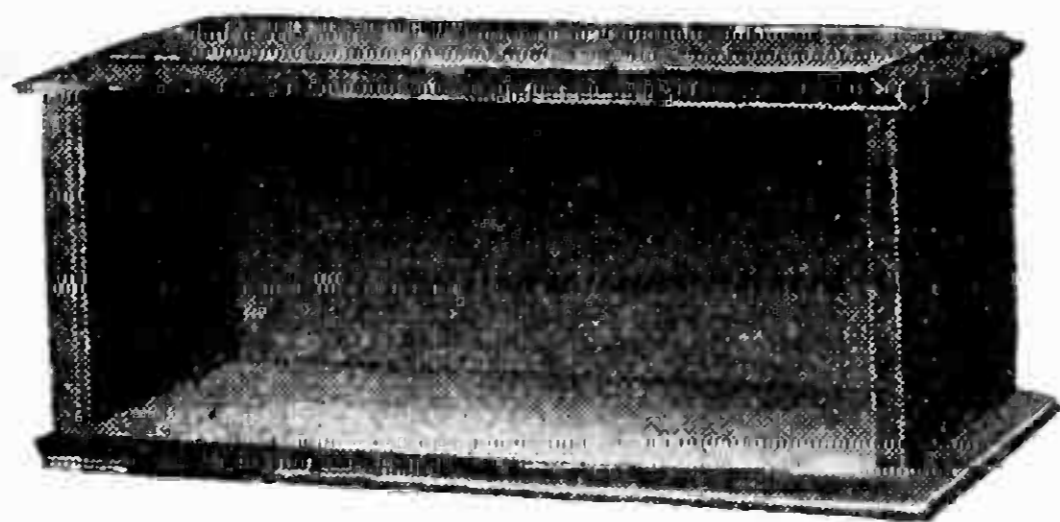
CANFIELD—Canfield Rubber Co., Bridgeport, Conn.—Rubber tubing, washers, etc.

CANNONBALL—Cannon & Miller Co., Inc., Springwater, N. Y.—Headsets.

CAPTAIN—The H. H. Eby Mfg. Co., 40 S. 7th St., Philadelphia, Pa.—Metal binding post.

CARACO—Carolina Radio Co., 306 N. Tryon St., Charlotte, N. C.—Condensers, rheostats, dials, sockets.

CARBON BURN-BOSTON—Burn Boston Battery Mfg. Co., 80 Boylston St., Boston, Mass. — Earth grounds.



Radio Cabinets

B-9	Height	7"	length	9"	depth	7"	.....	List	\$3.20
B-12	Height	7"	length	12"	depth	7"	.....	List	\$3.60
B-14	Height	7"	length	14"	depth	7"	.....	List	\$4.00
B-18	Height	7"	length	18"	depth	7"	.....	List	\$4.40
B-21	Height	7"	length	21"	depth	7"	.....	List	\$4.90
B-24	Height	7"	length	24"	depth	7"	.....	List	\$5.30
B-26	Height	7"	length	26"	depth	7"	.....	List	\$5.70
B-27	Height	7"	length	27"	depth	9"	.....	List	\$6.00
B-28	Height	7"	length	28"	depth	8"	.....	List	\$6.40
B-30	Height	7"	length	30"	depth	8"	.....	List	\$7.00
B-36	Height	8"	length	36"	depth	8"	.....	List	\$8.40
B-40	Height	8"	length	40"	depth	8"	.....	List	\$9.20

Each is wrapped in paper to protect the finish, and packed individually in corrugated shipping cartons.

Made from Wood, and finished in Black or Mahogany Moriscote. This is the latest development in Cabinet finishes, and produces a wearing surface as durable as glass, and which cannot be scratched or dented. This finish also prevents lids or sides changing their shape after it is applied. The lids are accurately fitted and panel openings accurate in size. Four rubber feet are attached to the corners at the bottom of each Cabinet. Hinges and all hardware are of brass, heavily nickel-plated and polished.

Knock-Down Cabinets

Complete parts for the above Cabinets unfinished, and shipped in knock-down form, but complete with hinges and rubber feet, packed in individual shipping cartons.

KD-14	Height	7"	length	14"	depth	7"	.....	List	\$2.25
KD-18	Height	7"	length	18"	depth	7"	.....	List	\$2.50
KD-21	Height	7"	length	21"	depth	7"	List	\$3.00
KD-24	Height	7"	length	24"	depth	7"	List	\$3.50

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CARBORUNDUM

CARBORUNDUM — The Carborundum Co., Niagara Falls, N. Y.—Crystal detectors.

CARCO—The Carter Mfg. Co., 1278 Coit Ave., E. Cleveland, Ohio—Inductance coils, variocouplers, variometers, receiving sets.

CARD BOARD TUBES (see Tubes, paper)

CARDINAL—Charles Fischer Spring Co., 240 Kent Ave., Brooklyn, N. Y.—Jacks, switches.

CARDINAL—Guthrie Co., Grafton, Ohio—Receiving sets.

CARDWELL—The Allen D. Cardwell Mfg. Corp., 81 Prospect St., Brooklyn, N. Y.—Variable air condensers, transformers, receiving sets, couplers.

CARCO—Carter Mfg. Co., 1278 Coit Ave., Cleveland, Ohio.—Coils.

CARJOH—Carlson & Johnson Machine Co., 473 Horton St., Wilkes-Barre, Pa.—Fixed and variable condensers.

CARNIVAL—Kardon Products Co., Inc., 451 Greenwich St., New York City.—Receiving sets.

CARTER—Carter Radio Co., 300 S. Racine Ave., Chicago, Ills.—Fixed condensers, vernier control potentiometers and rheostats, loop aerials, jack switches, jacks, dials, knobs, switches, name plates.

CARTER HOLD TITE JACK — Carter Radio Co., 300 S. Racine Ave., Chicago, Ills.—Jacks.

CARTER IMP JACK — Carter Radio Co., 300 S. Racine Ave., Chicago, Ills.—Jacks.

CARTER PORTABLE—Carter Radio Co., 300 S. Racine Ave., Chicago, Ill.—Jacks.

CARTER RESISTANCE UNITS—Carter Radio Co., 300 S. Racine Ave., Chicago, Ill.—Resistance units. Rheostats.

CARTER TU-WAY—Carter Radio Co., 1811 Republic Bldg., Chicago, Ill.—Plugs.

CASTINGS

Aluminum Company of America, 230 Oliver Bldg., Pittsburgh, Pa. **ALUMINUM CO.**

Barlow Foundry, Inc., 551 New Jersey R. R. Ave., Newark, N. J. Gray iron.

Doehler Die Casting Company, Court and 9th Sts., Brooklyn, N. Y. **DOEHLER**. Aluminum, zinc, tin, lead and base alloys. "DO-DI" finished brass and bronze castings.

Harry W. Hahn Mfg. Company, 627 S. San Pedro St., Los Angeles, Calif. **ACCURACY FIRST.**

Parker White Metal & Machine Company, Erie, Pa. Die castings of white metal.

CEL-A-LITE

Republic Die Casting Company, 130 Mott St., New York City. **RE-PUBLIC.**

CASES, SHIPPING.

Pequot Manufacturing Company, Manley & Thompson Ave., Long Island City, N. Y. **PEQUOT**. Air cushion.

CASWELL-RUNYAN — Caswell-Runyan Co., Huntington, Ind.—Tables, table cabinets.

CATSCO—Consolidated Auto Trunk & Specialty Corp., 1819 Broadway, New York City—Cabinets.

CAT WHISKERS

California Radio Minerals, 904 Oak Grove Ave., Burlingame, Calif. A-1.

Foote Radio Corp., 1609 Summer St., Philadelphia, Pa. Single, 2-inch, **TRIPLE LENGTH**. Gold, 50c. Brush-tip, **VARIOTENSER**. Gold, 50c.

Forman & Company, 366 Greenwich St., New York City. **FORMAN & COMPANY**. German silver, 5c. each; 2 in envelope.

C. E. & H. T. Hargraves, 1103 Warwick Ave., Lakewood, R. I. Gold, 15c.

Jaynson Labs., 57 Dey St., New York City.

Keystone Products Company, 304 Gardenia Ave., Royal Oak, Mich. **KEYSTONE**. Gold, 15c.

The A. H. Miller Radio Company, 1259 W. Grand Blvd., Detroit, Mich. **PLATINE**. 25c.

Walter C. Morris, 170 Rossiter Ave., Yonkers, N. Y. **GOLD MEDAL**, 25c.; **SILVER**, 15c.; phosphor bronze, German silver, 5c.

Star Crystal Company, 525 Woodward Ave., Detroit, Mich. **TRI CAT**.

Taylor Electric Company, 1206 Broad St., Providence, R. I. **RADI-CLEAR**. 15c.

T. N. T. Radio Products Company, 1344 Fillmore St., San Francisco, Calif. **DESERT CACTUS**.

U. C. Battery & Electric Company, 2156 University Ave., Berkeley, Calif. **IXL**. Gold. 25c.

Westville Mfg. Company, Westville, N. J. W.C. Silver, 15c; gold, 25c.

CE—C.E. Mfg. Co., 702 Eddy St., Providence, R. I.—Tubes.

CECILIAN—Ampere Radio Corp., 503 Fifth Ave., New York City—Tubes.

CECO—Providence Distributing Co., 625 Westminster St., Providence, R. I.—Vacuum tubes.

CEL-A-LITE—Denver Electrical Labs. Co., 39th Ave. & Williams St., Denver, Colo.—Display stands.

CELORON

CELERON—Diamond State Fibre Co., Bridgeport, Pa.—Tubing, insulation, panels.

CELERUNDUM—Celerundum Radio Products Co., 76 Woodbine St., Wollaston, Mass.—Crystal detectors, mounted crystals, fixed detectors.

CELESTAPHONE — Square Deal Radio & Elec. Co., Fenton, Mich.—Receiving sets.

CELLOMETER—Cellokay Mfg. Co., 175 5th Ave., New York City.—Battery tester.

CELLULAK—Irvington Varnish Insulator Co., Irvington, N. J.—Spaghetti tubing.

CEMENT

Daniel Specialty Company, 5232 Melrose Ave., Los Angeles, Calif. DSC. Radio.

Kellogg Switchboard & Supply Company, 1066 W. Adams St., Chicago, Ill. **LIQUID SPAGHETTI**. White, brown, black, green and red. Per 2-oz. bottle, 25c.

Phenix Aircraft Products Company, Williamsville, N. Y. **PHENIX**.

Waukegan Chemical Company, Waukegan, Ill. Radio cement.

C. E. MUNSON CRYSTAL—Radio Engineering Co., 16 Union Ave., New Rochelle, N. Y.—Crystals.

CENCO — Central Scientific Co., 460 E. Ohio St., Chicago, Ill.—Galvanometers, meters, Wheatstone bridges, rheostats, potentiometers.

CENTI-COUPLER — G. H. Fischer & Co., 2604 Myrtle Ave., Glendale, L. I., N. Y.—Vario-couplers.

CENTRALAB—Central Radio Labs., 303 16th St., Milwaukee, Wis.—Potentiometers, switches, grid leaks, rheostats.

CENTRAL STATES—Central States Steel Equipment Co., Joliet, Ill.—Cabinets, battery boxes, battery cabinets.

CENTURY—Waterbury Button Co., Waterbury, Conn.—Transformers.

CERTIFIED—Radio Condenser Co., Thorne & Copewood St., Camden, N. J.—Variable condensers.

CETEC—Connecticut Tel. & Elec. Co., Meriden, Conn.—Moulded insulation.

C-H—The Cutler-Hammer Mfg. Co., Milwaukee, Wis.—Radio switches, Potentiometers, radio resistance units, rheostats.

CHARGERS, BATTERY (see Battery chargers)

CHALLENGE—C. F. Young & Co., 907 Sunnyside Ave., Chicago, Ill.—Receiving sets.

CHAMPION—Champion Carbon Mfg. Co., 307 First National Bank

CHICAGO

Bldg., Cincinnati, Ohio.—“A,” “B” and “C” dry cells.

CHAMPION—Union Hdwe. Co., 535 Migeon Ave., Torrington, Conn.—Screw drivers.

CHAMPION FIVE—Electrical Supply & Radio Corp., 17 Warren St., New York City.—Receiving Sets.

CHAMPION — Champion Radio Products Co., 1400 E. 47th St., Chicago, Ill. — Receiving sets, vacuum tube sockets.

CHAMPION—Union Hardware Co., 535 Migeon Ave., Torrington, Conn.—Drivers, screw, hack saw frames.

CHAMPION ACCUMULATOR — Hector C. McRae, 314 St. Paul St., Baltimore, Md.—“A” Storage batteries.

CHAPMAN—The Chapman Machine Co., Terryville, Conn.—Soldering irons.

CHARLOTTE—Charlotte Furniture Co., Charlotte, Mich. — Cabinets, wood.

CHARMITONE LOUD SINGER—Dual Loud Speaker Co., 210 W. 54th St., New York City.—Loud speakers.

CHASE—Chase Metal Works, 236 Grand St., Waterbury, Conn.—Brass and copper tubing, rod and wire.

CHELLO—Trimm Radio Mfg. Co., 24 So. Clinton St., Chicago, Ill.—Cabinet Speakers.

CHELSEA—Chelsea File Works, Sherman St., Norwich, Conn.—Files and Rasps, special files for hard rubber, composition and radio work.

CHELSEA—Chelsea Radio Co., 173 Spruce St., Chelsea, Mass.—Vario-couplers, variable vernier condensers, variable condensers, transformers, rubber or composition dials, receiving sets.

CHELTEN—Chelten Elec. Co., 4859 Stenton Ave., Philadelphia, Pa.—Vacuum tube sockets, rheostats, variable condensers, plugs, jacks, detector crystals.

CHELTEN MICRAFARAD, JR.—Chelten Electric Co., 4859 Stenton Ave., Philadelphia, Pa.—Variable condensers.

CHELTEN MIDGET VERNIER—Chelten Electric Co., 4859 Stenton Ave., Philadelphia, Pa.—Variable condensers.

CHICAGO—Chicago Case Co., 313 No. Morgan St., Chicago, Ill.—Portable cases.

CHICAGO—Chicago Nut Mfg Co., 109 Lafayette St., New York City —Washers, screw machine products, screws, nuts.

CHICAGO

CHICAGO—Chicago Nut Mfg. Co., 2513 W. Cullerton St., Chicago, Ills.—Brass and copper washers.

CHICAGO MICA—Chicago Mica Co., Lincoln & Campbell Sts., Valparaiso, Ind.—Tape.

CHOKE COILS (see Coils)

CHROMEL—Hoskins Mfg. Co., Detroit, Mich.—Wire, resistance.

CHUM—Work Rite Mfg. Co., 1812 E. 30th St., Cleveland, Ohio.—Receiving sets.

CHURCHILL MADE — Churchill Cabinet Co., 2119 Churchill St., Chicago, Ills.—Cabinets.

C I C —The Connecticut Instrument Co., Inc., 219 South St., Stamford, Conn.—Head sets, phonograph attachments, loud speakers, plugs, vacuum tube bases, loud speaker units, phonograph adapters.

CICO — Consolidated Instrument Co. of America, Inc., 41 East 42nd St., New York City—Switches, rheostats, jacks, plugs.

CINCINNATI AUTOMATIC MACHINE CO.—Cincinnati Automatic Machine Co., Cincinnati, Ohio.—Screw machines, screw machine products, automatic multiple spindles.

CINCODYNE—Blue Seal Mfg. Co., 1408 S. Michigan Ave., Chicago, Ills.—Receiving sets.

CIRCLES

Aluminum Co. of America, 2301 Oliver Bldg., Pittsburgh, Pa.

ALUMINUM CO. Aluminum.

CIRCLE F—Circle F Mfg. Co., Trenton, N. J.—Insulators, lightning arresters, sockets.

CIRCLE-H—Hinsdill Electric Co., 225 River St., Troy, N. Y.—“A” Storage Batteries.

CIRCLE T—Trumbull Electric Mfg. Co., Plainville, Conn.—Switches, insulators.

CIR-KIT—Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills.—Superflex kit.

C. L.—Curtis Ledger Fixture Co., 235 W. Jackson Blvd., Chicago, Ill.—Loud speakers.

CLARAD—Machen Elect. Mfg. Co., 4639 E. Thompson St., Philadelphia, Pa.—Sets Receiving.

CLARATONE — Equitable Radio Corp., 345 Madison Ave., New York City.—Sets, receiving.

CLARATUNER — American Mechanical Labs. Inc., 285 No. 6th St., Brooklyn, N. Y.—Tuners.

CLARAVOX—The Claravox Co., 339 W. Federal St., Youngstown, Ohio.—Loud speakers.

CLIPS

CLARION — Perkins Phonograph Co., 831 N. Wood St., Chicago, Ills.—Loud speakers.

CLARION — Radio Supply Co., Hornell, N. Y.—Headphones.

CLARIPHONE—The Colytt Laboratories, 565 W. Washington St., Chicago, Ills.—Attachment for headphones, variable grid leaks.

CLARK—James Clark, Jr. Electric Co., 520 W. Main St., Louisville, Ky.—Drills, electric portable.

CLAROSTAT—American Mechanical Labs. Inc., 285-287 No. Sixth St., Brooklyn, N. Y.—Rheostat.

CLEARCO—Clearco Crystal Co., Idaho Springs, Colo.—Crystals.

CLEARFIELD—Liberty Mail Order House, 106 Liberty St., New York City—Receiving sets.

CLEARTONE—Cleartone B Battery Co., 178 Varick St., New York City—“B” Batteries.

CLEARTONE—The Cleartone Radio Co., 2427 Gilbert Ave., Cincinnati, Ohio.—Receiving sets, loops.

CLEARTRON—Cleartron Vacuum Tube Co., 25 West 43rd St., New York City.—Tubes.

CLEARVIEW — Francis L. Freas Glass Works, Conshohocken, Pa.—Hydrometers.

CLEPCO—The Cleveland Products Co., 2184 E. Ninth St., Cleveland, Ohio.—Dials, transformers and sockets.

CLE-RA-TONE — Benjamin Electric Mfg. Co., 128 S. Sangamon St., Chicago, Ills.—Sockets.

CLEVELAND—Cleveland Products Co., 714 Huron Road, Cleveland, Ohio—Receiving sets.

CLIFTONE—Cliftone Mfg. Co., 65 Brookside Ave., Boston, Mass.—Tape.

CLIN-TONE-LA—R. B. Field & Co., 10 Clarence St., Worcester, Mass.—Crystal receiving sets.

CLIPS

(connector clips, battery clips)

Fahnestock Electric Company, Long Island City, N. Y. **FAHNE-STOCK.**

Frankel Connector Company, Inc., 1146 Broadway, New York City.

FRANKEL. Battery charging; electrical testing.

Chas. F. Hartung Company, 730 E. 61st St., Los Angeles, Calif. **PEER-LESS.** Battery.

Kodel Mfg. Company, 507 E. Pearl St., Cincinnati, Ohio. **GRIP-TITE.**

CLIPS (Continued)

Frank W. Morse Co., 289 Congress St., Boston, Mass. MORSE EUREKA. Spring.

Morris Register Company, Council Bluffs, Iowa. MORRIS.

John J. Mucher, 109 Lafayette St., New York City. MUCHER. A, B, C battery.

Mueller Elec. Company, 1583 E. 21st St., Cleveland, Ohio. UNIVERSAL and PEE-WEE UNIVERSAL, 12½c.; Pee-Wee, 5c.

Parker-Aeolus Corp., 161 Grand St., New York City. 5 STAR ART WORK. Battery and test.

Sheffield Trimming & Stamping Corp., 211 Centre St., New York City. STASCO. Battery.

H. B. Sherman Mfg. Company, Battle Creek, Mich. SHERMAN.

Steele & Johnson Company, 779 S. Main St., Waterbury, Conn. S. & J.

Valley Electric Company, 3157 S. Kingshighway, St. Louis, Mo. VALLEY BATTERY CLIP. For storage battery connections.

Waterbury Button Company, Waterbury, Conn. TRI-CLIP. Battery.

Webster Electric Company, 1904 Clark St., Racine, Wis. WEBSTER. Battery.

CLIX—Barber & Baldwin, Inc., 30 E. 42nd St., New York City—Terminal plug sockets.

CLUB BUTTONS

L. F. Grammes & Sons, Inc., Jordan and Union Sts., Allentown, Pa. GRAMMES. Lapel and badge, enameled or stamped.

National Light & Electric Company, 59 Lafayette St., Newark, N. J. NATIONAL. Radio.

COAST—Coast Coupler Co., 245 E. Seventh St., Long Beach, Calif.—Tubing, variocouplers, couplers.

COAST-COIL—Foote Radio Corp., successors to Radio Dept., Foote Mineral Co., 107 North 19th St., Philadelphia, Pa.—Tuners, crystals, detectors, couplers, coils.

COCO — Columbia Coil Co., Vancouver, Wash.—General line.

COIL DUOLATERAL — Electrical Products & Mfg. Co., 69 Sprague St., Providence, Rhode Island.—Mountings.

COIL MOUNTINGS

Lee Electric & Mfg. Company, 220 Eighth St., San Francisco, Calif. LEMCO. CM300; 60c; CM301, 60c; CM302, 80c.

COILS

Acme Apparatus Company, 186 Massachusetts Ave., Cambridge, Mass. ACME. Grid; choke, continuous wave.

COILS

The Acme Wire Company, New Haven, Conn. ACME. For audio and radio transformers.

Aero Products, Inc., 1768 Wilson Ave., Chicago, Ills. AERO. Regenerative 3 circuit tuner.

All-Henry Coil Co., Norwalk, Conn. ALL HENRY low loss inductance. Basket wound inductance \$2.25 to \$3.00.

All American Radio Corporation, 4201 Belmont Ave., Chicago, Ills. Type T-1. ALL AMERICAN TOROID COIL (antenna) \$3.50; type T-2. ALL-AMERICAN TOROID COIL (radio frequency), \$3.50.

Ambassador Sales Company, 108 Greenwich St., New York City. AMBASSADOR MASTER TUNING COIL.

AMBASSADOR. Low loss; balancing; low wave; 35 to 175 meters; antenna.

Amerex Electric Corp., 232 Greenwich St., New York City. AMEREX. Inductance.

American Enameled Magnet Wire Company, Muskegon, Mich. Solenoids.

American Mechanical Labs., Inc., 285 No. 6th St., Brooklyn, N. Y. CLAROTUNE. 3 circuit. Roberts.

Argentite Radio Corp., 116 N. Daly St., Los Angeles, Calif. ARGENTITE.

Atec Products Company, 536 W. Elm St., Chicago, Ills. ATEC SELECTOR. 3 circuit, \$5.00, with dial Selector; \$4.00, with dial and knob.

A & F Electrical Mfg. Company, 4213 No. Ave., Chicago, Ills. Spiderweb Inductance. TRUWARE.

Baldwin Radio Electric Mfg. Company, 684 Bergen St., Brooklyn, N. Y. BALDWIN. Radio frequency.

Barrett & Paden, 1314 Sedgwick St., Chicago, Ills. BARRETT & PADEN. 3 circuit.

Charles A. Branston, Inc., 815 Main St., Buffalo, N. Y. HETORUS. Doughnut type, \$2.50 each, set of 3, \$7.50.

Belden Manufacturing Company, 23rd St. and Western Ave., Chicago, Ills. Transformer. All types—to order only.

Bel-Tone Radio Company, 161 Jamaica Ave., Brooklyn, N. Y. BEL-TONE. Inductance.

Chas. A. Branston, Inc., 815 Main St., Buffalo, N. Y. Honeycomb. LATERAL WOUND, also doughnut type R. F.

Bremer-Tully Manufacturing Company, 532 South Canal St., Chicago, Ills. B-T. NAMELESS. Low loss tuners, \$5.00.

COILS (Continued)

Bruno Radio Corporation, 222 Fulton St., New York City. BRUNO. "66" LONG RANGE COIL. \$6.50, 55 low loss quartzite radio frequency; 99 low loss quartzite junior.

Bronx Radio Equipment Company, 687 Courtlandt Ave., New York City. BRECO. Straight circuit, with detector and threestage amplifier. \$95.00. Tuner.

B. S. M. Radio Company, 29 N. 13th St., Philadelphia, Pa. B S M. 3 circuit. \$6.50; air core.

J. H. Bunnell & Company, 32 Park Place. New York City. Tuning. MASCOT. \$3.00; standard, \$4.30.

Buell Mfg. Company, Cottage Grove and 38th Street, Chicago, Ills. BUELL Tuner.

Cambridge Instrument Company, Inc., 3512 Grand Central Terminal, New York City. CAMBRIDGE. Fixed and variable standards.

The Carter Mfg. Company, 1728 Coit Ave., E. Cleveland, Ohio. CARGO. Inductance.

The Carter Manufacturing Company, 1728 Coit Ave., East Cleveland, Ohio. "CARCO." Inductances.

Columbia Radio Corporation, 155 N. Union St., Chicago, Ills. Mounted with supports. Inductance, \$1.40 to \$3.85.

Columbia Radio Corp., 155 N. Union St., Chicago, Ills. COLUMBIA.

Como Apparatus Company, Manchester, N. H. COMO-DUPLEX.

DeWitt LaFrance Company, Inc., 54 Washburn Ave., Cambridge, Mass. SUPERADIO. Seven-piece Super-Heterodyne coil kits, \$17.50.

Doyle-Da Costa Mfg. Company, Easton, Pa.

Dudlo Manufacturing Company, Well St., Fort Wayne, Ind. DUDLO. To order only. Transformer, choke, magnet, coils.

Dungan-Sternfield Radio Sales, Chicago, Ills. Special inductances.

Eagle Condensers, Inc., 858 Bedford Ave., Brooklyn, N. Y. EAGLE. Tuned radio frequency, filter, reflex.

Eastern Electric Company, 181 Chestnut St., Newark, N. J. EASTERN.

Eastern Coil Corporation, 22 Warren St., New York City. EASTERN LOW LOSS COUPLER. Browning-Drake, \$8.00; Type F. C. coupler for the O'Connor frequency chamber, \$6.00; Superdyne, \$8.00; Roberts, \$8.50; Harkness, \$4.00; Tuned R. F., \$2.00.

Electrical Products Manufacturing Company, 69 Sprague St., Providence, R. I. DUOLATERAL. Inductance.

COILS

Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills. ERLA CIRCLOID. Transformer, \$4.00.

Emco Radio Products Company, Jamaica, N. Y. EMCO. E.M. 16 F.F. Transformer Coils.

Empire Paper Products Corp., 155 Bank St., New York City. EMPIRE. Paper.

Essex Mfg. Company, Newark, N. J. PALL MALL. THREE SIRKIT TUNER, \$3.00 each.

Etna Electrical Works, 410 E. 15th St., New York City. ETNA. Wave. Tuners.

Excelsior Radio Company, 222 Grand St., Brooklyn, N. Y. AIR-KING. 3-circuit tuner, low loss and standard types, \$3.50.

Fallkill Radio & Electric Company, Poughkeepsie, N. Y. FRECO. FALLKILL. DI-LO. Tuned radio frequency low loss coils, coils all descriptions.

Feri Radio Manufacturing Company, 1167 Bedford Ave., Brooklyn, N. Y. FERI. Honeycomb, Criss-cross. Unmounted, 50c. lo-loss. Inductance, type F, \$2.00 per set of 3; type R, \$2.50 per set of 3; type R Junior, \$2.75 per set of 3; 3 circuit, \$3.50.

Foote Radio Corporation, 1609 Summer St., Philadelphia, Pa. Three-circuit double rotor tuning coupler. COAST COIL \$7.00.

Forman & Company, 366 Greenwich St., New York City, UN-X-LD. Mounted tuning; spider web; radio frequency; air wound to order.

General Mfg. Company, 6637 Cottage Grove Ave., Chicago, Ills. GEN-RAL. Inductance; three circuit tuning coils; oscillator coils and filter; radio frequency transformers.

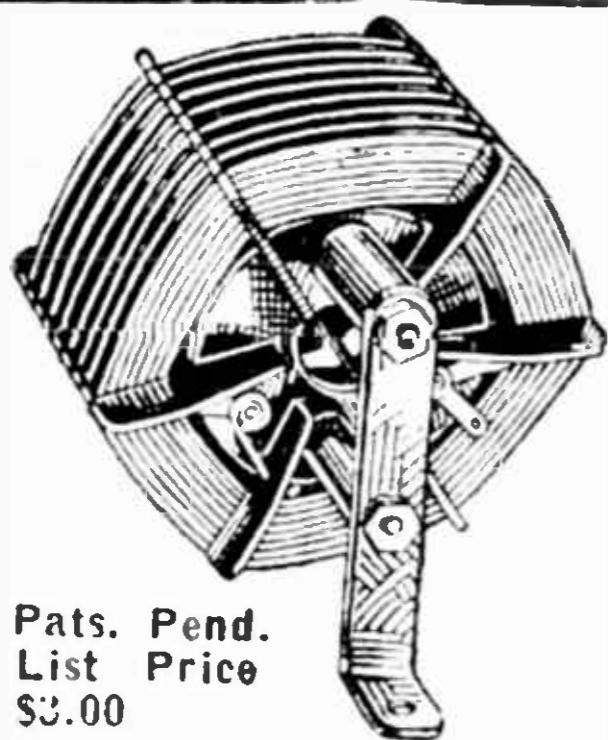
General Radio Company, 30 State St., Cambridge, Mass. Inductance. GENERAL RADIO CO. Type 226-A, \$6.00; type 277 A-B-C. \$1.25; type 277-D, \$1.50.

Globe Radio Equipment Company, 217 W. 125th St., New York City. GLOBE. Low loss. Standard tuner (200-575 meters) \$7.00; short wave tuner (50-200 meters) \$7.00; R. F. transformers, \$6.00.

L. W. Goodman, 436 Forest Ave., Drexel Hill, Penna. Short wave. THE GOODMAN.

Harris & Birdseye, Inc., 26 Courtlandt St., New York City. HARCO. Inductance.

Henninger Radio Mfg. Company, 1768 Wilson Ave., Chicago, Ills. AERO. Coils for amateur broadcast bands only.



Pats. Pend.
List Price
\$3.00

The Andrews Paddlewheel Coil

A new, low-loss coil of ideal characteristics. Has exceptionally high ratio of inductance to resistance. Gives maximum range and volume without distortion. Improves tone and increases selectivity. The standard coil for Andrews DERESNADYNE and BUCKINGHAM receivers. Can be used in many well-known receivers and circuits. We furnish blue-prints. Our Technical Dept. will answer inquiries.

RADIO UNITS INC.

1308 First Ave.

Maywood, Ill.



CLAROTUNER is the very latest best seller in the tuning units line. More accurate control of tuning than you ever thought possible. Made for the Roberts (with matched Antenna Coupler) the Browning-Drake, and the Three Circuit.

American Mechanical Labs. Inc.

285-287 N. 6th St.,
Brooklyn, N. Y.

CLAROTUNER

FERI Lo-LOSS COILS For All Popular Circuits

OUR MESSAGE TO SET MANUFACTURERS



Specially constructed high speed machinery enables us to wind accurate and uniform coils in large quantities. Set manufacturers can depend upon us to deliver promptly. Coils made up to their own specifications. Improved methods reduce costs to a figure which defies competition. We will be pleased to quote on seasonal requirements.

SEND SAMPLES OR BLUE-PRINTS

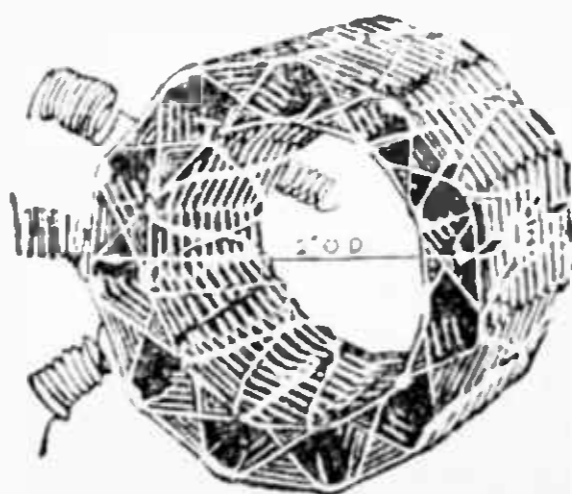
OUR MESSAGE TO JOBBERS AND DEALERS

FERI LO-LOSS Coils are put up in boxes with diagrams. Write for literature and prices.

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Criss Cross Coils
Three Circuit Tuners
Variometers
Vario-Couplers

Coils for
Roberts Circuit
Reflex Circuit
Tuned Radio Frequency Circuit



FERI RADIO MFG. CO.

1167 BEDFORD AVE., BROOKLYN, N. Y.

COILS (Continued)

- A. E. Hill Mfg. Company, 80 Magnum St., Atlanta, Ga. **TRIPLE-COIL.** Coils for use in crystal circuits, \$1.25. **MULTIFORMER** Replacement coil; **HILCO;** Inductance coils.
- Imperial Electric Manufacturing Company,** 50 Columbia St., Newark, N. J. **AIRTROLS.** 3 circuit tuning coils, \$4.00 and \$5.00. Wound with Litz wire.
- Jefferson Electric Manufacturing Company,** 426 South Green St., Chicago, Ills. **JEFFERSON.** \$20. Spark coils.
- Kellogg Switchboard & Supply Company,** 1066 W. Adams St., Chicago, Ills. Choke tuning; air and iron cores.
- Klingenhafer Bros.,** 126 N. 52nd St., Philadelphia, Penna. **KLINGENHAFER.**
- Langbein and Kaufman,** 654 Grand Ave., New Haven, Conn. **LANGBEIN AND KAUFMAN.** Variable clarifying selector. \$7.00. Three circuit, CT. 35. \$7.00.
- Lee Electric & Mfg. Company,** 220 8th St., San Francisco, Calif. **LEMCO.** Tuning.
- Lincoln Radio Corporation,** 224 N. Wells St., Chicago, Ills. Lincoln tuner.
- Lombardi Radio Manufacturing Company,** 67 Minerva St., Derby, Conn. Inductance. **LOMBARDI INDUCTOR COILS.**
- A. C. Lopez Company, Inc.,** 40 W. 33rd St., New York City. **LOPEZ.** Low loss. Tuners.
- Martin-Copeland Company,** 101 Sabin St., Providence, R. I. **MARCO.** \$7.00. Tuner.
- Mazda Radio Manufacturing Company,** 3411 Perkins Ave., Cleveland, Ohio. **MAZDA.** Mazda-dyne, a combination of flat coil
- McConnell Cable and Specialty Company,** 426 S. Clinton St., Chicago, Ills. Inductance, spider-web; all kinds except honeycomb.
- Morris Register Company,** Council Bluffs, Iowa. **MORRIS.**
- J. Nazeley Company,** 571 Hudson St., New York City. **ROBERTS.**
- Nolte Manufacturing Company,** 61 Gautier Ave., Jersey City, N. J. **NOLTE ZIG ZAG.** Coils.
- Pentz Radio Factory,** 207 So. 5th St., Minneapolis, Minn. Tuner.
- Pfanstiehl Radio Company,** 11 S. La Salle St., Chicago, Ills. Pfanstiehl inductance p-225 for Ultra Audion, 150-700 meters, 4 taps, 86 turns, 95c. each; P-201, 25 turns, 55c.; P-202, 35 turns, 59c.; P-203, 50 turns, 65c.; Reinartz, \$1.75; P-303, set of 3, \$6.00; 3 circuit tuners, \$5.00.

COILS

- Phoenix Radio Laboratory,** 114 S. Central Ave., Phoenix, Ariz. **P. R. L. MIDGET** reflex coils. Per pair, \$2.50.
- Precision Coil Co.,** 209 Centre St., New York City.
- Radio Engineering Labs.,** 27 Thames St., New York City. **LOPEZ.** Tuning coils. Low loss, 3 circuit low wave R. E. L.
- Radio Products Manufacturing Company,** 501 South Jefferson St., Chicago, Ills. Coupled circuit tuner, R. P. M. unmounted, \$8.00; mounted, \$12.00. Tuner.
- Radio Requirements Company,** 70 North Second St., Philadelphia, Penna. **THURMAN VARIO-TRANSCOUPLER.** Three circuit tuner.
- Radio Units, Inc.,** Maywood, Ills. The Andrews **PADDLEWHEEL,** \$3.00.
- Raven Radio, Inc.,** 8 Learned St., Albany, N. Y. **RAVEN.** Tuning.
- Ray-Dee Aircraft Mfg. Co.,** 115 Fifth St., Redlands, Calif. **ART-CRAFT.** Low loss.
- Reichmann Company,** 1725 W. 74th St., Chicago, Ills. **THOROLA LOWLOSS DOUGHNUT COILS.** from \$4.00 to \$12.00.
- Remler Radio Company,** San Francisco, Calif. **REMLER.** Coupling units. Type 620, \$3.00.
- Rokay Electric Company,** Ingomar, Ohio. **ROKAY.** Single control coil. \$3.50.
- Russel Fraser Wire Company,** Maspeth, L. I. **AJAX.** Radio frequency, spider web, cylindrical, balloon; **MIDGE-TUNER.**
- Samson Electric Company,** Canton, Mass. **SAMSON CHOKES.** Radio frequency, \$1.50; audio frequency for impedance coupled amplifications, \$1.50.
- R. O. Schoonhoven,** 310 Seneca St., Elgin, Ills.
- Shamrock Mfg. Company,** 204 Waverly Ave., Newark, N. J. **SHAMROCK.** Tuning. 3 circuit, \$4.50 and \$6.00.
- The Sharp Spark Plug Company,** Wellington, Ohio. **SHARP.** Low loss.
- F. W. Sickles Company,** 130 Union St., Springfield, Mass. **SICKLES.** Inductance. **DIAMONDWEAVE.** Reinartz, 1-A, \$2.00; 1-B, \$2.50; flivver circuit, \$1.00; Green circuit, 5 taps, \$1.50; reflex T-1 and T-2, sets of 2, \$4.00; No. 13, American super set of 2, \$4.00; No. 14, sets of 3, \$6.00; No. 18A coils for Roberts circuit, \$8.00; No. 24 coils for Browning-Drake circuit, \$7.50; No. 21 coils for Hoyt Augmentor System, \$10.00; No. 20 coils for Craig circuit, \$4.50.

COILS (Continued)

Simplex Radio, Rector St., Philadelphia, Pa. **SIMPLEX** 180 degree D-X. For use with .0005 mfd. variable condenser covering broadcast wave lengths. \$3.50.

Standard Insulation Company, Rutherford, N. J. **SICO**. Paper.

Star Radio Products Company, 711 S. Dearborn St., Chicago, Ills.

STAR COIL. Three circuit; single circuit and coupler.

Stiers Radio Corp., 993 Fourth Ave., Brooklyn, N. Y. **STIERS**. Inductance, Litz wound. Bakelite, \$5.50.

St. James Laboratories, 845 Washington Blvd., Chicago, Ills. **ST. JAMES**. Choke.

Superior Coil Company, Harwichport, Mass. **SUPERIOR**. Inductance. Reinartz type 101, \$2.00; type 103, \$1.00; spider-web, type 100, \$2.00; type 102, \$1.00; low wave Reinartz. 50-200 meters, \$2.00; 50-150 meters. \$1.50.

C. D. Tanner Company, 528 W. Washington St., Los Angeles, Calif. **TANNER**.

Teleradio Engineering Corp., 490 Broome St., New York City. **TELERADIO**.

Thorardson Electric Mfg. Company, 400 W. Huron St., Chicago, Ills. **THORARDSON**. Chokes.

The George W. Walker Co., Cleveland, Ohio. **VICTOREEN RADIO PRODUCTS**. Single circuit, \$5.25; three circuit, \$5.25; 90 degree, \$5.00; Cockaday, \$3.50; variometers, \$5.50; tuned radio frequency transformers, \$4.75; and \$5.50 per set; superheterodyne transformers, \$37.00 per set of six.

Yale Radio Electric Company, 1111 Wall St., Los Angeles, Calif. **YALE**. Low loss; various types.

COIL HOLDERS (see **Coil mountings**)

COIL WINDING MACHINES

Abe Tool & Engineering Company, W. Elm St., Chicago, Ills. **ATEC**.

Goodell Pratt Company, Wells St., Greenfield, Mass. **GOODELL-PRATT**. No. 695 coil winder. \$4.20.

Morris Register Co., Council Bluffs, Iowa.

Radio Production Machinery Co., 212 Centre St., New York City.

Universal Winding Co., Providence, R. I.

COLBURN BABY GRAND—Colburn Radio Laboratories, San Leandro, Calif.—Receiving sets.

COLE—Cole Battery Sales Corp., 2435 Indiana Ave., Chicago, Ills.—“A” and “B” storage batteries.

COLE HARMONIC—Cole Battery Sales Corp., 2435 Indiana Ave., Chicago, Ills.—Receiving sets.

COMPOUNDS

COLONIAL—Atlas-Colonial Radio Corp., East Ave. and 10th St., Long Island City, N. Y.—Sets, receiving.

COLUMBIA—Columbia Radio Corp., 155 North Union St., Chicago, Ills.—Variometers, variocouplers, coils, coil mountings, transformers.

COLUMBIA—National Carbon Co. Inc., Long Island City, N. Y.—Dry batteries.

COLUMBIA—Columbia Phonograph Co., 1817 Broadway, N. Y. City.—Loud speakers, phonograph attachments.

COLUMBIAN—Columbian Hardware Co., 5113 Hamilton Ave., Cleveland, Ohio.—Bench vises.

COLUMBUS—Columbus Radio Cabinet Co., 88½ E. Spring St., Columbus, Ohio.—Cabinets, consoles.

COLUMBUS—The Columbus Varnish Co., 264 Cozzens St., Columbus, Ohio.—Enamels, varnishes, shellac.

COMET—Comet Battery Co., 5100 Superior Ave., Cleveland, Ohio.—Batteries, “B” dry and “C” dry batteries.

COMET—Electrical Mfg. Agency, Inc., 25 N. Dearborn St., Chicago, Ills.—“B” dry cells.

COMMANDER—The H. H. Eby Mfg. Co., 40 S. Seventh St., Philadelphia, Pa.—Insulated binding posts.

COMMUNITY—Sturgis Radio Laboratory, 307 W. Barnes Ave., Lansing, Mich.—Variometers.

COMO—Como Apparatus Co., Inc., Manchester, N. H.

COMO-DUPLEX—Como Apparatus Co., Manchester, N. H.—Push-pull transformers.

COMPAROMETER—Liberty Transformer Co., 123 N. Sangamon St., Chicago, Ill. Apparatus for comparing sets.

COMPASS—Walter Lytton, Inc., Lytton Bldg., Chicago, Ill.—Six tube portable, entirely self contained.

COMPENDYNE—E. Singer Co., 187 Greenwich St., New York City. Receiving sets.

COMPOUNDS, BATTERY

American Di Electrics, Ltd., 466 E 7th St., Brooklyn, N. Y. Battery sealing. **AMDI BATTERY SEALING COMP.**

Battery Equipment & Supply Company, 1638 S. Wabash Ave., Chicago, Ills. Battery sealing. **BES-CO**. 5c. per pound.

The Dicks-Pontius Company, 123 Wayne Ave., Dayton, Ohio. Battery insulating.

Globe Chemical Company, Murray Road and Big Four R. R., St. Bernard, Cincinnati, Ohio. **GLOBE BATTERY SEALING COM-**

COMPOUNDS

- POUND.** 7c. a pound in bbls.; 10c. a lb. in 20-lb. cans. Battery sealing.
- Insulatine Company, 1 Broadway, New York City. **INSULATINE.**
- McGill Mfg. Company, Valparaiso, Ind. Battery sealing. **CRES-CENT CHATTERTON.** \$1.00 per lb.; soldering paste, salts sticks and fluids, 60c. per lb.
- Mitchell-Rand Mfg. Company, 15 Vesey St., New York City. Battery sealing. **B. B., No. 50. LIME SEAL.**
- Silvoplate Company, 125 Church St., New York City. **SILVOPLATE.** For silverplating aerials, condensers, wire, etc., by hand.
- COMPO BROS.**—Compo Bros., Columbia, Ohio.
- CONCERT BALDWIN**—Nathaniei Baldwin, Inc., 3474-S. 23rd East St., Salt Lake City, Utah.—Loud speakers.
- CONCERT GRAND**—Concert Radiophone Co., 919 Huron Road, Cleveland, Ohio—Sets, receiving.
- CONCERT GRAND** — True Tone Radio Mfg. Co., 186 N. La Salle St., Chicago, Ills.—Loud speakers.
- CONCERT JR**—Concert Radiophone Co., 919 Huron Road Cleveland, Ohio—Sets, receiving.
- CONCERT MASTER**—Stanley Radio Products Co., 303 W. 125th St., New York City.—Receiving sets.
- CONCERT SELECTOR** — Culver-Stearns Mfg. Co., Worcester, Mass.—Receiving sets.
- CONCERT SELECTOR**—J. H. Faw Co., 27 Warren St., N. Y. City.—Sets, receiving.
- CONCERT SPEAKER**—Trimm Radio Mfg. Co., 24 S. Clinton St., Chicago, Ills.—Loud speaker.
- CONCERT SR**—Concert Radiophone Co., 919 Huron Road, Cleveland, Ohio—Sets, receiving.

CONDENSER CLEANERS

Howard B. Jones, 614 S. Canal St., Chicago, Ills. **JONES CONDENSER CLEANER.** 10c.

CONDENSERS, BY PASS (see Condensers, fixed)

CONDENSERS, FIXED

Aerovox Wireless Corp., 489 Broome St., New York City. **AEROVOX.** Fixed mica condensers, .0001 Mfd. to .01 mfd. 30 cents to 90c.; with grid leak mountings, .0001 to .0005 mfd. 35c. Also other types .0001 to .01 25c. to 85c. with grid leak mounting, .0001 to .0005, 30c.

CONDENSERS, FIXED

- The Airex Company, 799 Greenwich St., New York City. **AIREX.** Mica: fixed.
- American Electric Company, State and 64th Sts., Chicago, Ills. **AMERICAN ELECTRIC.** Fixed 60c. to \$4.50.
- Amplex Instrument Labs., 88 West Broadway, New York City. Mica grid, phone, by-pass; all sizes.
- Amsco Products, Inc., Fairbanks Bldg., Broome and Lafayette Sts., New York City. **AMSO.** Grid leak and condenser combined.
- Carter Radio Company, 300 S. Racine St., Chicago, Ills. **CARTER.** .04, \$1.00; .01, \$1.00.
- Danziger Jones, Inc., 25 Waverly Place, New York City. **TELOS & TELOS.** Capacity, .000025 to .00015 mfd., 40c. **TELOKON.**
- De Jur Products Company, Lafayette and Broome Sts., New York City. **DE JUR.** Mica; mica with grid leak mountings.
- Tobe Deutschmann Company, 46 Cornhill, Boston, Mass. **TOBE.** Bi-pass and filter, in all capacities.
- Dubilier Condenser & Radio Corp., 4337 Bronx Blvd. at 238th St., New York City. **MICADON,** 35c. to \$1.75 each.
- Electrad, Inc., 428 Broadway, New York City. Certified mica.
- Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills. **ERLA. ERLA TESTED CAPACITY FIXED CONDENS.** ER, .0001, 30c.; .00015, 30c.; .00025, 30c.; .00035, 30c.; .0005, 30c.; .0008, 35c.; .001, 35c.; .0015, 35c.; .002, 35c.; .0025, 40c.; .005, 65c.; .006, 75c.; Erla .00025 condenser, with grid leak mounting, 35c.; Erla grid condenser, .00025 mfd., 10c.
- Forbestos Prod. Company, 110 E. 42nd St., New York City. **B.-M.** fixed.
- Forman & Company, 366 Greenwich St., New York City. **FORMAN & CO. UNXLD.** Paper, 5c.; mica, 6c.; impregnated brass and mica laminated, brass encased mica condensers calibrated and individually tested and rated after finished. Capacity guaranteed to be within 5 per cent of capacity rated thereon.
- Chas. Freshman Company, Inc., 240 W. 40th St., New York City. **FRESHMAN WIRELESS TEST.** Mica, 25c. to \$2.50.



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CONDENSERS, FIXED (Contd.)

- General Instrument Corp., 423 Broome St., New York City. **MIN-UE.**
- Halcyon Insulator Company, 168 Front St., New York City. **HAL-CYON.**
- Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. .0025 mfd., 25c.; .0005 mfd., 25c.; .001, .002, 30c.; .006, 40c.
- A. E. Hill Mfg. Company, 80 Magnum St., Atlanta, Ga. HILCO, HILCOFLEX.**
- Howard Radio Company, 451 E. Ohio St., Chicago, Ills. **HOWARD.**
- Kapaciton Company, 25 Elliot Place, Jersey City, N. J. **KAPACITON.** Mica. List Price, 35c. and up.
- Kellogg Switchboard & Supply Company, 1066 W. Adams St., Chicago, Ills. 75c. and \$1.30.
- The K. W. Ignition Corp., 2811 Chester Ave., Cleveland, Ohio. **K. W. (in circle).** Paper.
- Magnus Electric & Mfg. Corp., 787 E. 138th St., New York City. **MAGNUS.** Mica. No. 860 G. Made from India mica bakelite and brass. 60c. apiece.
- Micamold Radio Corp., 1095 Flushing Ave., Brooklyn, N. Y. **MICA-MOLD.** Grid, 45c.; fixed, 35c.
- C. E. Mountford, 465 Greenwich St., New York City. Grid.
- New York Coil Company, 338 Pearl St., New York City. **NEW YORK COIL.** Mica.
- Parkin Mfg. Company, San Rafael, Calif. Moulded, bakelite. **PAR-KIN. PEAK OF PERFECTION.** Cat. No. 53, 50c.
- Pfanstiehl Radio Company, 11 S. La Salle St., Chicago, Ills. **PFAN-STIEHL CERTIFIED.** Grid. Combined with leaks, each, 50c.
- Philmore Mfg. Company, 105 Chambers St., New York City. **AJAX.** Phone and grid leak, .001, .002, .00025, .006, 10c. each.
- Potter Mfg. Company, 2004 Sheridan Road, North Chicago, Ills. **Potter. By-Pass.**
- Polymet Mfg. Corp., 599 Broadway, New York City. **POLY CONDENSER.** Mica.
- Ports Mfg. Company, 3305 Belmont Ave., Fresno, Calif. **PRMCO.** Fixed. Grid, 40c.
- Potter Manufacturing Co., 2004 Sheridan Road, Chicago, Ills.
- Preferred Radio Company, 408 E. 93rd St., New York City. **PREFERRED.** Paper.
- Premier Electric Company, Grace and Ravenswood Aves., Chicago, Ills. **PREMIER.** Fixed. Grid.

CONDENSERS, SPECIAL

- Quality Radio Shop, Richmond, Ind. **QUALITY.** Mica. 25c. to \$2.50.
- Reichman Company, 1725 W. 74th St., Chicago, Ills. **THOROLA.** From \$4.00 to \$7.50.
- D. A. Sanders, Inc., 69 S. Broadway, Nyack, N. Y. **DASCO AIR-LINE.**
- Sangamo Electric Company, 50 Church St., New York City. **SANGAMO.** Fixed; mica, bakelite, moulded condensers, .00005 to .01 capacity, with or without resistor clips.
- Spee-Dee Specialty Company, 271 Canal St., New York City. **HERCULES PRODUCTS.** Mica; with grid leak mounting.
- Splitdorf Electric Company, 392 High St., Newark, N. J. **SPLIT-DORF.** Fixed; by-pass variable.
- Standard Insulation Company, Rutherford, N. J. **SICO.** Paper.
- Steinite Labs., Radio Bldg., Atchison, Kans. Fixed condensers, 35c.
- Steinite Labs., Radio Bldg., Atchison, Kans. Fixed condensers, 35c; \$1.00.
- Wireless Specialty Apparatus Company, Jamaica Plain, Boston, Mass. **FARADON.** All metal mica, .00005 to .006 mfd.
- Yaxlev Mfg. Company, 217 N. Desplaines St., Chicago, Ills. **YAX-LEY.**

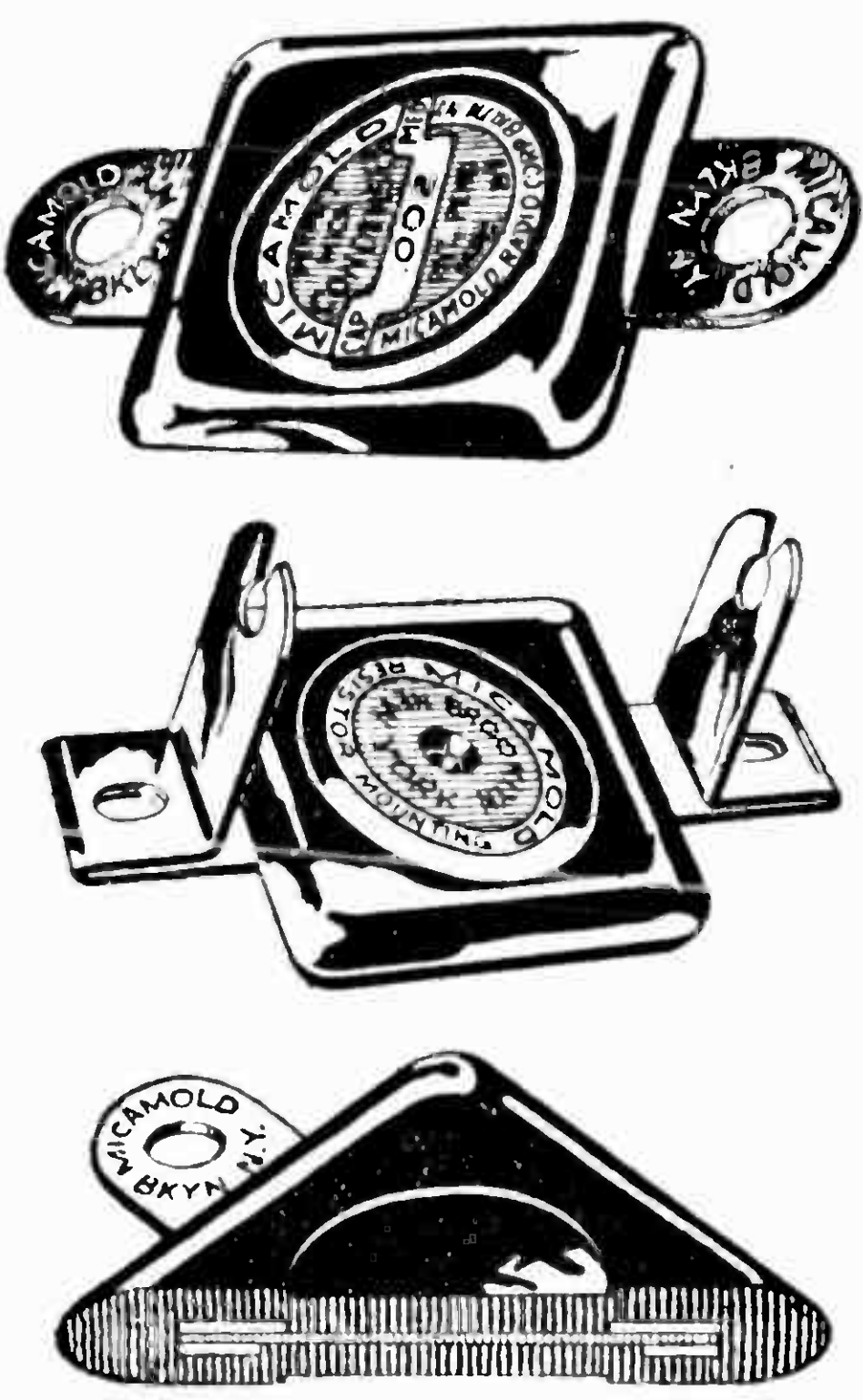
CONDENSER PARTS

(ends, plates, etc.)

- Auburn Button Works, Inc., Auburn, N. Y. Ends.
- Bridgeport Brass Company, Conn. **BRIDGEPORT.** Brass plates.
- L. F. Grammes & Sons, Inc., Jordan and Union Sts., Allentown, Pa. **GRAMMES.** Special parts a specialty.
- Luzerne Rubber Company, Trenton, N. J. **LUZERNE.** Ends.
- National Lead Company, Molding Division, 111 Broadway, New York City. Bakelite. Ends. Molded to specifications.

CONDENSERS, LOW LOSS (see Condensers, variable)**CONDENSERS, MERCURY (see Condensers, variable)****CONDENSERS, SPECIAL**

- Aerovox Wireless Corp., 489 Broome St., New York City. **AEROVOX BY-PASS CONDENSERS.** From .05 mfd. to 5.0 mfd. Sealed in metal container. from 60c. to \$4.75. Also furnished without metal containers.



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Fixed and Grid CONDENSERS

High grade products at moderate prices. Absolutely guaranteed.

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Made of best India mica and tinfoil and moulded in genuine Bakelite. Noiseless, sealed tight and moisture-proof. Capacities guaranteed absolutely to remain so under all conditions.

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A complete unit, having the resistor clips as an integral part of the condenser, eliminating loose contacts and corrosive losses.

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CONDENSERS, SPECIAL

(Continued)

- American Radio & Research Corp., Medford Hillside, Mass. Electrolytic. AMRAD-MERSHON, 2747, \$8.00. 27 mfd. capacity.
- Amplex Instrument Labs., 88 West Broadway, New York City. By-Pass. GRID DENSER. Semi-variable, \$1.25.
- Amsco Products, Inc., Fairbanks Bldg., Lafayette and Broome Sts., New York City. AMSCO. Compensating.
- Dubilier Condenser & Radio Corp., 4337 Bronx Blvd. at W. 238th St., New York City. Antenna series, DUBILIER BY-PASS CONDENSER. 70c. to \$3.75 each. Filament By-Pass.
- General Radio Company, 30 State St., Cambridge, Mass. Decade. 219-F, \$50.00; 222L, \$90.00. Balancing. Type 246. 1,500 mmf. to 5,000 mmf. \$28.00-\$38.00.
- Kapaciton Company, 26 Elliot Place, Jersey City, N. J. EXPACITON. By-pass.
- Kellogg Switchboard & Supply Company, 1066 West Adams St., Chicago, Ills. Miniature, cartridge type.
- Radio Receptor Company, Inc., 106 7th Ave., New York City. RECEPTRAD. By-Pass condenser 1 mfd.
- Reliable Parts Mfg. Company, 2819 Prospect Ave., Cleveland, Ohio. Neutralizing.
- Samson Electric Company, Canton, Mass. SAMSON. Neutralizing, \$1.75.
- Shamrock Mfg. Company, Newark, N. J. SHAMROCK. Balancing, \$1.25.
- The Sterling Mfg. Company, 2831 Prospect Ave., Cleveland, Ohio. STERLING. Nicrodenser. For equalizing radio frequency circuits; for increasing grid plate capacity. R311, one-quarter to 5 micro mfd., \$1.00; R312, 4/10 to 40 micro mfd, \$1.50.
- X-L Radio Laboratories, 2424 Lincoln Ave., Chicago, Ills. X-L VARIO DENSER. Neutralizing. Model N. \$1.00; Model G, variable grid. .00016 to .00055, and .0003 to .0015. \$1.50.
- CONDENSERS, VARIABLE**
(vernier and plain types, aid dielectric and liquid)
- Able Tool Engineering Company, W. Elm St., Chicago, Ills. ATEC.
- Acme Apparatus Company, 186 Massachusetts Ave., Cambridge, Mass. ACME. \$5.50.
- Admiral Electric Corp., N. E. Cor. Paynter Ave. and Blvd., Long Island City, N. Y. ADMIRAL.

CONDENSERS, VARIABLE

- Ajax Electric Special Company, 1011 Market St., St. Louis, Mo. AJAX. With vernier, 23 plate, \$4.50; 43 plate, \$5.50. Without vernier, 3 plate, \$1.30; 11 plate, \$1.80; 23 plate, \$2.20; 43 plate, \$2.80.
- Alden Mfg. Company, 52 Willow St., Springfield, Mass. NA-ALD. \$2.50, \$3.50, \$3.90, \$4.70; with vernier, \$1.00 extra.
- All American Radio Corporation, 4201 Belmont Ave., Chicago, Ills. Type C-35. ALL-AMERICAN straight line frequency (.00035), \$4.50; type C-50. ALL-AMERICAN straight line frequency (.0005), \$5.00.
- Allen-Bradley Company, 489 Clinton St., Milwaukee, Wisc. BRADLEY-DENSER. AB (in Octagon).
- Ambassador Sales Company, 108 Greenwich St., New York City. AMBASSADOR. Low loss.
- American Specialty Company, 115 Holland Ave., Bridgeport, Conn. KELFORD. 17 plate, .00035MF, \$2.75; 23 plate, .005MF, \$3.00.
- Amsco Products, Inc., Broome & Lafayette Sts., New York City.
- Audiola Radio Company, 430 S. Green St., Chicago, Ills.
- Barrett & Paden, 1314 Sedgwick St., Chicago, Ills. BARRETT & PADEN. Micrometer type.
- Beacon Radio Manufacturing Company, 100 S. 3rd St., Brooklyn, N. Y. Plain and Vernier. BEACON.
- Biltmore Radio Company, Boston 30, Mass. BILTMORE.
- Bremer-Tully Mfg. Company, 532 S. Canal St., Chicago, Ills. NAMELESS. B-T low loss, plain and vernier, 75c. to \$6.50.
- Bridgeport Brass Company, Bridgeport, Conn. BRIDGEPORT.
- Bronx Radio Equipment Company, 687 Courtlandt Ave., Bronx, New York City. BRECO.
- Bruno Radio Corp., 222 Fulton St., New York City. BRUNO. ULTRA-VARIO. 22 plate, 3 separate capacities, \$5.50; 44 plate, 8 separate capacities, laboratory type, \$7.50.
- Buell Mfg. Company, 2975 Cottage Grove Ave., Chicago, Ills. BUELL LOW LOSS. .0005 mfd., \$5.00; .00025 mfd., \$4.50.; .00035 mfd. \$5.00.
- J. H. Bunnell & Company, 32 Park Place, New York City. BEEKO. Mounted. \$5.00; unmounted, \$3.30; Dandy mounted, \$4.00; unmounted, \$2.50.
- Caldbeck Tool & Mfg. Company, 307 E. Third St., Des Moines, Iowa. DEMCAL. 11 plate, \$3.50; 15 plate, \$3.75; 17 plate, \$4.00; 19 plate, \$4.25, 23 plate, \$4.50.

RADIO

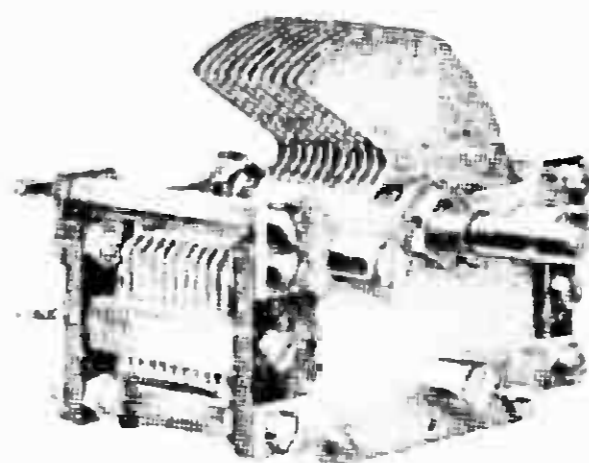
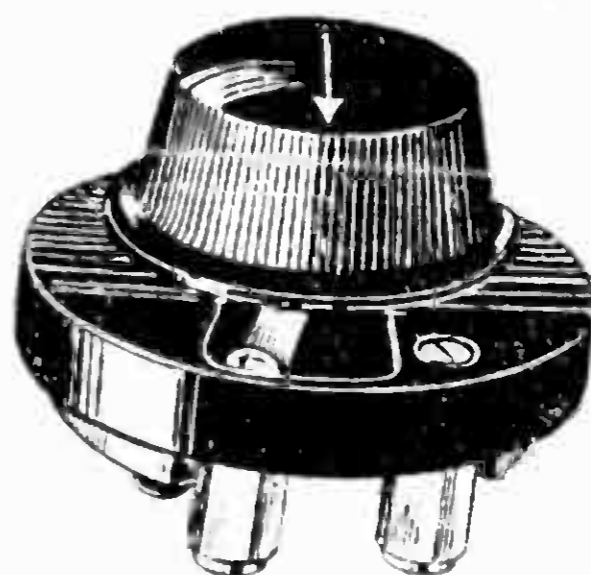
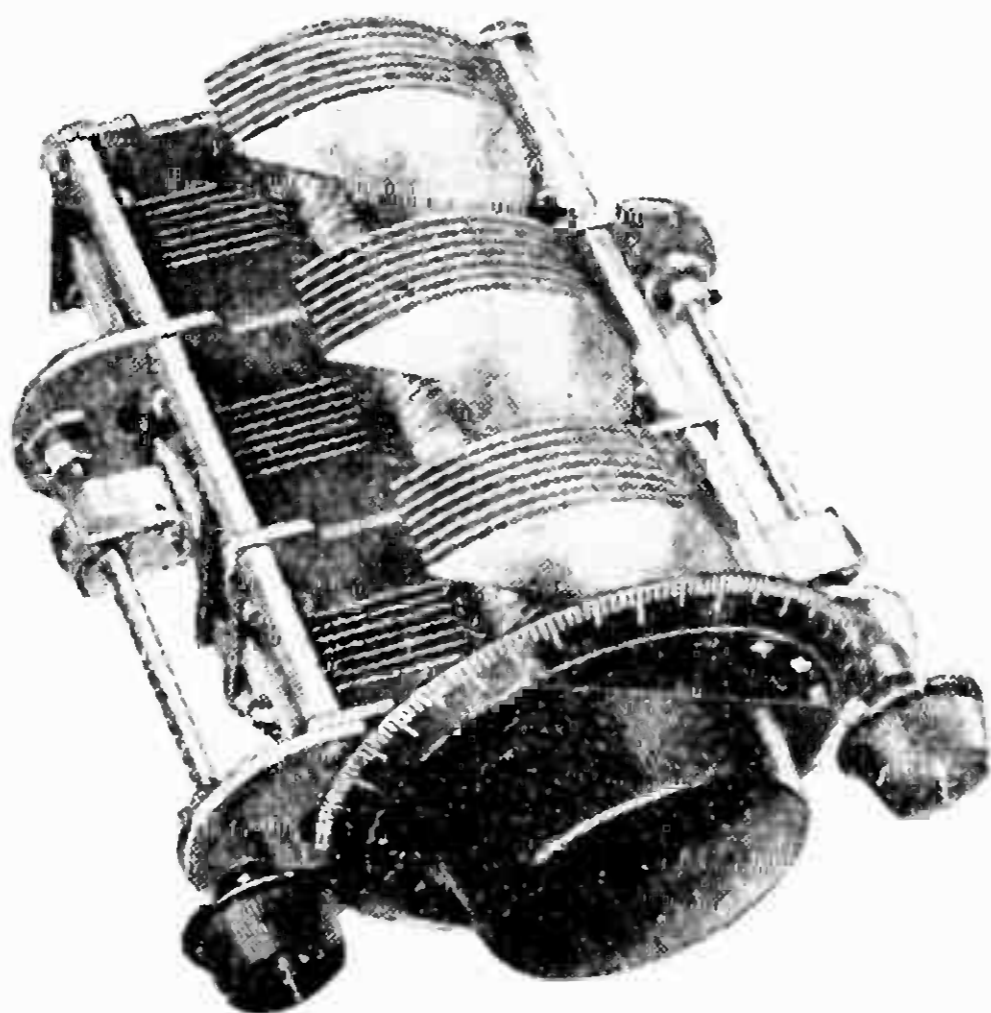
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OMAHA—ST. LOUIS—SAN FRANCISCO

CONDENSERS, VARIABLE

(Continued)

Martin Copeland Company, 101 Sabin St., Providence, R. I. MARCO.

Cruver Mfg. Company, 2456 Jackson Blvd., Chicago, Ills. PROUD-FOOT. Vernier, .00025, \$3.75; .00035, \$4.40; .0005, \$4.50; .001, \$5.75; vernier dial 100 to 1 ratio, \$3.00.

Dano Radio Company, 69 Liberty St., Brooklyn, N. Y. DANO.

DeJur Products Co., 199 Lafayette St., New York City.

Di-Kast Condensers Corp., 25 W. 43d St., New York City. DI-KAST.

James C. Doran & Sons, Inc., 150 Chestnut St., Providence, R. I. DORAN.

Dungan-Sternfield Radio Sales, 25 N. Dearborn St., Chicago, Ills. RED BAND. Bakelite end plate type; also low loss type made in 3, 11, 17 and 23 plate of plain type only.

Duplex Condenser & Radio Corp., 48 Flatbush Ave. Extension, Brooklyn, N. Y. DUPLEX JUNIOR (SERIES DRO) MODELS. 3-plate, 1.00; 11-plate, \$2.00; 11-plate vernier, \$2.50; 13-plate, \$2.25; 13-plate vernier, \$3.00; 17-plate, \$2.35; 17-plate vernier, \$3.25; 23-plate, \$2.50; 23-plate vernier, \$3.50; 43-plate, \$3.50; 43-plate vernier, \$4.00. DUPLEX STANDARD (SERIES FR) MODELS. 11-plate, \$4.25; 11-plate vernier, \$5.50; 15-plate, \$4.50; 15-plate vernier, \$5.50; 21-plate, \$5.00; 21-plate vernier, \$6.00; 41-plate, \$6.00; 41-plate vernier, \$7.00; matched 15 plate standard (.00035 mfd.) in sets of three, \$14.25.

Eagle Condensers, Inc., 760 Bedford Ave., Brooklyn, N. Y. Plain and vernier. \$1.80 to \$3.90.

Eisemann Magneto Corp., 165 Broadway, New York City. EISEMANN. .001, mfd., \$7.50; .005, mfd., \$6.50.

Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ills. ERLA MINILOSS. 5, 11, 15, 21 and 41 plates. Erla miniloss variable condenser .00015 5-plate, \$3.00; .00025 11-plate, \$3.25; .00035 15-plate, \$3.50; .0005 21-plate, \$4.00; .001 41-plate, \$5.00. Nil-loss variable condenser .00035 15-plate, \$2.75.

Elgin Radio Corporation, 67 N. State St., Elgin, Ills. No. 25 11 plates, .00025 M.F. capacity, \$2.75; No. 35, 17 plates, .00035 M. F. capacity, \$2.85; No. 50 23 plates, .0005 M. F. capacity, \$3.00. ELRACO variable low loss and straight line.

Fett & Kimmell Company, Bluffton, Ohio. MICROTONE VERNIER. 15 plate, \$4.00; 27 plate, \$4.50; 47 plate, \$5.50; with dial, plain, 11 plate, \$1.76; 17 plate, \$1.86; 23 plate, \$1.96; 43 plate, \$2.40. CRAFTSMAN.

CONDENSERS, VARIABLE

Chas. Freshman Co., Inc., 240 W. 40th St., New York City.

Forman & Company, 366 Greenwich St., New York City. UN-X-LD 23 plate, milled posts and anchored plate, \$1.40; low loss, metal end.

Freed-Eisemann Radio Corp., Sperry Bldg., Manhattan Bridge Plaza, Brooklyn, N. Y.

Bern Freedman, 1382 Prospect Ave., New York City.

Furnell Mfg. Corp., 889 Broad St., Newark, N. J. FURNELL. Taper coil, all standard capacities. Intended price, \$5.00 up. Includes 3 inch or 4 inch 360 degree dial.

Gardiner & Hepburn, Inc., 611 Widener Bldg., factory 21st and Washington Ave., Philadelphia, Pa. CONTINENTAL LO-LOSS. 13 plate, \$3.50; 18 plate, \$3.75; 25 plate, \$4.00; 45 plate, \$5.00. With Junior attached, \$1.00 additional on all sizes. CONTINENTAL LO-LOSS JUNIOR, \$1.25. Also make double and triple condensers under Hogan licenses.

General Instrument Corp., 423 Broome St., New York City. Multiple condensers, pyrex, corantum, and isolantite insulated.

General Radio Company, Cambridge, Mass. GENERAL RADIO CO. Type. \$3.50 to \$8.50. Plain and vernier. Type 248 tandem, \$5.75 to \$6.50; type 338, \$3.75 to \$5.25.

V. D. Green Mfg. Company, 7101 Detroit Ave., Cleveland, Ohio. GREEN. Plain and Vernier.

The Goyer Company, Williamantic, Conn. WINDHAM.

Haig & Haig Company, Rochester, N. Y. STRAITLINE.

Hanscom Radio Devices, Woonsocket, R. I. I—THE S-C CAPACITY ELEMENT.

Kenneth Harkness Radio Corp., 727 Frelinghuysen Ave., Newark, N. J. HARKNESS.

Hammarlund Mfg. Co., 424 W. 33d St., New York City.

The Hart & Hegeman Mfg. Company, 342 Capitol Ave., Hartford, Conn. H. & H. CONDENSERS.

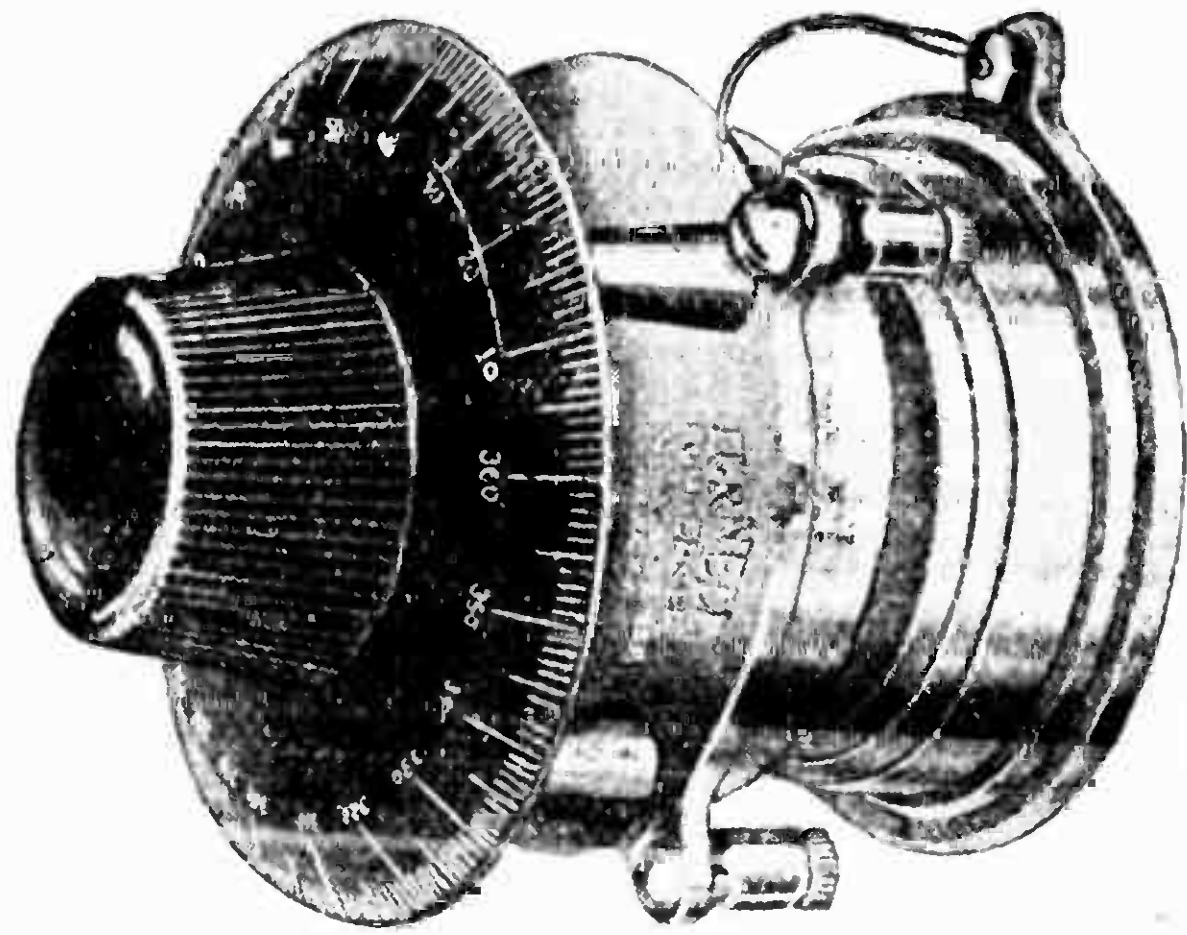
Hayes Products Company, 1301 Fulton St., Grand Haven, Mich.

Hearwell Electric Co., 53 Devonshire St., Boston, Mass. Vernier condensers, \$1.25.

Heath Radio & Electric Mfg. Company, 210 First St., Newark, N. J. HEATH. Vernier with dial, plain, vernier, with or without dials. \$3.35 to \$5.85.

Hoosick Falls Radio Parts Mfg. Co., Hoosick Falls, N. Y.

Henry Hyman & Company, Inc., 476 Broadway, New York City. BESTONE. Low loss. 11 plate,



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Due to its improved principle, professionals have found the Furnell Condenser to be as superior to the old style condenser as the tube set is to the crystal.

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Tested and approved by Cockaday of Popular Radio Laboratory, and other well-known authorities.

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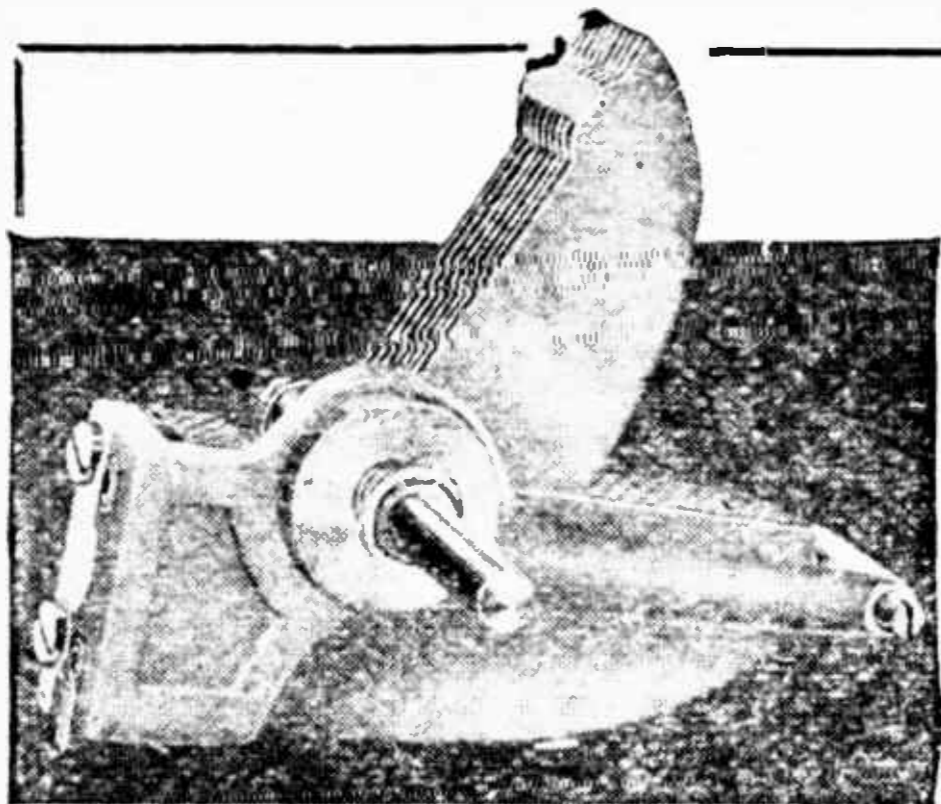
CONDENSERS, VARIABLE

(Continued)

- \$1.75; 13 plate, \$1.85; 15 plate, \$1.95; 23 plate, \$2.25.
- Imperial Electric Mfg. Company**, 850 Columbia St., Newark, N. J. **PURADYNE**. .001, \$4.25; .0005, \$3.50; .00038, \$3.25; .0003, \$3.00; .002, \$2.75; vernier attachment for all condensers, 90c.
- Indiana Manufacturing & Electric Company**, Marion, Ind. **INDIANA HYPERDYNE**. 15 plate condenser with .0003 mfd. capacity, \$3.50; 25 plate with .0005 mfd., \$4.25; 45 plate with .001 mfd., \$5.50.
- Jos. W. Jones Radio Mfg. Company**, 40 W. 25th St., New York City. **JOS. W. JONES**. 11 plate, \$7.00; 23 plate, \$8.00.
- Kapaciton Company**, 26 Elliot Place, Jersey City, N. J. **HELICON**. Spiral. .00025, \$6.50 complete; .00035, \$6.75 complete; .0005, \$7.00 complete.
- Kar Engineering Company**, 79 E. 130th St., New York City. **KAR**. Straight line frequency.
- Kellogg Switchboard & Supply Company**, 1066 W. Adams St., Chicago, Ills. \$3.50 to \$8.75.
- King Quality Prod., Inc.**, Buffalo, N. Y. **KING QUALITY**. 11 plate, \$4.25; 15 plate, \$4.50; 17 plate, \$4.75; 21 plate, \$5.00; 41 plate, \$6.00.
- Lee Electric Company**, 220 Eighth St., San Francisco, Calif. **LEM-CO**. C-814, \$3.40; C-824, \$3.75; C-844, \$4.75.
- Lincoln Radio Corp.**, 224 N. Wells St., Chicago, Ills. Grounded rotor type. **LINCOLN**. 23 plate, .0005 mfd., \$4.50.
- Lombardi Radio Mfg. Company**, 67 Minerva St., Derby, Conn. **LOMBARDI**. Straight line condenser, made in two types, straight line frequency and straight line wave, also plain or geared vernier. **LOMBARDI MULTI CONDENSERS**. Straight line, double and triple units, in all capacities, plain or geared vernier. **LOMBARDI JUNIOR**, midget condenser.
- Lubree Mfg. Company, Inc.**, 210 Canal St., New York City. **L-U-B-R-E-E**. Low loss. 11 plate, .00025 Mfd.; 15 plate, .00035 Mfd.; 21 plate, .0005 mfd.
- Manhattan Electric Supply Company, Inc.**, 17 Park Place, New York City. **RED SEAL**. With verniers.
- The Mazda Radio Mfg. Company**, 3411 Perkins Ave., Cleveland, Ohio. **MUZADA SUPER**. 3 to 43 plate. \$1.00 to \$3.00. Patent vernier attachment.

CONDENSERS, VARIABLE

- Mohawk Electric Corp.**, Diversey at Logan Blvd., Chicago, Ills. **MOHAWK**. Composed of three banks of 15 plates each. Plates are made of .035 gauge metal; list, \$15.
- Montrose Mfg. Company**, 1333 Fulton St., Brooklyn, N. Y.
- Music Master Corp.**, 128 N. 10th St., Philadelphia, Pa. **MUSIC MASTER**. 43 plate, \$7.00; low loss, 23 plate, \$6.00.
- National Company, Inc.**, 110 Brookline St., Cambridge 39, Mass. **NATIONAL**. Velvet vernier micrometer control, .001 mfd., \$7.25; .0005 mfd., \$6.25; .00035 mfd., \$6.00; .00025 mfd., \$5.75; with 3/8-in. dial; for 4-in. dial add 25c.
- National Light & Electric Company**, 59 Lafayette St., Newark, N. J. **NATIONAL**.
- J. Nazeley Company**, 571 Hudson St., New York City. **FEATHER-WEIGHT**. Straight frequency.
- Nelson Tool Company, Inc.**, 781 E. 142nd St., New York City. **NELSLIDE**. Slide condensers. 11 plate, max. cap. .00025, min. cap. .000006; 15 plate, max. cap. .00035; min. cap. .000007; 21 plate, max. cap. .0005 min. cap. .000008; 41 plate, max. cap. .001, min. cap. .000016.
- Neutrowound Radio Mfg. Company** 1721 Prairie Ave., Chicago, Ills. **NEUTROWOUND**. SLF.
- New York Coil Company**, 338 Pearl St., New York City. **NEW YORK COIL**.
- The Novelty Mfg. Company**, 125 Maple St., Waterbury, Conn.
- Ogden Wireless Labs.**, 1068 Ogden St., New York City. **OWL**. \$3.00, \$4.50, \$6.00.
- Walter J. Oldroyd**, box 622, Oakville, Conn.
- Operadio Corp.**, 8 S. Dearborn St., Chicago, Ills. **OPERADIO**. Vernier.
- Pacent Elec. Co., Inc.**, 91 - 7th Ave., New York City.
- Parkin Manufacturing Company**, Grand Ave., San Rafael, Calif. **PARKIN**. Plain and vernier. \$2.00 to \$5.00.
- Pausin Engineering Company**, 727 Frelinghuysen Ave., Newark, N. J. **PAUSIN**. 17 plate, \$2.40; 23 plate, \$2.50; 43 plate, \$3.00. With vernier, 11 plate, \$4.20; 17 plate, \$4.30; 23 plate, \$4.40; 43 plate, \$5.00.
- G. C. Payette & Company**, 190 Ste. Catherine St., Montreal, Canada. **PAYETTE**. \$2.25, \$3.00.
- Pearl Radio Corp.**, 1033 Race St., Philadelphia, Pa. **PEARLCO**. Aluminum and brass plain and worm drive vernier. **AMERICAN BRAND**.



An Engineering Achievement!

Pacent True Straight-line Frequency Condenser

Makes possible equi-spacing of stations according to frequency. Painsstaking research has developed this device that is both electrically and mechanically right.

Pacent Electric Company, Inc.
91 Seventh Ave. New York City

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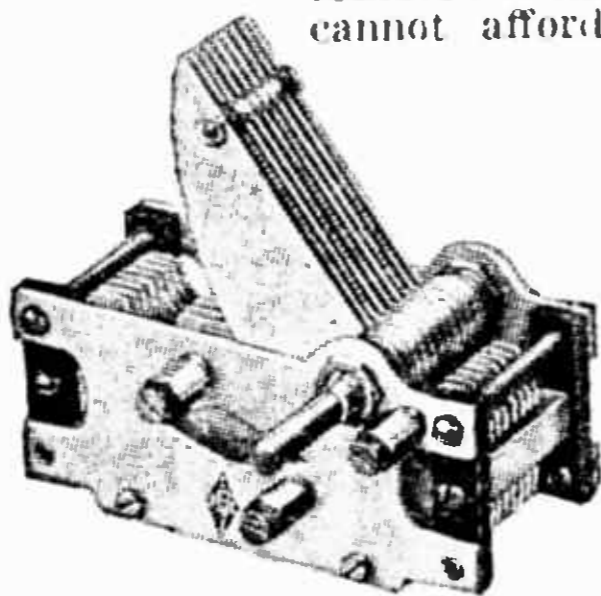
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Designed and manufactured by radio pioneers —M. R. L. products have proved dependable —that quality can be produced at a price. M. R. L. Products have the sales-building features and profit making ability which you Trade Mark cannot afford to overlook.



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Manufacturers of:
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"Radio Pioneers"

1333 Fulton St. Brooklyn, New York

CONDENSERS, VARIABLE

(Continued)

- Perfection Machine & Mfg. Company, 314 Market St., Newark, N. J. **PERFECTION**.
- Phenix Radio Corp., 114 East 25th St., New York City. **ULTRA LOWLOSS**.
- Philmore Mfg. Company, 105 Chambers St., New York City, With vernier. **AJAX PRODUCTS**.
- Pilot Electric Mfg. Company, 323 Berry St., Brooklyn, N. Y. **PILOT**. Vernier.
- Precise Mfg. Corporation, 254 Mill St., Rochester, N. Y. No. 750-7501. **SYNCRDENSER**. Capacity, .0005, list \$50c; 90-790L **SYNCRDENSER**, capacity .00035, list, \$4.00; 720-720L Dual condenser, capacity each unit, .0005, list, \$9.00; 722-722L Dual condenser, capacity each unit .00035, list, \$8.00.
- Preferred Radio Products Corp., 408 E. 93rd St., New York City. **PREFERRED**. Geared vernier.
- Premier Electric Company, Grace and Ravenswood Ave., Chicago, Ills. **PREMIER CROFOOT**. \$2.75, \$3.25, \$3.75. Vernier 75c. additional.
- The Radio Condenser Company, Inc., Camden, N. J. **R. C. CERTIFIED** low loss and **NEW DESIGN** manufacturers' model.
- Radio Industries Corp., 131 Duane St., New York City. With vernier. **RICO STRAIGHT LINE** frequency condenser. With dial; without dial. .00025, .00035, .0005, .001.
- Radio Products Company, Riverside Ave., Westport, Conn. **R.P.C.** \$1.50.
- Radio Products Manufacturing Company, 501 S. Jefferson St., Chicago, Ills. \$6.50 unmounted, and \$8.50 mounted.
- Rathbun Manufacturing Company, Inc., Jamestown, N. Y. **RATHBUN**. Plain No. 3, \$1.00; No. 11, \$3.00; No. 13, \$3.10; No. 15, \$3.25; No. 17, \$3.35; No. 23, \$3.50; No. 43, \$4.50 (without knobs and dials). Above improved types enclosed in celluloid dust proof covering add 50 cents each extra.
- Reichman Company, 1725 W. 74th St., Chicago, Ills. **THOROLA**. Straight line frequency variable condenser, No. 410, .0005 mfd., \$6.00; No. 411, .00035 mid., \$5.50.
- Remler Radio Company, San Francisco, Calif. **REMLER**. Twin rotor condenser, type 631, .0005 mf. cap.; twin rotor condenser, type 630, .00035 mf. cap.

CONDENSERS, VARIABLE

- St. James Labs., Inc., 845 Washington Blvd., Chicago, Ills. **Adjustable Rated Condenser**. Largest type and bridge circuit type.
- Samson Electric Company, Canton, Mass. **SAMSON S.L.F.** .0005, \$7.00.
- D. A. Sanders, Inc., 69 S. Broadway, Nyack, N. Y. **DASCO AIR-LINE**.
- Scovill Mfg. Company, Waterbury, Conn. **SCOVILL**.
- Signal Electric Mfg. Company, Menominee, Mich. **SIGNAL SPIRAL CAM CONDENSER**. R-1, \$3.00; R-2, \$3.00; R-3, \$3.00. **SIGNAL LOLOS CONDENSER**. R-143, 11 plate, \$3.10; R-144, 17 plate, \$3.20; R-146, 23 plate, \$3.30; R-146, 43 plate, \$3.50. **SIGNAL FORMICA END CONDENSER**. R-76-S, 43 plate, \$2.40; R-77-S, 21 plate, \$1.80; R-7817-S, 17 plate, \$1.70; R-7815-S, 15 plate, \$1.65; R-7811-S, 11 plate, \$1.60; R-785-S, 5 plate, \$1.40; R-783-S, 3 plate, \$1.30.
- Simmons Manufacturing Co., 3405 Perkins Ave., Cleveland, Ohio. **MUZADA SUPER**. 3 to 43 plate, \$1.00 to \$3.00. Patent vernier attachment.
- G. Sittmann & Sons, 105 Liberty St., Brooklyn, N. Y.
- Stag Sales Corporation, 105 W. 40th St., New York City. **NELSLIDE**. Slide condensers. 11 plate, max. cap. .00025 min. cap. .000006; 15 plate, max. cap. .00035; min. cap. .000007; 21 plate, max. cap. .0005 min. cap. .000008; 41 plate, max. cap. .001, min. cap. .000016.
- Stahl Rectifier Company, 1455 W. Congress St., Chicago, Ills. **STAHL SHORT PROOF CONDENSER**.
- Steinite Laboratories, Radio Bldg., Atchison, Kans. \$1.00.
- Stern & Company, 308 Asylum St., Hartford, Conn. **FESCO**. 43 plate, 23 plate, 11 plate, 3 plate.
- Storch Manufacturing Company, Paynter Ave., and Boulevard, Long Island City, N. Y. **ADMIRAL**.
- Tillman Products Company, 187 W. 9th St., Brooklyn, N. Y.
- Transatlantic Radio Corp., 117 E. 24th St., New York City.
- Triangle Atlantic Corp., 349 Adams St., Brooklyn, N. Y. **TRIANGLE ATLANTIC**. Grounded rotor type.
- Turn-It Radio Sales, Inc., 30 Church St., New York City. **TURNIT**.
- United Scientific Labs., Inc., 80 4th Ave., New York City.
- U. S. Knochel, 3708 E. Pratt St., Baltimore, Md. **USK**.
- U. S. Tool Company, Inc., Ampere,

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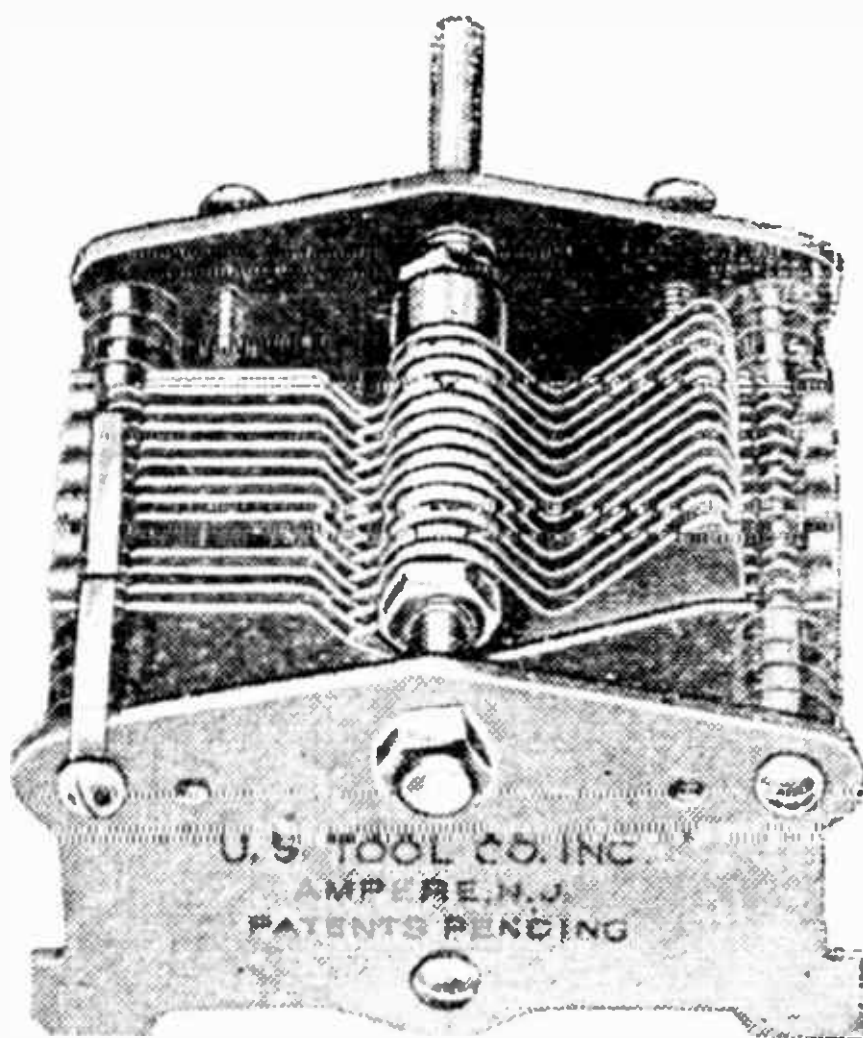
U. S. TOOL CONDENSERS

The rapid advance of radio reception has necessitated definite advances in condenser construction. The one piece stator and the multiple types are instances of our engineers' efforts to keep U. S. Tool Condensers the leaders in efficiency and sales. Radio buyers who build their own receivers are demanding the best obtainable. U. S. Tool Condensers meet that and bring their trade to your doors.

MULTIPLE CONDENSERS

For Single Control Receivers

Two or three units operating on one dial provide the same efficiency with greater simplicity of tuning.

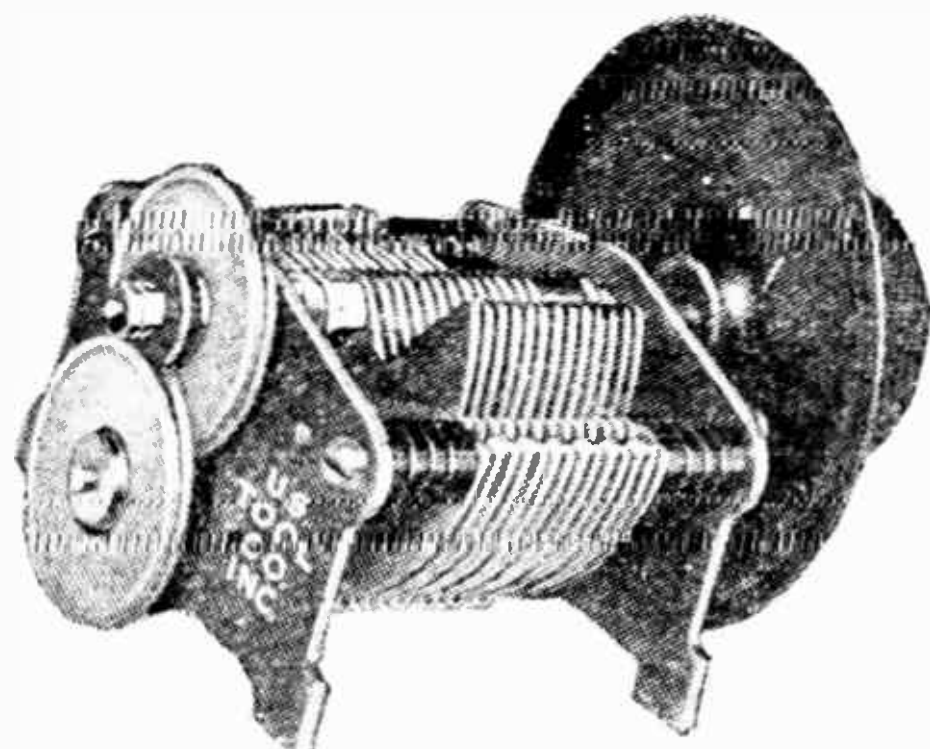


MODEL 8

Most efficient condenser made with new and patented one-piece stator, guaranteed to give sharp tuning at the lower broadcasting wave lengths.

Capacity—

Max. .00025.	Min. .0000076.....	\$2.70
Max. .00030.	Min. .000008.....	2.85
Max. .00035.	Min. .0000086.....	2.95
Max. .00050.	Min. .000011.....	3.75



MODEL 9

Same as Model 8, but with Vernier and Kurz Kaseh Dial.

Capacity—

Max. .00025.	Min. .0000076.....	\$3.75
Max. .00030.	Min. .000008.....	3.85
Max. .00035.	Min. .0000086.....	4.10
Max. .00050.	Min. .000011.....	4.75

Write for Proposition

U. S. TOOL CO., Inc.
AMPERE, N. J.

CONDENSERS, VARIABLE

(Continued)

N. I. U. S. TOOL CONDENSERS. Plain types, \$2.70 to \$3.75; vernier types, \$3.75 to \$4.75 with micrometer dial; multiple condensers, \$9.60 to \$15.00.

Wade Radio Corp., 1819 Broadway, New York City. WADE. .000125 \$7.50; .00025, \$7.75; .0005, \$8.00, Wade square law condensers.

Walwart Electric Mfg. Company, 308 S. Green St., Chicago, Ills. Walwart 3 plate, \$1.50; 5 plate, \$1.65; 23 plate, \$3.00; 43 plate, \$3.50.

Warren Radio Corp., 52 Vanderbilt Ave., New York City. WARREN STRAIGHT LINE LOW LOSS CONDENSERS. List price (according to capacity). Single, \$2.00 to \$2.50; double, \$5.00 to \$7.50; triple, \$7.50 to \$9.50.

Waterbury Button Company, Waterbury, Conn. 11 plate, 23 plate, 43 plate.

O. C. White Company, 17 Hermon St., Worcester, Mass. WHITE. Variable, vernier.

Wireless Radio Corp., 182 Lafayette St., New York City.

Wireless Specialty Apparatus Company, 76 Atherton St., Jamaica Plain, Boston, Mass. FARADON.

"X" Labs., 25 W. 45th St., New York City. X LABS. Vernier .0005 stripped, \$6.00; non-vernier, with dial, \$6.75; with vernier dial and knob, \$8.00.

CONDENSERS, VERNIER (see Condensers, variable)

CONDENSITE CELERON — Diamond State Fibre Co., Bridgeport, Pa.—Panels and parts, condenser ends.

CONNECTICUT RADIO—Connecticut Telephone & Electric Co. Meriden, Conn.—Condensers, transformers, head sets, phones, battery switches, vacuum tubes, switches.

CONNECTING BLOCKS

(making possible the use of several headsets on a single receiving set)

Ajax Electric Specialty Company, 1011 Market St., St. Louis, Mo. AJAX. No. 18a, \$1.50.

American Electric Company, State and 64th Sts., Chicago, Ills. AMERICAN ELECTRIC. 2 pairs, 45c.; 3 pairs, 60c.; 4 pairs, 75c.; 5 pairs, 90c.

L. S. Brach Mfg. Company, 127 Sussex Ave., Newark, N. J. BRACH. Extension cord. For extending headset or loud speaker, with 25 ft. leads, \$2.00; with 50 ft. leads, \$2.50.

Globe Phone Mfg. Company, Reading, Mass. Multiple. No. 35. \$4.00.

CONNECTORS

Forman & Company, 366 Greenwich St., New York City. FORMAN & CO., Multiple phone. 9c pair, 2 in envelope.

Globe Phone Mfg. Company, Reading, Mass. GLOBE. \$4.00.

Howard B. Jones, 612 S. Canal St., Chicago, Ills. JONES MULTI-PLUG with cable. Type PM, \$4.00; type BP, \$5.00.

Liberty Metal Products Company, 592 Front St., Berca, Ohio. BEAN. Multiple horn, No. 36, \$1.85.

Frank W. Morse Company, 289 Congress St., Boston, Mass. Multiple phone. Brass wire. Per hundred, \$5.00, \$5.50, \$6.00.

CONNECTION STRAPS

Frasier-Marsh, 347 Naugatuck Ave., Devon, Conn. Battery. F. & M. non-corroding, self-locking, \$1.00.

Joseph Pollak Tool & Stamping Company, 85 Freeport St., Dorchester District, Boston, Mass. UNIVERSAL.

CONNECTIONS

(for parts)

Keizer & Legrand Mfg. Company, S. Hadley Falls, Mass. Pigtail.

Permanco Mfg. Corp., 1114 De Kalb Ave., Brooklyn, N. Y. LENZ GROUND HOGS. Spring ground connections. PREMO. Spring clamps.

Precise Mfg. Corp., 254 Mill St., Rochester, N. Y. No. 744 coupling, for connecting the rotors of two condensers for tuning simultaneously. List, 60c.

CONNECTORS

(for bus wire and wiring)

J. H. Breaznell; 136 Livingston St., Brooklyn, N. Y. BREAZNELL. Dry battery.

Columbia Radio Corp., 155 N. Union St., Chicago, Ills. Battery.

Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills. ERLA. Erla solderless connectors, No. 1, Variocoupler, 5c; No. 2, Bus Bar, 2-Way, 4c; No. 3, Bus bar, 3-way, 4c; No. 4, jack, 4c.

Fahnestock Electric Company, East Ave. and 8th St., Long Island City, N. Y. FAHNESTOCK. Telephone test. Antenna.

Parker-Aeolus Corp., 161 Grand St., New York City. Multiple phone.

Radio Specialty Company, Inc., 96 Park Place, New York City. Antenna. RASCO. No. 999, 25c.

Sheeld Trimming & Stamping Co., 211 Centre St., New York City.

H. B. Sherman Mfg. Company, Battle Creek, Mich. SHERMAN. Rigid battery connector. Double cord extension connectors; wire; battery.

CONNECTORS (Continued)

F. R. Zierick Machine Works, 207 Canal St., New York City. ZIERICK. Buss-bar. Tee. Battery.

CONNECTOR CLIPS (see Clips)**CONSCO**

CONSCO—Consco Electric Co., 147 W. 23rd St., New York City, loud speakers.

CONSOLIDATED — Consolidated Wire & Associated Corp., Chicago, Ill.—Battery cable cord.

CONSOMELLO—Mazda Radio Mfg. Co., 3491 Perkins Ave., Cleveland, Ohio.—Transformers, receiving sets.

CONSOMELLO GRAND — The Mazda Radio Mfg. Co., 3491 Perkins Ave., Cleveland, Ohio.—Receiving sets.

CONSOMELLO JUNIOR — Mazda Radio Mfg. Co., 3491 Perkins Ave., Cleveland, Ohio — Receiving sets.

CONSRAD—The Consrad Co., Inc., 233 Fulton St., New York City—Books, hook-uns.

CONSTANT POTENTIAL OUTFITS (see Battery chargers, commercial installations)

CONTACTS

(for vacuum tubes and continuous contact points)

Baker & Company, Inc., Murray and Austin Sts., Newark, N. J. BAKER. (Sold by weight) Platinum and silver.

Forman & Company, 366 Greenwich St., New York City. UN-X-LD. Phosphor bronze.

Leach Relay Company, 507 Mission St., San Francisco, Calif. LEACH. Silver key contacts.

F. R. Zierick Machine Works, 6 Howard St., New York City. Socket.

CONTACT LEVERS (see Switch parts)

CONTACT POINTS

Aerovox Wireless Corp., 489 Broome St., New York City. AEROVOX.

Ajax Electric Specialty Company, 1011 Market St., St. Louis, Mo. AJAX. \$1.00 per hundred.

American Mechanical Labs., Inc., 285 N. 6th St., Brooklyn, N. Y. A.M.L.

Baker & Company, Inc., 54 Austin St., Newark, N. J.

J. Bishop & Company, Platinum Works, Malvern, Pa.

Bronx Radio Equipment Company, 687 Courtlandt Ave., Bronx, New York City. BRECO. 3c.

The H. H. Eby Company Philadelphia, Pa. EBY. \$8.00, all sizes, per one thousand.

The Hart & Hegeman Mfg. Company, 342 Capitol Ave., Hartford,

COOPER

Conn. H. & H. W-500, 4c.; W-501, 3c.; W-502, 3c.

U. T. H. Hungerford Brass & Copper Company, 80 Lafayette St., New York City. STAR BRAND.

King Quality Prod., Inc., Buffalo, N. Y. KING QUALITY. Switch stops, 4c.; contact points, six sizes, 4c. each.

Frank W. Morse Company, 289 Congress St., Boston, Mass. All sizes and styles.

Philmore Mfg. Company, 105 Chambers St., New York City.

Waterbury Mfg. Company, 236 Grand St., Waterbury, Conn. Brass or nickel plated.

H. A. Wilson, 97 Chestnut St., Newark, N. J. WILCO.

CONTINUOUS HINGES (see Hardware, cabinet)

CONTINENTAL—Continental Electric Co., Inc., 323 Ferry St., Newark, N. J.—Battery chargers, high voltage generators, motor generators, transmitting sets, plate current generators, dynamators.

CONTINENTAL—Continental Fibre Co., Newark Del.—Fibre, Vulcanized.

CONTINENTAL—Continental Sales Corp., 77 West Washington St., Chicago, Ill.—Vacuum tubes.

CONTINENTAL—Gardner & Hepburn Inc., 2100 Washington Ave., Philadelphia, Pa.—Condensers.

CONTINENTAL LO-LOSS—Gardner & Hepburn, Inc., 611 Widener Bldg., Factory 21st and Washington Ave., Philadelphia, Pa.—Variable condensers.

CONTRACT WORK

Eclipse Machine Company, 15th and Garden Sts., Hoboken, N. J.

C. L. Geesey Radio Company, 35 S. Dearborn St., Chicago, Ills.

C. B. Repp, Plainfield, N. J. All contract work except woodworking. Udall & Landan Mfg. Co., Inc., 200 Canal St., New York City.

CONTROLS (see Dials; Vernier devices)

CONTROL-O-METER — Malone-Lemmon Lab., 342 Madison Ave., New York City—Wave Traps.

CONVERTIBLE—Operadio Corp., 8 South Dearborn St., Chicago, Ill.—Receiving Sets.

COOK—Cook Pottery Co., Trenton, N. J.—Tubes.

CO-OP—Cooperative Sales Co., 401 Calumet Bldg., St. Louis, Mo.—Sets, loop aeriels cabinets, radio tables.

COOPER—The Cooper Corp., Cincinnati, Ohio—"A" and "B" batteries.

COPPERWELD

COPPERWELD—Copperweld Steel Co., Braddock, P. O., Rankin, Pa. —Antenna wire, lead-in wire, ground wire, ground rods.

COPPER WIRE (see Wire)

CORD TIPS (see Tips, cord)

CORDS

(cords for head sets, loud speakers, extension loud speakers, etc.)

Ajax Electric Specialty Company, 1011 Market St., St. Louis, Mo. AJAX. Single, 60c.; double, 75c.

Alden Mfg. Company, 52 Willow St., Springfield, Mass. NA-ALD. 20 ft. extension No. 175, \$1.75.

American Braiding Company, Holyoke, Mass. A.B.CO. LUSTERIZED. Phone and extension.

American Electric Company, State and 64th Sts., Chicago, Ills. AMERICAN ELECTRIC. 20c. to \$1.50 according to length and kind.

Belden Mfg. Company, 23rd St. and Western Ave., Chicago, Ills. BELDEN. Extension head set.

Brooklyn Metal Stamping Corp., 718 Atlantic Ave., Brooklyn, N. Y. B. M. S. CORD. \$1.25.

Consolidated Wire & Associated Corp., Green and Congress Sts., Chicago, Ills.

Crescent Braid Company, Providence, R. I. PREMIER. 20 ft., \$1.75. Complete with connecting plug Premier, Jr., 25 ft., \$1.50; 35 ft., \$1.75; soft, \$2.00.

De Jur Products Company, Lafayette and Broome St., New York City. DE JUR. Telephone, extension, cable.

De Luxe Sales Company, 112 Trinity Place, New York City. Extension, with double plug, \$1.25; with bakelite automatic connector, 30 ft., \$1.75; 20 ft., \$1.50.

Herbert H. Frost, Inc., 314 W. Superior St., Chicago, Ill. FROST-RADIO. Extension. Twin conductor with phone plug and mounted jack. No. 330, 10 ft., \$2.00; No. 331, 20 ft., \$2.25; No. 332, 30 ft., \$2.50; No. 333, 40 ft., \$2.75; No. 334, 50 ft., \$3.00; No. 335, 100 ft., \$5.50; No. 336, mounted jack only, 75c; No. 337, 18 in., ex. cord with cord tips and mounted jack, \$1.00.

Goodrich Lenhart Mfg. Company, Hamburg, Pa. GOODRICH-LENHART. Phone and loud speaker.

Davis Jones Insulated Wire Company, Pawtucket, R. I. DAVIS JONES. Lamp; flexible; portable.

COUPLERS

Keizer & Legrand Mfg. Company, S. Hadley Falls, Mass. KEIZER KORDS. Radio and Telephone. Extension cord with jack one end and plug other end. 10 ft., 20 ft., 30 ft., 40 ft., 50 ft., 100 ft.; head-set; loud speaker.

Kellogg Switchboard & Supply Company, 1066 W. Adams St., Chicago, Ills. 50c. to \$1.00.

Maxwell Mfg. Company, Chelsea, Mass. Head-set, loud speaker, extension, battery cables.

Frank W. Morse Company, 289 Congress St., Boston, Mass. MORSE. Extension.

Philmore Mfg. Company, 105 Chambers St., New York City. AJAX.

Polymet Manufacturing Corp., 599 Broadway, New York City. POLYMET. E-Z. Extension cord.

Runzel-Lenz Electric Mfg. Company, 1751 N. Western Ave., Chicago, Ills.

The Saturn Manufacturing & Sales Company, Inc., 48 Beekman St., New York City. SATURN. Extension cord, 40c.

Spee-Dee Specialty Company, 271 Canal St., New York City. HERCULES PROD. Extension.

CORPORAL—The H. H. Eby Mfg. Co., 40 South Seventh St., Philadelphia, Pa.—Metal binding posts.

CORRUGATED BOXES

PeQuot Mfg. Co., Manley and Thompson Ave., Long Island City, N. Y. PEQUOT. Aircushion.

CORYPHONE—Chas. Cory & Son, Inc., 183 Varick St.—Headsets, loud speakers.

CORYPHONE MASTERTONE — Chas. Cory & Son, Inc., 183 Varick St., New York City—Loud speakers.

CORWICO —Cornish Wire Co., 30 Church St., New York City. —Wire, flexible lamp cord.

COSMITE — Cosmite Crystal Co., Woodbury, N. J.—Crystals.

COSMOPOLITAN PHUSIFORMER —Cosmopolitan Phusiformer Co., 17 West 18th St., New York City—Receiving sets.

COTOCOIL — Coto Coil Co., 87 Willard Ave., Providence, R. I.—Coils, tubing, inductance coils, mountings, variometers, vario couplers, audio and radio transformers, variable condensers, sockets.

COUPLERS (also see Variocouplers)

All American Radio Corp., 4201 Belmont Ave., Chicago, Ills. ALL AMERICAN. Type R, 130, \$5.00. (Oscillator coupler, super-heterodyne.)

COUPLERS (Continued)

- Bremer Tully Mfg. Company, 532 Canal St., Chicago, Ills. BREMER-TULLY. Oscillator.
- J. H. Bunnell & Company, 32 Park Place, New York City. JOVE. Loose couplers, \$13.00; DANDY, \$9.00; PREMIER, \$18.00.
- The Carter Mfg. Company, 1728 Coit Ave., East Cleveland, Ohio. "CARCO." No. 1 coupler, \$3.50; No. 2 coupler, \$4.00; No. 3 coupler, \$6.75; No. 4 coupler, \$6.75; Ham Special 40-120 meters, \$5.00; Ham Special, 75-200 meters, \$6.00.
- Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills. Antenna coupling device. ERLA SELECTOFORMERS. Erla balloon circloid coupler, \$4.00.
- General Mfg. Company, 6637 Cottage Grove Avenue, Chicago, Ills. GENERAL. Antenna couplers.
- General Radio Company, 30 State St., Cambridge, Mass. Type 213, 1,000 cycles. \$32.00.
- A. E. Hill Mfg. Company, 80 Magnum St., Atlanta, Ga. MULTIFORMER. Fixed.
- Langbein & Kaufman, 654 Grand Ave., New Haven, Conn. LANGBEIN & KAUFMAN. Super-Heterodyne. Oscillators. CHO \$7.50.
- Lincoln Radio Corp., 224 N. Wells St., Chicago, Ills. LINCOLN. Oscilla Coupler. OSCILLASCOPE. \$6.50.
- Pianstiehl Radio Company, 11 S. La Salle St., Chicago, Ills. PFANSTIEHL. Pianstiehl Oscillo-Coupler. \$6.00. With By-Pass Condenser.
- Radio Receptor Company, Inc., 106 7th Ave., New York City. Oscillator. RECEPTRAD. Oscillo Coupler. type 21. \$6.00; filter. RECEPTRAD. Tuned filter coupler. Type H-34, \$7.50.
- Ray-Dee Aircraft Mfg. Co., 115 Fifth St., Redlands, Calif. RAY-DEE. Coupler, \$5.00.
- Remler Radio Mfg. Company, 182 Second St., San Francisco, Calif. REMLER. Balanced winding long wave coupling unit type 620, list, \$3.00.
- St. James Labs., Inc., 845 Washington Blvd., Chicago, Ills. ST. JAMES OSCILLECTOR.
- Samson Electric Company, Canton, Mass. SAMSON. Double rotor, \$7.50.
- Shamrock Mfg. Company, 204 Waverly Ave., Newark, N. J. SHAMROCK. Acme reflex coupler, \$3.50; Oscillator super-heterodyne coupler, \$3.50.

CRYSTALS

- Steinite Labs., Radio Bldg., Atchison, Kans., \$4.00.
- CRADY, O-DYNE—Cradydodyne Radio Mfg. Co., 4760 Boulevard, West New York, N. J.
- CRAM RADIO MAPS—The George F. Cram Co., 111 No. Market St., Chicago, Ills.—Maps.
- CREMONA DE LUXE — Curtis Ledger Fixture Co., 235 W. Jackson Blvd., Chicago, Ill.—Loud speakers.
- CREMONA JR.—Curtis Ledger Fixture Co., 235 West Jackson Blvd., Chicago, Ill.—Loud speakers.
- CRESCENT — Crescent Insulated Wire and Cable Co., Trenton, N. J.—Wire.
- CRESCENT—Crescent Mfg. Co., Central Station, Toledo, Ohio.—Transformers.
- CRESCENT BRAID—Crescent Braid Co. Inc., Providence, R. I.—Phone cords, insulating materials, spaghetti tubing.
- CRESCENT-LAVITE — Crescent Radio Supply Co., 1 Liberty St., Jamaica, N. Y.—Resistances.
- CRL (in diamond) — Central Radio Lab., 303 16th St., Milwaukee, Wis. Grid leaks, potentiometers.
- CROSLEY — Crosley Radio Corp., Cincinnati, Ohio—Rheostats, receiving sets, switches, amplifiers, cabinets, special condensers, headsets, knobs, dials, sockets, filament, switches.
- CROSLEY MUSICONE — Crosley Radio Co., Cincinnati, Ohio.
- CRS (RS inside letter C) — Radio Stores Corp., 218 W. 34th St., New York City—Condensers, telephone plugs, loops, wave traps, sets.
- CRYSTALS**
- Adbrin Labs., 469 Broad St., Newark, N. J. Mineral. TONE TESTED.
- Aerovox Wireless Corp., 489 Broome St., New York City. Mounted. AEROVOX FOURDOT, 15c. GALENA or PYRITES. Aerovox Everypoint, 25c. Triple mounted, 40c.
- The Airex Company, 799 Greenwich St., New York City. REXITE. Synthetic.
- Ajax Electric Specialty Company, 1926 Chestnut St., St. Louis, Mo. 5c, 6c, 10c, 25c.
- Argentite Radio Corp., 116 N. Daly St., Los Angeles, Calif. ARGENTITE. Unmounted.
- L. S. Brach Mfg. Company, 129 Sussex Ave., Newark, N. J. BRACH. Fixed Crystals.

CRYSTALS (Continued)

Roland Brownlie & Company, 22 Saunders St., Medford, Mass. **BROWNLIE**. Reflex. Refle Special, \$1.00.

California Radio Minerals, 904 Oak Grove Avenue, Burlingame, Calif. **A-1**. Crystals.

Celerundum Radio Products Company, 76 Woodbine St., Wollaston, Mass. **CELERUNDUM**. Mounted. 35c.

Clearco Crystal Company, Clearco Bldg., Idaho Springs, Colo. Flange and straight types. **"CLEARCO CRYSTALS."** 30c.

Cosmite Crystal Company, Woodbury, N. J. **COSMITE**. Crystals.

Daniel Specialty Company, 5232 Melrose Ave., Los Angeles, Calif. **DSC**. Mounted.

Durban Electric Company, 400 N. Laramie Ave., Chicago, Ills. **DURBAN**. Mounted.

Eagle Electric Mfg. Company, 38 S. 8th St., Brooklyn, N. Y. **EAGLE**.

Electric City Novelty & Manufacturing Company, 126 Odell St., Schenectady, N. Y. **RADJO**. 25 cents, 50 cents, 75 cents, \$1.00.

Everett Radio Company, 5207 Dorchester Ave., Chicago, Ills. **DX-ALENA**. 50c.

Foote Radio Corporation, Successors to Radio Dept., Foote Mineral, 1609 Summer St., Philadelphia, Penna. Crystals; mounted, triple tested. **LITTLE GIANT** pyrite and galena singles, 50c; **GIANT** galena and pyrite singles, 75c; **TRIPLETS**, 60c; **GIANT TRIPLETS**, \$1.00; fixed **FOOTE-TECTOR**, \$1.00; fixable (adjustable), **VARIOTECTOR**, \$1.50; (rough) (a) unmounted, sized, tested, (b) lump, unsized, untested, galena, pyrite, silicon, zincite (red, natural and yellow, artificial tellurium. Prices of lump by weight. Prices of sized, according to kind and size. Minimum quantity, \$5.00 net of (a) or (b).

Forman & Company, 366 Greenwich St., New York City. **FORMAN & CO**. 5c. (Galena, Silicon, Pyrites).

Grewol Mfg. Company, 35 Belleville Ave., Newark, N. J. **GREWOL**. **TWO IN ONE CRYSTAL**. 50c.

W. B. Haller, 2100 Sarah St., S. S. Pittsburgh, Penna. **HALLERIO**. 25c. Mounted.

C. E. & H. T. Hargraves, 1103 Warwick Ave., Lakewood, R. I.

CRYSTALS

Mounted, with gold cat whiskers, 50c.

Harris & Birdseye, Inc., 25 Church St., New York City. **HARCO**. Reflex.

Hearwell Electric Company, 153 Devonshire, Boston, Mass. **SYNTHETIC-DIAMOND**. Open crystal. 50c.

Jaynxon Laboratories, 57 Dey St., New York City. **JAYNXON**. L. D. R. supercrystal, 50c; reflex supercrystal, 75c; selenite supercrystal, 35c; black diamond crystal, 25c.

Labidate Radio Prod., 121 E. 40th St., New York City. **Labidate**. Mounted; fixed.

Lee Electric & Mfg. Company, 222 8th St., San Francisco, Calif. **LEMCO**. Crystals. Mounted. No. 228, 50c; No. 300, Fixed Crystal Detector, 60c; No. 229 Adjusted Crystal Detector, \$1.00.

McMurty & Company, 4133 Kenmore Ave., Chicago, Ills. **CRYTEC**. Mounted.

The A. H. Miller Radio Company, 1259 W. Grand Blvd, Detroit, Mich. **GENUINE MILLER-B-METAL**. 50c.

Mineral Products Sales Corp., 7 W. 16th St., New York City. Galena, pyrites, silicon, tellurium. Metal alloy.

Mississippi Valley Radio Company, 203 Pine St., St. Louis, Mo. **M-V**. Reflex, 25c.

Walter C. Morris, 170 Rossiter Ave., Yonkers, N. Y. Galena, pyrites and silicon mounted, 25c; gold medal, 50c; silver medal, 25c.

M. P. M. Sales Company, 247 S. Central Ave., Los Angeles, Calif. **MILLION POINT MINERAL**. Unmounted, 25c; mounted, 35c.

Newman Stern Company, E. 12th & Walnut Sts., Cleveland, Ohio. **MINERAL NAA**. Meter tested crystals.

Novelty Radio Mfg. Company, 204 S. 4th St., St. Louis, Mo. **STAY-PUT**. Mounted.

Pacific Radio Specialty Company, 17 South Orianna St., Philadelphia, Penna. **DEATH VALLEY**. Single, 30c. **PERMATECT**. Fixed, \$1.25. **SEMATECT**, Semi-fixed, \$1.25.

Philmore Mfg. Company, 105 Chambers St., New York City. **PHILMORE "X" TRA LOUD**, 25c, 50c.

Phoenix Radio Laboratory, P. O. Box 1854, Phoenix, Ariz. **PYRITES AND GALENA**. Bulk, 25c to \$5.00 per pound.

Ports Mfg. Company, 3305 E. Belmont Ave., Fresno, Calif.

Silver Dome Fixed Crystal



Made for all Crystal and Reflex sets requiring a reliable and sensitive rectifier. Silver tones through a gold contact. Will not oxidize. Price \$1.00.

Sell your customer a rectifier with a money back guarantee.

C. E. & H. T. HARGRAVES

1103 Warwick Ave.,

Lakewood, R. I.

RADIO MINERAL

Galena and Pyrites

MOUNTED CRYSTALS

Any grade in standard mountings or mounted according to your specifications.

PHOENIX RADIO LAB.

Box 1854

PHOENIX—ARIZONA

Central States Representation

TO properly cover the Central States, THE RADIO DEALER and THE RADIO MANUFACTURER maintain offices at 35 South Dearborn Street, Chicago, Ills.

The Radio Dealer is the National Trade Journal of the entire Radio Industry

CRYSTALS (Continued)

PRMCO. Crystals, unassembled. Post Trading Company, 33 W. 42nd St., New York City. NEVER-FAIL. Crystals, 50c.

Radio Specialty Company, 96 Park Place, New York City. No. 327, 15c; No. 317, 25c.

Radio Testing Station, 25 Sturges St., Binghamton, N. Y. R. T. S. SUPERSENSITIVE, 25c; R. T. S. SOLID TEST, 50c.

R-U-F Products Company, 292 Liberty Avenue, Brooklyn, N. Y. Mineral. R-U-F. Rough surface WONDER crystal, 50c.

Maurice Schwartz & Son, 710-712 Broadway, Schenectady, N. Y.

Shamrock Mfg. Company, 204 Waverly Ave., Newark, N. J. SHAM-ROCK HARKNESS. Mounted, 50c.

Specialty Service Company, 9 Hanson Place, Opp. L. I. R. R. Station, Brooklyn, N. Y. D-X, 50c; Canada, 65c.

Standard Mineral Company, 216 Market St., Newark, N. J. STANDARD BRAND. 35c.

Star Crystal Company, 525 Woodward Ave., Detroit, Mich. STAR. Star-ite, Argenta, Silicon, Galena.

Steinite Laboratories, 504 S. State St., Chicago, Ills. LONG DISTANCE mounted crystals; list, 50c, 3 for \$1.00.

Taylor Electric Company, 1206 Broad St., Providence, R. I. AUDION. 25c.

Tip-Top Crystal Company, 216 Market St., Newark, N. J. TIP-TOP. Mounted, 50c.

T. N. T. Radio Products Company, 1344 Fillmore St., San Francisco, Calif. T.N.T. Mounted.

Trimount Trading Company, 61 Court St., Boston, Mass. TRIMOUNT. Mounted and unmounted.

Westville Mfg. Company, Westville, N. J. W. C., 25c.

G. S. Whitaker, Ltd., 8 Colborne St., Toronto, Canada. WHITAKER.

Wolverine Radio Company, 103 W. Atwater St., Detroit, Mich. MEXITE BRASS BAND. 50c.

CRYSTALS FIXED

The Erisman Laboratories, 3785 Broadway, New York City. PYRATEK. For REFLEX and CRYSTAL Circuits, \$1.25.

CRYSTAL HOLDERS

Radio Specialty Company, Inc., 96 Park Place, New York City. RASCO. No. 318, 25c.

Waterbury Mfg. Company, Waterbury, Conn. Galena Cup. Brass or nickel finish.

CURRENT SUPPLY DEVICES

CRYSTALS, BULK MINERAL (see heading for particular mineral desired)

CRYSTAL DETECTORS (see Detectors, crystal)

CRYSTAL SETS (see Sets, receiving)

THE CRYSTAL WITH A SOUL—Celerundum Radio Products Co., 76 Woodbine St., Wollaston, Mass.—Crystals, fixed detectors.

CRYSTAL MYSTERY—Trippe Reflector Corp., 310 S. Michigan Ave., Chicago, Ills.—Crystal receivers.

CRYTEC—McMurtry & Co., 4133 Kenmore Ave., Chicago, Ills.—Detectors, crystal, mounted crystals.

CRYTECTOR—Wm. A. Welty Co., 36 S. State St., Chicago, Ills.—Crystal detectors.

CULVER - STEARNS — Culver-Stearns Sales Agency, 27 Warren St., New York City—Switches, transformers, jacks, receiving sets.

CUNNINGHAM—E. T. Cunningham, Inc., 182 Second St., San Francisco, Calif.—Vacuum tubes.

CURRENT OPERATED RECEIVING SETS (see Sets, receiving)

CURRENT SUPPLY DEVICES (for operating receiving sets using current from lighting circuit for A or B battery circuits)

Clearstone Radio Electrical Supply Company, 70 Auburn Ave., Providence, R. I. Vacuum tube.

Cooper Corp., Cincinnati, Ohio. COOPER A-n-B battery eliminator.

Dubilier Condenser & Radio Corp., 4337 Bronx Blvd., at 238 St., New York City. SUPER DU'CON. "B" battery eliminator from A. C. or D. C.

D. X. Instrument Company, Union Trust Bldg., Harrisburg, Penna. Fil-Ko-A and B battery eliminator.

Engineering Labs. of America, 442 Broadway, New York City. ANODYNE. "B" battery eliminator. A. C., \$30.00; ANY CURRENT; "B" battery eliminator A. C. or D. C., \$17.50; D. C., \$13.00.

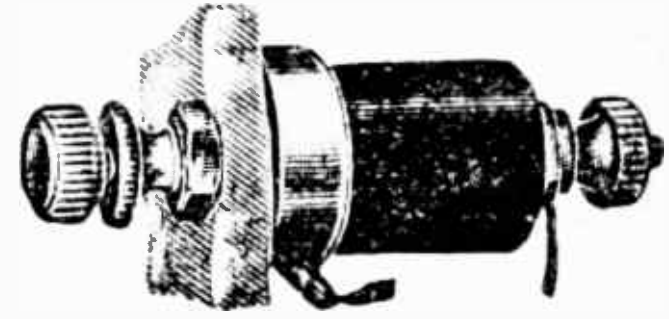
Epom Corp., 114 E. 47th St., New York City. "B" battery eliminator.

Fore Electrical Mfg. Company, Inc., 5255 N. Market St., St. Louis, Mo. FORE. "B" eliminators.

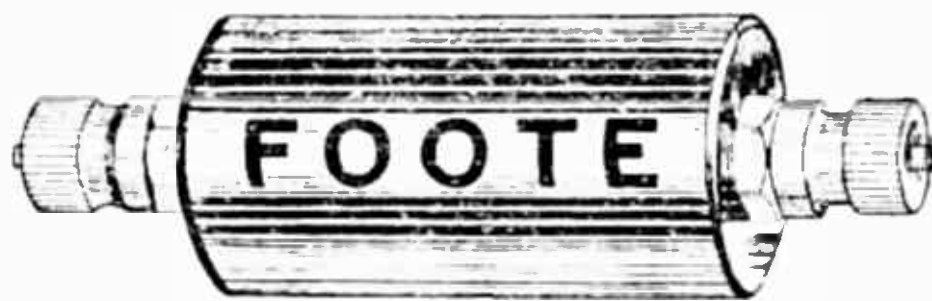
Chas. Freshman & Company, Inc., 240 W. 40th St., New York City. MASTER "B" Battery eliminator.

Famous FOOTE Crystals

Leading Radio Manufacturers, Jobbers and Dealers recognize Foote as the leader in the development of crystal detectors. Here are two of the Famous Foote Crystals. The Variotector and the Foote-Tector.



VARIOTECTOR—Fixed or fixable. Panel mounting. Mechanically and electrically perfect for Reflex. \$1.50 retail.



FOOTE-TECTOR—Fixed detector. Perfect insulation—extra loud. Jolt-proof and fool-proof. Foote's new leader. \$1.00 retail.

Every Foote Crystal—there are 10 different types—from 35 cents to \$1.50—is triple tested for triple-life—triple-size—triple power. Used by U. S. Navy.

Write for descriptive, illustrated price sheets.

Also ask about Foote Super-hot kit—the unrivalled COAST COIL and the new Foote tube testing device, the OSCILLAMETER.

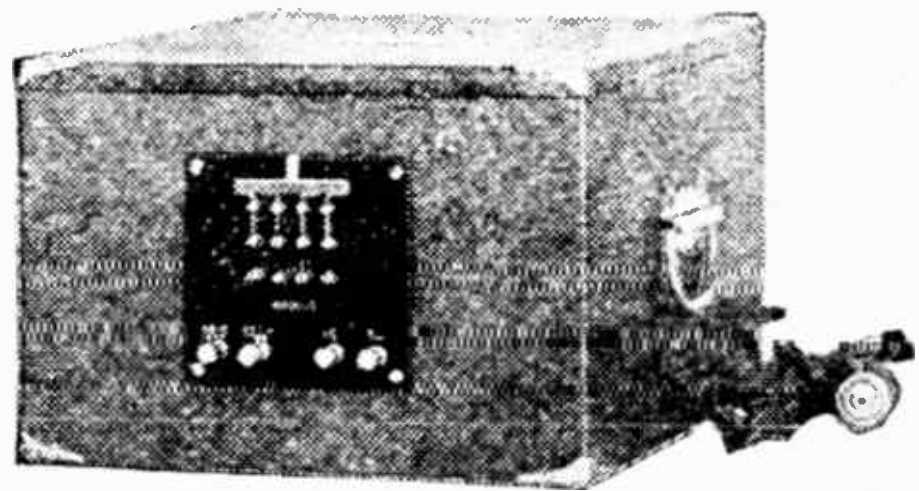
FOOTE RADIO CORPORATION

1607 SUMMER STREET

PHILADELPHIA, PA.

The best yet!

That's what KIC-O jobbers, dealers and thousands of users are saying about the new KIC-O Multi-Power Unit. Multi-Power Units mean—"B" Eliminator simplicity with alkaline storage battery reception. No acid fumes! No costly bulbs! line hums or buzzes impossible! Shipped ready to use! Write Jobbers! Dealers!



KIMLEY ELECTRIC CO., Inc.
2669 Main St. Buffalo, N. Y.

PRICE
(Type 90MX Unit Complete)
\$26.50

The Wilson "B" Radiopower Unit



IN POLISHED WALNUT CASE
LIST PRICE, \$35

A dependable, economical and convenient plate current supply. Absolutely no hum during operation. Furnishes uniform voltage. No acid to spill and no moving parts to get out of order. Fits all sets. Write for information.

RADIO UNITS INC.
1308 First Ave., Maywood, Ill.

CURRENT SUPPLY DEVICES

(Continued)

Grigsby - Grunow - Hinds Company,
..4540 Armitage Ave., Chicago, Ills.
MAJESTIC.

Gould Storage Battery Company,
Inc., 250 Park Ave., New York
City. **GOULD UNIPOWER.** A
batteries combined with A. C.
chargers. See also batteries.

Hayes Products Company, 1301 Ful-
ton St., Grand Haven, Mich. A
and B eliminators.

Kellogg Switchboard and Supply
Company, 1066 W. Adams St., Chi-
cago, Ills. **KELLOGG TRANS-B-**
FORMER. \$50.00 without tubes).

Lestein Corporation of America, 2
Broadway, New York City. **LES-**
TEIN. Adapter and Hook-up.
LEVIN. Electropower.

Los Angeles Sales Company, Inc.,
1211 W. 6th St., Los Angeles, Calif.
"A" from A. C., \$6.00. **LASCO.**

The Glenn L. Martin Company,
Cleveland, Ohio. "Aero-B" List
\$42.00.

MacFadden & Co., Inc., 2202 Arch
St., Philadelphia, Pa. **MACFAD-**
DEN B-POWER GENERATOR.
\$35.00.

McMurtry & Company, 4133 Ken-
more Ave., Chicago, Ills. **McMUR-**
TRY "L" UNIT. Plate current
supply.

The Radiogem Corp., 66 W. Broad-
way, New York City. **A-B**
POWER UNIT. "A" and "B"
battery eliminators.

The Radio Guild, 178 Commerce St.,
Newark, N. J. B eliminators.

Radio Receptor Company, 106 Sev-
enth Ave., New York City. **RE-**
CEPTRAD B FILTER. \$20.00. for
direct current.

Radio Units, Inc., Maywood, Ills.
THE WILSON "B" RADIO-
POWER UNIT.

Radio Products, Inc., Richmond,
Ind. **DIS-TON.** Power Supply.
Complete in cabinet, with tube

and 12-foot extension cord and
screw plug. \$40.00, without tube,
\$37.50.

The Remo Corp., Meriden, Conn.
REMO A. & B.

Schickerling Radio Products Mfg.
Company, 40 Mulberry St., New-
ark, N. J. **POWER PACKT.**
Perfect "B" eliminator, including
"2" tube. \$50.50.

Timmons Radio Prod. Corp., 339 E.
Tulpehocken St., Philadelphia,
Penna. **TIMMONS B-LIMINA-**
TOR. A. C. \$28.00 with tube.

CUSHIONS, TELEPHONE EAR
Forest City Rubber Company, 1376
Ontario St., Cleveland, Ohio.
FOREST CITY.

The B. F. Goodrich Rubber Com-
pany, Radio Dept., Akron, Ohio.
GOODRICH RADIOPHONE.

May Rubber Company, 826 Arch St.,
Philadelphia, Pa. **MAY.** Rubber
Phone.

Philmore Mfg. Company, 105 Cham-
bers St., New York City. **AJAX.**
Rubber phone.

Radio Industries Corp., 131 Duane
St., New York City.

Radio Panel & Parts Corp., 59 War-
ren St., New York City. **IN-**
SULINS.

CURTANTENNA — Pathe Phono-
graph & Radio Corp., 20 Grand
Ave., Brooklyn, N. Y.—Aerials,
loop.

CYCLONE—Standard Electric Nov-
elty Co., Inc., 19 Bond St., New
York City.—"B" and "C" dry bat-
teries.

CYGNET—Standard Metal Mfg. Co.,
237 Chestnut St., Newark, N. J.—
Horns, loud speakers.

CYRAD—Schenectady Radio Corp.,
207 State St., Schenectady, N. Y.—
Crystal detectors.

C. W. APPARATUS (see, Sets
transmitting)

CUTTERS, PANEL (see Machinery,
panel cutting and drilling)

D

DALOMAK—McPhilbin Radio Corp.,
245 W. 55th St., New York City—
Radio parts.

DANDY—J. H. Bunnell & Co., 32
Park Place, New York City—
Telegraph keys, loose couplers.

DANIEL—Daniel Specialty Co., 5232
Melrose Ave., Los Angeles, Calif.
—Socket adapters, variocoupler
bearings and mountings, variometer
bearings and mountings, assem-
blies.

DANSTROM — Big Three Radio
Corp., 16 Hudson St., New York
City.—Phone plugs.

DARIOLA—Darwal Co., 1261 Broad-
way, New York City.—Radio re-
ceivers.

DASCO AIRLINE—D. A. Sanders,
69 S. Broadway, Nyack, New York
Variable condensers.

DAVEN AMPLIFIER KITS—Daven
Radio Corp., 158 Summit St.,
Newark, N. J.—Resistance coupled
amplifier kits.

DAVEN RADIO—Daven Radio Co.,
158 Summit St., Newark, N. J.—
Resistance units, receiving sets,
megohmmeters, grid leaks, mount-
ings, ballasts.

DAVEN

DAVEN—Daven Radio Co., 158 Summit St., Newark, N. J.—Resistors, receiving sets, grid leaks, mountings, ballasts.

DAVEN SUPER-AMPLIFIER—Daven Radio Co., 150 Summit St., Newark, N. J.—Units, resistance.

DAVIDSON RECEIVER—Davidson Radio Corp., 718 Atlantic Ave., Brooklyn, N. Y.—Receiving sets.

DAVIS-JONES—Davis-Jones Insulated Wire Co., Pawtucket, R. I.—Wire, bell, rubber covered wire, flexible lamp cord.

DAVIS RADIO CO.—Davis Radio Co., 50 West Front St., Keyport, N. J.—Receiving sets.

DAY-FAN—Dayton Fan & Motor Co., Dayton, Ohio—Receiving sets, couplers, antenna, amplifiers, coils.

DEAL — Deal Electric Co., 453 Broome St., New York City—Batteries, B Dry.

DEATH VALLEY — Pacific Radio Specialty Co., 17 S. Orianna St., Philadelphia, Pa.—Crystals.

DEBCO—Detroit Battery Charger Co., 3683 Willis Ave., East Detroit, Mich. — Storage battery charger.

DECKEL ENGRAVING MACHINES—H. P. Preis & Co., Inc., 13 Campbell St., Newark, N. J.—Engraving machines.

—Receiving sets, parts.

DEC-TEC-TONE — Pyramid Prod. Co., 117 North Dearborn St., Chicago, Ills.—Crystals, crystal detectors.

DE FOREST—De Forest Radio Co., Central Ave. & Franklin St., Jersey City, N. J.—Receiving sets, tubes, loud speakers and parts.

DETRICKSON, INC.—Detrickson Radio Co. Inc., St. Joseph, Mo.—Crystals, crystal sets, vario-couplers.

DEJCO—D. E. Johnson Co., 221 Fulton St., New York City.—Bakelite, hard rubber, panel engraving and machining, composition.

DE JUR—De Jur Products Co., Lafayette & Broome Sts., New York City — Rheostats, dials, sockets, grid leaks, jacks, plugs, fixed condensers, variable condensers, binding posts, potentiometers, cords, spaghetti.

DELCOMANIAS (see also Engravings)

The Commerford Co., 446 Adelphi St., Brooklyn, N. Y.

DETECTORS

DEL MARMOL—Del Marmol Radio Phonograph Co., 3522 Frankford Ave., Philadelphia, Pa.—Adapters, Phonograph.

DEL MONTE—J. Del Monte, 834 Coney Island Ave., Brooklyn, N. Y.—Adapters, Phonograph.

DELTA—Delta Co., 3475 Lycaste Ave., Detroit, Mich.—Mounted crystals.

DELTA—Delta Electric Co., Marion, Ind.—Headphones.

DE LUXE—De Luxe Electric Co., 1152 Bedford Ave., Bklyn., N. Y.—Variable condensers navy type plain, with vernier.

DE LUXE—Harold M. Schwab, Inc., 55 Vesey St., New York City, N. Y.—Kits.

DELUXE—Xcluso Auto Trunk & Specialty Corp., 588 Broadway, New York City—Cabinets, fabric or leather covered.

DEMCAL—Caldbeck Tool & Mfg. Co., Des Moines, Iowa—Variable condensers.

DEPENDABLE—Trimm Radio Mfg. Co., 24 S. Clinton St., Chicago, Ills.—Head sets.

DE-RES-NA -DYNE — Andrews Radio Co., 435 N. Michigan Ave., Chicago, Ills.—Receiving sets.

DESARC—Des Arc Battery Co., 3039 Elm St., Dallas, Texas.—Storage batteries.

DESERT CACTUS—T. N. T. Products Co., 1344 Fillmore St., San Francisco, Calif.—Cat whiskers.

DESKS (also see Cabinets)
(Desks for Receiving sets may be said to differ from tables in that they are covered)

John O. Jesse Mfg. Company, Bryan, Ohio. Radio Desk.

Southern Toy Company, Hickory, N. C. THE IVEYLINE. 25-R, \$25.00.

DETECTOR TUBES (see Tubes, vacuum)

DETECTOR UNITS (see Sets, receiving)

DETECTORS, CRYSTAL
(fixed, semi fixed, knock down, etc. Advance Electric Company, Los Angeles, Calif. ADVANCE.

Aerovox Wireless Corp., 439 Broome St., New York City. AEROVOX. Complete with galena, \$1.00.

Ajax Electric Specialty Company, 1011 Market St., St. Louis, Mo. AJAX.

Argentine Radio Corp., 116 N. Daly St., Los Angeles, Calif. AREN-TITE.

DETECTORS, CRYSTAL (Contd.)

- Brooklyn Metal Stamping Corp., 718 Atlantic Ave., Brooklyn, N. Y. B. M. S. Fixed, \$1.00.
- Roland Brownlie & Company, 22 Saunders St., Medford, Mass. BROWNLIE.** Vernier detector, 2.00.
- J. H. Bunnell & Company, 32 Park Place, New York City. JOVE. \$1.40.
- Calif. Radio Products Company, Los Angeles, Calif. CALRAD.
- The Carborundum Company, Niagara Falls, N. Y. CARBORUNDUM.
- Celerundum Radio Products Company, 76 Woodbine St., Wollaston, Mass. CELLERUNDUM. DETEX-IT, \$1.25; CELERUNDUM. Fixed crystal. 65c.
- Martin Copeland Company, 101 Sabin St., Providence, R. I. MARCO.
- Curry & Coutellier Laboratories, 2843 W. 9th St., Los Angeles, Calif. RADIO — ARGENTITE. Standard. 75 cents; Junior, 40 cents.
- Tobe Deutschmann, 46 Cornhill St., Boston, Mass. DTW. Detectors.
- Dubilier Condenser & Radio Corp., 4337 Bronx Blvd., at W. 238th St., New York City. Synthetic. 30c. DUTECC.
- Durban Electric Company, 400 N. Laramie Ave., Chicago, Ills. DURBAN.
- Eagle Electric Mfg. Company, 38 S. 8th St., Brooklyn, N. Y. EAGLE.
- Electrical City Novelty Mfg. Company, 126 Odell St., Schenectady, N. Y. RADIO. Cat whisker; Zincite; Tellurium; 25c, \$1.50.
- Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills. ERLA. Fixed, \$3.00. Semi-fixed. Erla Fixed Crystal Rectifier, Erla Variable Crystal Rectifier, \$2.00; Erla Supertest Crystal for above. 50c.
- The Erisman Laboratories, 3785 Broadway, New York City. PYRATEK.** For REFLEX and CRYSTAL circuits, \$1.25. Fixed.
- Foot Radio Corporation, successors to Radio Department, Foote Mineral Co., Inc., 1609 Summer St., Philadelphia, Penna. Mounted, triple tested, Extra Loud allover. **BABY GIANT** Pyrite and Galena Singles, 35c. **LITTLE GIANT** Pyrite and Galena Singles, 50c. **GIANT** Galena and Pyrite, singles. 75c. **TRIPLETS**, 60c., **GIANT TRIPLETS**, \$1.00. Fixed **FOOTE-TECTOR**, \$1.00. Fixable (adjustable) **VARIOTECTOR**, \$1.50.
- Forman & Company, 366 Greenwich

DETECTORS

- St., New York City. Glass enclosed, 30c.
- Chas. Freshman Company, Inc., 240 W. 40th St., New York City. FRESHMAN. Double adjustable, \$1.50.
- Grewol Mfg. Company, Newark, N. J., enclosed. GREWOL. \$1.50.
- W. B. Haller, 2100 Sarah St., Pittsburgh, Penna. HALLERIO. 25c.; 50c.; 75c.
- C. E. & H. T. Hargraves, 1103 Warwick Ave., Lakewood, R. I. SILVER DOME. Fixed.
- Kenneth Harkness Radio Corporation, 727 Frelinghuysen Ave., Newark, N. J. FAMOUS HARKNESS.
- Harris & Birdseye, Inc., 26 Cortlandt St., New York City. HARCO. Permanent, double mineral, \$1.00; \$1.25.
- Hearwell Electric Co., 53 Devonshire St., Boston, Mass. Mounted adjustable detectors. 75c.
- Hillebrand, 2230 Ocean Ave., Brooklyn, N. Y. THE BLARNEY STONE. Zincite and Tellurium. \$1.00. GUARANTEED FOR EVER.
- Keystone Products Company, 304 Gardenia Ave., Royal Oak, Mich. KEYSTONE, 25c.; ATOMITE, 50c.; ATOMITE set with cat whiskers in display Gift Box, \$1.00. NION fixed detector, \$1.00.
- Lincoln Radio Company, 1149 Santee St., Los Angeles, Calif. Enclosed. THE LINCOLN. \$1.50.
- McMurtry & Company, 4133 Kenmore Ave., Chicago, Ills. CRYSTEC.
- The A. H. Miller Radio Company, 1224 20th St., Detroit, Mich. MILLER-B-METAL. Fixed. \$1.00 (Without base); \$1.50, with base: Reflex. \$2.50; Interchangeable crystal container, 50c.; Set crystal. 50c.; Semi-fixed, \$1.00; Semi-fixed detector, 75c.; Semi-fixed set, \$1.00.
- Novelty Radio Mfg. Company, 204 S. 4th St., St. Louis, Mo. STAY-PUT.
- The Oscillaformer Company, 11 W. Illinois St., Chicago, Ills. OSCILLAFORMER. Replaces crystal detectors. "IT HAS NO WHISKERS."
- Parkin Mfg. Company, San Rafael, Calif. PARKIN, PEAK OF PERFECTION.
- Philmore Mfg. Company, 105 Chambers St., New York City. AJAX.
- Radio Receptor Company, Inc., 106 Seventh Ave., New York City. RECEPTRAD. R. R. Co. Products. Crystal rectifier.

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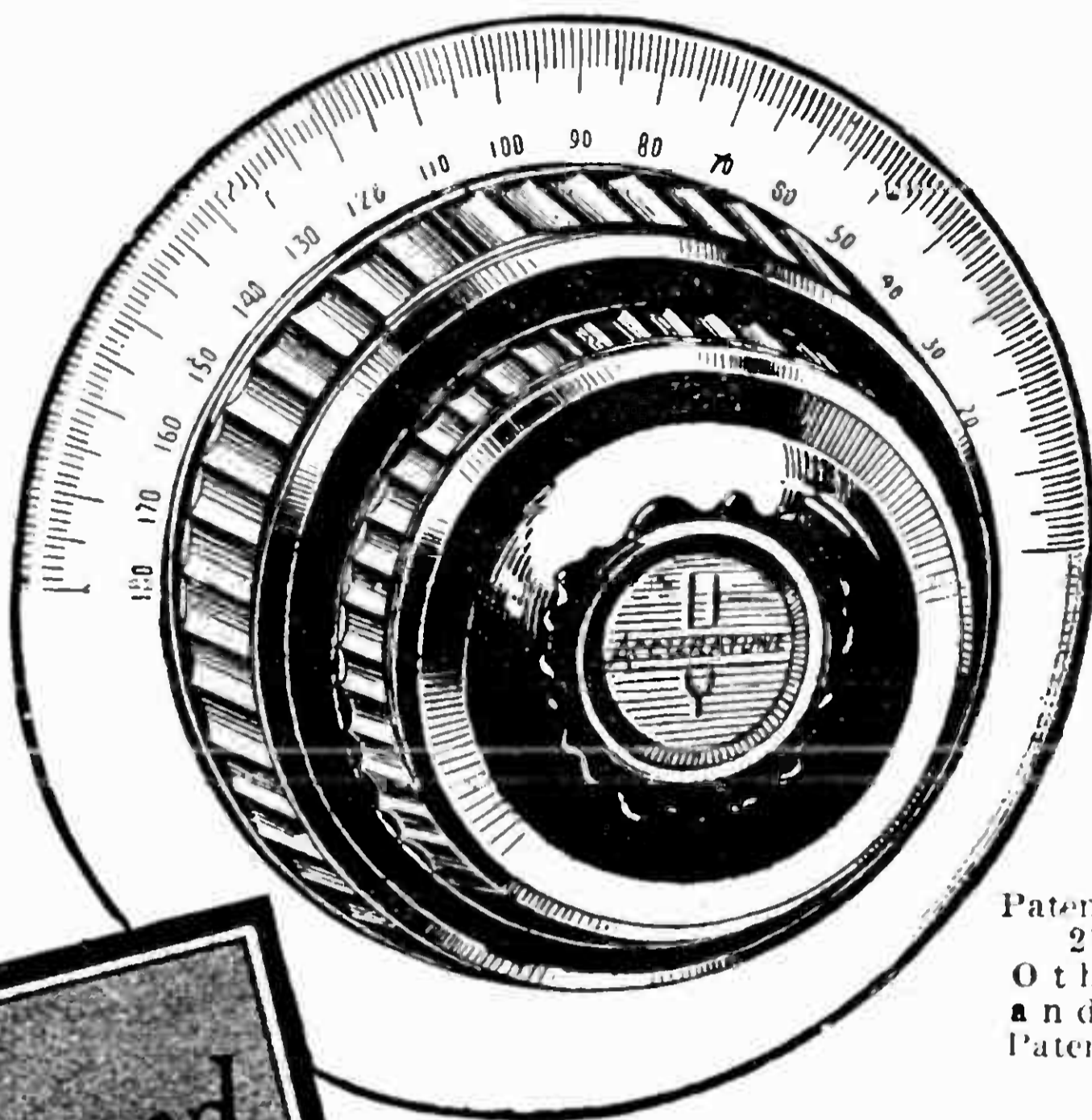
12-16 REGENT STREET
SYDNEY, AUSTRALIA

DETECTORS, CRYSTAL (Contd.)

- Radio Specialty Company, Inc., 69 Park Place, New York City. RAS. CO BABY DETECTOR. 50c.; 60c.
- R. U. F. Products Company, 292 Liberty Ave., Brooklyn, N. Y. R-U-F Fixed Detector. PLATINUM CONTACT. \$1.35.
- Schenectady Radio Corp., 207 State St., Schenectady, N. Y. SCYRAD. 85c.
- Maurice Schwartz & Son, 710-712 Broadway, Schenectady, N. Y.
- Spee-Dee Specialty Company, 271 Canal St., New York City. HERCULES PRODUCTS. Glass Enclosed and Open Type.
- Star Crystal Company, 525 Woodward Ave., Detroit, Mich. STAR. CRYSTADLSTAT. Fixed, adjustable, semi-fixed, cartridge.
- Tillman Products Company, 187 W. 9th St., Brooklyn, N. Y. TILLMAN. (Open and enclosed.)
- T. N. T. Radio Products Company, 1344 Fillmore Street, San Francisco, Calif. T.N.T.
- The Tool & Device Corp., 520 Congress St., Troy, N. Y. ZINCITE, TELLURIUM.
- Towner Radio Mfg. Company, 2620 Victor St., Kansas City, Mo. RADETEC. \$1.00. Fixed Detector.
- The United Metal Stamping & Radio Company, 410 E. Pearl St., Cincinnati, Ohio. FLYNN. Adjustable, reflex set. \$1.50.
- L. D. Van Valkenburg Company, Holyoke, Mass. VAN. Fixed.
- The William A. Welty Company, 36 S. State St., Chicago, Ill. WELTYS CRYSTECTOR, Crystal Detector.
- Wholesale Radio Equipment Company, 37 William St., Newark, N. J.
- Wolverine Radio Company, 103 W. Atwater St., Detroit, Mich. MEXITE BRASSBAND. 50c.
- Yale Radio Electric Company, 1111 Wall St., Los Angeles, Calif. YALE.
- DETECTOR STANDS**
- C. D. Tanner Company, 528 W. Washington St., Los Angeles, Calif. TANNER. Crystal Detector Stands.
- DETECTRON—Detectron Sales Co., Security Bldg., St. Louis, Mo.—Crystals, mounted.
- DE-TEX-IT — Celerundum Radio Products Co., 76 Woodbine St., Wollaston, Mass.—Crystal detectors.
- DEVEAU—Stanley & Patterson, 27 Warren St., New York City—High frequency buzzers, phonograph adapters, loud speaker units, receiving sets.

DIALS

- DEVEAU GOLD SEAL—Stanley & Patterson, 27 Warren St., New York City—Head sets.
- DEVEAU-CONCERT-SUPREME — Stanley & Patterson, 27 Warren St., New York City—Loud speakers.
- DIAGRAMS (see Books)**
- DIAL ADJUSTERS (see Vernier devices)**
- DIAL POINTERS**
- C. E. & H. T. Hargraves, 1103 Warwick Ave., Lakewood, R. I.
- De Luxe Sales Company, 112 Trinity Place, New York City. DeLUXE On cards of 50, 10c. Dial.
- Howard Radio Company, 451-469 E. Ohio St., Chicago, Ill. HOWARD.
- DIALS**
- (Composition, Bakelite; Hard Rubber; Glass; plain and vernier type)
- Ajax Electric Specialty Company, 1011 Market St., St. Louis, Mo. AJAX. With 2 inch knob, 35c.; 3 inch, 40c.; 4 inch, 60c.
- Alden Mfg. Company, 52 Willow St., Springfield, Mass. Bakelite. NAALD. No. 3054, \$1.50; No. 3044, 75c.; No. 3034, 50c.; No. 3024, 35c.; No. 6044. Vernier \$1.50; No. 3784, 50c.; No. 3004, 35c.
- American Electric Company, Inc., 22 Prospect St., Newark, N. J. AMEROID.
- American Hard Rubber Co., 11 Mercer St., New York City. RADION.
- American Instrument, Fulton Bldg., Pittsburgh, Penna. VERNIER.
- American Insulator Corp., 52 Vanderbilt Ave., New York City.
- American Insulator Corp., New Freedom, Penna. AICO. BAKELITE.
- Amsco Products, Inc., Broome & Lafayette Sts., New York City. AMSCO. Bakelite; metal VERNIER.
- Apex Electric Mfg. Company, 1410 W. 59th St., Chicago, Ill. APEX. Vernier Dials, Nickel, \$2.50; \$1.90; 85c.; or Gold Finish, \$3.50; \$2.50; \$1.00. Brass. All 4-in., \$2.00; \$1.65; 3¼-in., 75c. Rheostat Dials.
- Auburn Button Works, Inc., Auburn, N. Y. Composition; Bakelite.
- Ballston Insulating & Composition Company, Ballston Spa, N. Y. BALLSITE. 2 inches, 3 inches and 4 inches; plain.
- Bell Mfg. Company, 11 Elkins St., Boston, Mass. Bakelite. BELL RADIO PRODUCTS. All sizes.
- Big Three Radio Corp., 16 Hudson St., New York City.



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Brooklyn Metal Stamping Corp., 718 Atlantic Ave., Brooklyn, N. Y. **B. M. S. VERNI-JUSTER**. \$1.50.

Campbell Fibre Company, Stanton, Del. **ABANITE**.

De Jur Products Company, Lafayette & Broome Sts., New York City. **DE JUR**.

Eagle Condensers, Inc., 760 Bedford Ave., Brooklyn, N. Y. **EAGLE**. Bakelite, 3-inch, 50c.

Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills. Metal and Bakelite, 3-inch and 4-inch, finished in Silver and Gold. Erla Metal Dial, Silver, 4-inch, \$1.00; 3-inch, 75c.; 2-inch, 50c.; Gold, 4-inch, \$1.25; 3-inch, \$1.00; 2-inch, 75c. Vernier dial, \$2.50. **SLOMOTION**, \$2.00.

Etching Company of America, 1520 Montana St., Chicago, Ills. Etched Brass, Aluminum, Bronze, Composition. **ETCHING**. (All made to order.)

Forest City Rubber Company, 1276 Ontario St., Cleveland, O. **FOREST CITY**.

Forman & Company, 366 Greenwich St., New York City. 4-inch. Composition. **FORMAN & CO.** 17c. Bakelite, 23c.

General Instrument Corporation, 423 Broome St., New York City.

General Insulate Company, 1008 Atlantic Ave., Brooklyn, N. Y. **INSULATE**. Composition; Hi-Heat, Bakelite.

General Radio Company, 3 State St., Cambridge, Mass. Composition, **GENERAL RADIO CO.** 4-inch, Type 317, \$1.50; 3-inch, 60c.; Type 302, 2¾-inch Vernier, \$1.75; Type 303, 4-inch Vernier, \$2.50.

Otto R. Gischow Company, Inc., 125 W. 51st St., New York City. **GEE-SHAW DIALS**, correct tuning, micrometer adjustment. \$3.00.

August Goertz & Co., 286 Morris Ave., Newark, N. J. **FYNUR**.

L. F. Grammes & Sons, Inc., Jordan & Union Streets, Allentown, Penna. Etched. **Grammes**.

Hammarlund Mfg. Co., 144 W. 18th St., New York City. Vernier.

The Hart & Hegeman Mfg. Company, 342 Capitol Ave., Hartford, Conn. Composition. **H. & H. BAKELITE DIAL**. W-597, 2-inch dial; W-599, 3-inch dial; W-602, 4-inch dial.

DIALS

Heath Radio Electric Mfg. Company, 210 First St., Newark, N. J. 2-in. **RADIANT DIALS**, 50c.; 3-in. **RADIANT**, 65c.; 4-in. **RADIANT**, 80c.

Heinemann Electric Company, 1730 No. 5th St., Philadelphia, Pa. **SENSOY**. Vernier.

Hoosick Falls Radio Parts Mfg. Co., Hoosick Falls, N. Y.

Howard Radio Company, 451-469 E. Ohio St., Chicago, Ills. **HOWARD**.

Henry Hyman & Company, Inc., 476 Broadway, New York City. **BESTONE**. 3-inch Bakelite, 45c.; 4-inch Bakelite, 75c.

Jewett Radio & Phonograph Company, 5662 Telegraph Road, Pontiac, Mich. **MICRO-DIAL**, 4-inch, of anti-clockwise graduations, \$3.50; clockwise and anti-clockwise. **Micrometer**.

Kellogg Switchboard & Supply Company, 1066 W. Adams St., Chicago, Ills. Composition. 503, 4-inch, 80c.; 501, 3-inch, 75c..

King Quality Products, Inc., Buffalo, N. Y. Bakelite. **KING QUALITY**. 3-inch dials, 60c; 2¼-inch inductance switch and rheostat dials, 40c. each. 4-inch bakelite dials, 80c. each.

Klosner Radio Corp., 1022 E. 178th St., New York City. **KLOSNER**. Bakelite. 2-inch, 40c.

Kurz-Kasch Company, Dayton, Ohio. Dials: **ARISTOCRAT** Brand Bakelite Dials. Sizes: 2-inch, 3-inch, 3¾ and 4-inch Graduations, 0 to 100, 100 to 0, 0 to 200, 200 to 0; 4-inch **ARISTOCRAT** E-Z Toon Vernier Dials, 0 to 100, 100 to 0, 0 to 200, 200 to 0, 2 ins., 3 ins. and 4 ins. **E-Z TOON DIALS**. 0 to 100, 200 to 0. **CONVERTER DIAL CONTROL** Changing a capacity condenser into straight line frequency.

Lee Electric & Mfg. Company, 220-222 Eighth St., San Francisco, Calif. **LEMCO**. D200, \$1.00; D201, 75c.; D202, 75c.; D203, 60c.; D204, 60c.; D205, 60c.; D206, 60c. Bakelite.

Lombardi Radio Mfg. Company, 67 Minerva St., Derby, Conn. **Lombardi**. Vernier.

Luzerne Rubber Company, Trenton, N. J. Hard Rubber. **LUZERNE**.

Manhattan Electrical Supply Company, Inc., 17 Park Place, New York City. With knob. **MANHATTAN**.

Manufacturers Inventors Electric Company, 228 W. Broadway, Smith Building, New York City. **MICRO-TOR**. Vernier. 50c.

Mazda Radio Mfg. Company, 3411



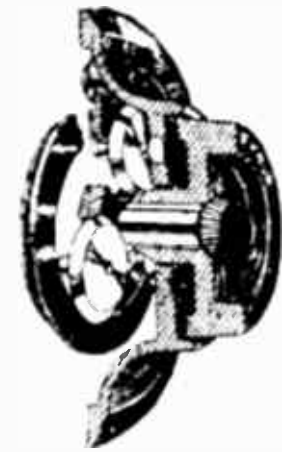
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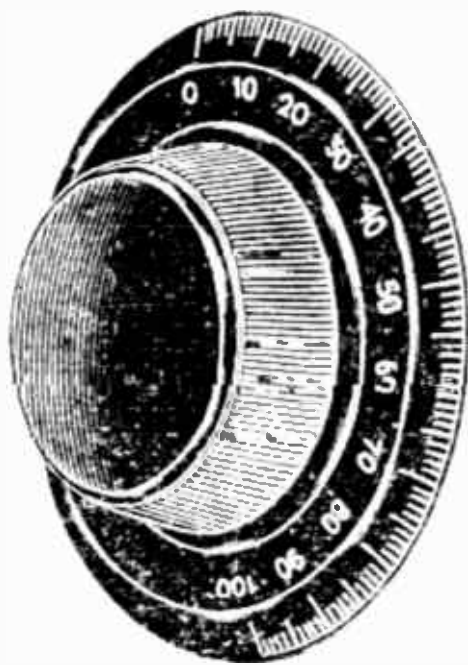
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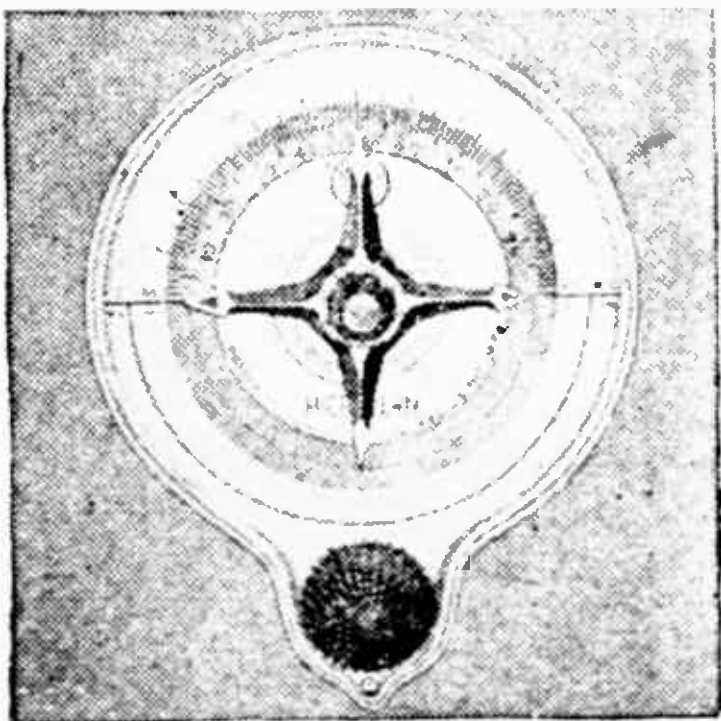
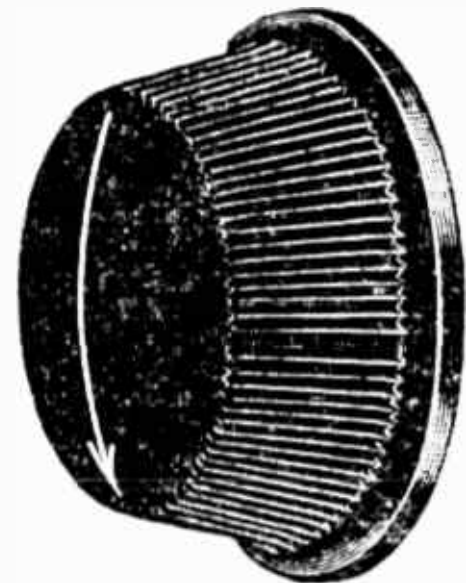
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Perkins Ave., Cleveland, Ohio. Genuine Bakelite, 3 inch.

Mississippi Valley Radio Company, 203 Pine Street, St. Louis, Mo. M-V. Bakelite, 4-inch, 60c.

Mohawk Electric Corp., 2220 Diversey Blvd., Chicago, Ills. MOHAWK. Dials.

Moulded Products Corp., 549 W. 52nd St., New York City. Bakelite.

Music Master Corp., 128 Tenth St., Philadelphia, Penna. MUSIC MASTER. 75c.

Mydar Radio Company, 11 Campbell St., Newark, N. J. Vernier. AC-CURATONE. \$3.50 and \$4.75. Also rheostat dials.

National Company, Inc., 110 Brookline St., Cambridge, 39, Mass. NATIONAL VELVET. Vernier. 4 inch Bakelite Dial, \$2.50; 3 $\frac{3}{8}$ inch Bakelite dial, \$2.25.

National Lead Company, Molding Division. 111 Broadway, New York City. DUTCH BOY. 4 inch. Bakelite.

National Light & Electric Company, 59 Lafayette St., Newark, N. J. NATIONAL.

N. Y. Hard Rubber Turning Company, 212 Centre St., New York City.

Northwestern Radio Mfg. Company, 1556 Taylor St., Portland, Ore. NORCO. 2 $\frac{1}{4}$, 3 and 4-inch Bakelite.

Parkin Mfg. Company, Grand Ave., San Rafael, Calif. Bakelite. PARKIN. No. 80. 50c; 3-inch.

G. C. Payette Company, 190 Ste. Catherine St. W., Montreal, Canada. Composition. FAYETTE. 25c; 50c; 75c; \$1.00.

Phenix Radio Corp., 114 E. 25th St., New York City. Vernier. ULTRA VERNIER TUNING CONTROL. Silver finish, \$2.50. R.E.L. gold finish, \$3.50.

Philmore Mfg. Company, 105 Chambers St., New York City. Composition. 15c; 18c.

Pilot Electric Mfg. Company, 323 Berry St., Brooklyn, N. Y. PILOT. Bakelite.

Preferred Radio Prod. Corp., 408 E. 93rd St., New York City. Vernier.

Radio Panel & Parts Corp., 59 Warren St., New York City. INSULINE SURE GRIP.

Radio Testing Station, 25 Sturges St., Binghamton, N. Y. 35c; 50c.

The Recto Mfg. Company, 23 W. 3rd St., Cincinnati, Ohio. RECTO.

Scranton Button Company, Scranton, Penna. SBCO.

Shaw Insulator Company, 150 Coit St., Irvington-Newark, N. J.

DIAMOND

The Sheffield Trimming & Stamping Company, 211 Center St., New York City. STASCO. Vernier. \$2.00; logging, \$1.10.

Simmons Mfg. Company, 3405 Perkins Ave., Cleveland, Ohio. Genuine Bakelite. 3 inch.

Spartan Electric Corp., 99 Chambers St., New York City. SPARTAN. Bakelite.

Spee Dee Specialty Company, 271 Canal St., New York City. HERCULES PRODUCTS. Standard; Rheostat; Condenser, with Vernier knob.

Stern & Company, Inc., 208 Asylum St., Hartford, Conn. Bakelite. FESCO.

Telephone Maintenance Company, 20 S. Wells St., Chicago, Ills. TELMACO.

Tillman Products Company, 473 Hudson St., Brooklyn, N. Y.

Universal Insulation Company, 215 Emmett St., Newark, N. J. Bakelite. BELL. 2, 3, 3 $\frac{1}{2}$, 4 inch.

Vibroplex Company, Inc., 825 Broadway, New York City. Vernier.

John F. Walsh & Company, 393 7th Ave., New York City. Composition. Bakelite over Shellac. WATERTOWN. RAWSON.

Waterbury Button Company, Waterbury, Conn. Black, 2, 2 $\frac{1}{2}$, 3, 3 $\frac{1}{2}$, 4 inch. Mahogany; 2, 2 $\frac{1}{2}$, 3, 3 $\frac{1}{2}$ 4 inch and 2-piece, 3 inch. TAIT patented Dials, 2 $\frac{1}{4}$, 3, 4 inch.

Watertown Mfg. Company, Watertown, Conn. WATERTOWN. Composition.

"X" Labs., 25 West 45th St., New York City. X LABS. Bakelite. Black, green, red. 4 inch, 75c.

Yaxley Mfg. Co., 217 N. Desplaines St., Chicago, Ills. Rheostat, inductance switch.

DIALS AND KNOBS (see Dials)

DIAMADYNE—Norbert Radio Co., 638 W. 160th St., New York City.—Receiving sets.

DIAMOND—Diamond Electric Specialties Corp., 101 S. Orange Ave., Newark, N. J.—"B" batteries.

DIAMOND—The B. F. Goodrich Co., 1780 Broadway, New York City.

DIAMOND—Diamond State Fibre Co., Bridgeport, Pa.—Fibre, vulcanized.

DIAMOND FIBRE—Diamond State Fibre Co., Bridgeport, Pa.—Insulation parts.

DIAMOND WEAVE—F. W. Sickles Co., 130 Union St., Springfield, Mass.—Inductance coils, transformers, variometers.

DIALS and KNOBS

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Evolution Phone Company, 221 E. 124th St., New York City. **TONE MASTER.** Patent Magnetic, for Head-Sets and Loud Speakers; distortionless high power; 60c, 2 for \$1.00.

Hercules Electric Steel Company, 137 Lafayette St., New York City. **FERROTYPE.**

International Mica Company, 3650 Brandywine St., Philadelphia, Pa. **IMICO. INDIA RUBY MICA.** Any size.

Ports Mfg. Company, 2305 Belmont Ave., Fresno, Calif. **PRMCO.** Mica.

DICTOGRAPH — Dictograph Products Corp., 22 West 42nd St., New York City—Loud speakers, units, head sets.

DICTOGRAPH—Dictograph Products Corp., 22 West 42nd St., New York City — Head sets, loud speaker units.

DIE CASTING (see Castings, die)

DIELECTRIC—Dielectric Mfg. Co., Vandeventer & Duncan Aves., St. Louis, Mo.—Soldering flux, tape, insulating, varnish.

DIES AND MOLDS

American Mechanical Labs., Inc., 285 N. 6th St., Brooklyn, N. Y. **A.M.L.**

Columbia Metal Products Company 210 Canal St., New York City.

Eureka Tool & Machine Company, 42 Walnut St., Newark, N. J. **EUREKA.**

Franklin Die Casting Corp., Syracuse, N. Y.

General Insulate Company, 1008 Atlantic Ave., Brooklyn, N. Y.

Harry W. Hahn Mfg. Company, 627 S. San Pedro St., Los Angeles, Calif. **ACCURACY FIRST.**

Morse Twist Drill & Machine Company, New Bedford, Mass. **MORSE.** Solid, Belt Shredding. Screw Cutting, Screw Plates, Round (Solid and Adjustable).

New Jersey Steel Stamp & Die Company, 7 Franklin St., Newark, N. J.

Parkin Mfg. Company, Grand Ave., San Rafael, Calif. **PEAK OF PERFECTION.** Bakelite.

DIETZEN—Dietzen, Inc., 71 Cortlandt St., New York City, N. Y.—Head sets, receiving sets, transformers, rheostats.

DI-LO—Fallkill Radio & Elec. Co., Poughkeepsie, N. Y.—Coils.

DOUGAL

DI-KAST — Di - Kast Condenser Corp., 45 Lispenard St., New York City.—Variable air condensers.

DIODE—Electrad, Inc., 428 Broadway, New York City—Vacuum tubes.

DIRECTO—Acme Electric & Mfg. Co., 1409 Hamilton Ave., Cleveland, Ohio.—Battery chargers.

DISPLAY CARTONS (see Car-tons)

DISPLAY STANDS

Page Cabinet Company, Broadway at Hampshire St., Cambridge, Mass. Wood for show case or wall displays.

DISSTON—H. Disston & Sons, Inc., Philadelphia, Pa.—Files and rasps, hack saw frames.

DISTANTONE — Distantone Radio Co., Lynbrook, Long Island, N. Y.—receiving sets.

DIVERTER POLE—Rochester Elec. Products Corp., 649 Driving Park Ave., Rochester, N. Y.—Generators.

DIXIE—Dixie Supply Co., 133-7th Ave., New York City, N. Y.—Variable condensers, grid leaks.

D-L—D. L. Radio Products Co., 224 E. 98th St., New York City, N. Y.—Inductance switches, rheostats, phone connectors, single, parallel switch levers.

DO-DI—Deehler Die Casting Co., Court & 9th St., Brooklyn, N. Y.—Brass casting.

DOEHLER — Doehler Die-Casting Co., Court & Ninth St., New York City—Castings, die.

DOLPHIN—Atlantic Insulated Wire & Cable Co., Rome, N. Y.—Wire, rubber covered.

DOMINANT—Bellas Hess & Co., New York City.—Receiving sets.

DONGAN—Dongan Electric Mfg. Co., 2987 Franklin St., Detroit, Mich.—Ammeters, voltmeters, audio and radio frequency transformers.

DORAN—James C. Doran & Sons, Doran Bldg., Providence, R. I.—Variable condensers, condenser-transformers, wave traps, double contact sockets, r. f. transformers, variometers, variocouplers, bus bar wire, cabinets, knock down sets, jacks, plugs, binding posts, fixed condensers, rheostats.

DOUBLE SPRED—J. H. Bunnell & Co., 32 Park Pl., New York City.—Transmitting keys.

DOUBLE STA-PUT—Martin Copeland Co., 101 Sabin St., Providence, R. I.—Plugs.

DOUGAL—Dougal Sales Service, 1539 N. Central Ave., Chicago, Ill.

DOWNEY

- DOWNEY**—Downey Insulation Co., Inc., 17 & Arch Sts., Philadelphia, Pa.—Loud speakers.
- DRAKE**—Drake Electric Works, 3943 Lincoln Ave., Chicago, Ill.—Soldering irons.
- DREADNAUGHT**—Cutler-Hammer Mfg. Co., Milwaukee, Wis.—Plugs.
- DRILLING MACHINERY** (see Machinery, panel cutting and drilling)
- DRIVERS, SCREW** (see Tools)
- DRY BATTERIES** (see Batteries, dry)
- DRY CELLS** (see Batteries, dry)
- DRY CELL ADAPTERS** (see Socket adapters)
- DRY CELL TUBES** (see Tubes, vacuum)
- D S C**—Daniel Specialty Co., 5232 Melrose Ave., Los Angeles, Calif.—Mounted crystals, radio cement, liquid insulation.
- DTW**—Tobe C. Deutschmann, 46 Cornhill St., Boston, Mass.—Loop aeriels, loud speakers, variometers, crystal detectors, head sets, transformers, plugs.
- DUAL**—Guaranteed Dual Loud Speaker Co., 210 W. 54th St., New York City.—Loud speakers.
- DUAL**—Twin Dry Cell Battery Co., 11400 Madison Ave., Cleveland, Ohio.—Dry cell batteries.
- DUBILIER**—Dubilier Condenser & Radio Corp., 4377 Bronx Blvd., New York City.—Grid leaks.
- DUBILIER BY-PASS CONDENSER**—Dubilier Condenser & Radio Corp., 4377 Bronx Blvd., New York City.—By-pass condensers.
- DUCK**—The William B. Duck Co., 711 Adams St., Toledo, Ohio.—Moulded variometers, sockets, dials, rheostat panels, variable condensers, receiving sets.
- DUCON**—Dubilier Condenser & Radio Corp., 4377 Bronx Blvd., New York City.—Aerial plugs.
- DUDLOW**—Dudlo Mfg. Co., Well St., Ft. Wayne, Ind.—Magnet wire, antenna wire, coil winding.
- DULCE-TONE**—Teagle Co., 1125 Oregon Ave., Cleveland, Ohio.—Phonograph attachments, loud speakers.
- DUODYNE**—Globe Electric Co., 14 Keefe Ave., Milwaukee, Wis.—
- DUO FLEX**—Audio Tone Radio Co., 2831 Middletown Road, New York City.—Receiving sets.

DURAY

- DUO JACK**—Pacent Electric Co., 91 Seventh Ave., New York City.—Jacks.
- DUO CONSOLE**—Wolf Mfg. Industries, 1427 So. Michigan Ave., Chicago, Ill.—Combination radio set and phonograph.
- DUOLATERAL**—Electrical Products Mfg. Co., 69 Sprague St., Providence, R. I.—Mounted inductance coils.
- DUOLATERAL**—Pacent Electric Co., Inc., 91 7th Ave., New York City.—Coils.
- DUO-PLUG**—Pacent Electric Co., 91 7th Ave., New York City.—Phone plug.
- DUO-POWER UNIT**—Acme Engineering Co., Louisville, Ky.—Combination "A" battery and charger.
- DUO-REFLEX**—Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ill.—Receiving sets.
- DUO SPIRAL**—Radio Units, Inc., Maywood, Ill.—Aerials, folding loops, loops.
- DUOSTAGE**—Leich Electric Co., Genoa, Ill.—Jacks.
- DUOTRON**—Durkee Thomas Prod. Co., 1228 Folsom St., San Francisco, Calif.—Rectifiers.
- DUOTROL**—Maione Lemmon Lab., 342 Madison Ave., New York City.—Vernier rheostats, receiving sets.
- DUPLEX**—Duplex Cond. & Radic Corp., 36 Flatbush Ave., Ext. Brooklyn, N. Y.—Rheostats.
- DUPLEX**—Walter Lytton, Inc., Lytton Bldg., Chicago, Ill.—Receiving sets.
- DUPLEX**—W. B. McMasters, Wheeling, W. Va.—Phonograph attachments.
- DUPLEX**—Peerblow Mfg. Company, Leetsdale, Pa.—Torches.
- DUPLEX DR MODELS**—Duplex Condenser & Radio Corp., 36 Flatbush Ave. Ext., Brooklyn, N. Y.—Variable condensers.
- DURAD**—Duraplate Co., Summerdale, Frankford Sts., Philadelphia, Pa.—Dials, sockets, tube fuses.
- DUPONT PYRADIOLIN**—E. I. Du Pont de Nemours & Co., Inc., Arlington, N. J.—Insulation.
- DURAL**—Dural Rubber Corp., Flemington, N. J.—Tubing.
- DURATRAN**—Dubilier Condenser & Radio Corp., 4377 Bronx Blvd., New York City.—
- DURAY**—Duray Radio Corp., 26 Washington Ave., Newark, N. J.—Sockets, vacuum tube.

DURHAM

DURHAM—Durham & Co., Inc., 1936 Market St., Philadelphia, Pa.—Grid leaks, mountings.

DURHAM — International Resistance Co., Inc., 728 Samson St., Philadelphia, Pa.—Metallized resistance.

DUROTRON — Electrical Products Co., Newark, N. J.—Radio tubes.

DUROPHONES—The Warren Radio Phone Mfg. Co., Inc., Warren, R. I. Head sets.

DUTCH BOY—National Lead Co., Moulding Division, 111 Broadway, New York City.—Bakelite vacuum tube sockets.

DU-TEC—Dubilier Condenser & Radio Corp., 4377 Bronx Blvd., New York City.—Crystals.

DUTHO—Durkee Thomas Products Co., 1228 Folsom St., San Francisco, Calif.—“A” and “B” batteries, rectifiers.

D V—W. F. Marsden, 508 Spring St., Galena, Ills.—Crystals, galena ore in bulk.

DX AERIAL TAPE—Berlin & Trotsky, 57 W. Houston St., New York City.—Aerial tape.

DX-ALENA — Everett Radio Co., 5207 Dorchester Ave., Chicago, Ills.—Crystals.

EASTERN

D X—Radio Shop of Newark, Inc., 78 Springfield Ave., Newark, N. J.—Condensers, crystals, head phones.

D X—Specialty Service Co., 9 Hanson Place, Brooklyn, N. Y.—Crystals.

D X L—D.X.L. Radio Corp., 5765 Stanton Ave., Detroit, Mich.—Low loss condensers, variable condensers.

“DX SPECIAL,” THREE TUBE SET—Robbins Radio Co., 230 W. Houston St., New York City.—Receiving sets.

DYMAC—Electrical Products Mfg. Co., Providence, R. I.—Condensers, variable, head sets, audio frequency transformers, loud speaker horns, loud speaker units.

DYNAMIC—Henry C. Roberts Radio Co., 112 Trinity Pl., New York City.—“A” storage batteries.

DYNATRAN—Henry C. Roberts Radio Co., 112 Trinity Pl., New York City.—Transformers.

DYNODYNE—Electric Service Engineering Corp., 105 W. 47th St., New York City.—Receiving sets, kits.

E

EACO—Economic Appliance Co., Irwin, Pa.—Storage “B” batteries, chemical rectifiers.

EACO DUPLEX—Economic Appliance Co., Irwin, Pa.—Sets receiving.

EAGLE—J. R. Burrell Co., 714 No. Cambridge Ave., Milwaukee, Wis.—Towers.

EAGLE—Eagle Carburetor Co., 11502 Madison Ave., Cleveland, Ohio.—Ammeters and voltmeters, battery chargers, “A” current supply.

EAGLE—Eagle Condensers, Inc., 760 Bedford Ave., Brooklyn, N. Y.—Variable condensers, radio frequency kits, radio frequency coils, variometers, variocouplers, filter coils, reflex coils, dials, sockets.

EAGLE—Eagle Elec. Mfg. Co., 38 So. 8th St., Brooklyn, N. Y.—Ground clamps, galena, detectors, crystals, lead ins, grid leaks, variable grid leaks, grid leak mounts, ribbon antenna.

EAGLE BRAND—Marion Insulation Wire & Rubber Co., Marion, Ind.—Wire.

EAGLE-NEUTRODYNE—Eagle Radio Co., 16 Boyden Place, Newark, N. J.—Neutrodyne receiving sets.

EAR CAPS

American Electric Company, Inc., 22 Prospect St., Newark, N. J.

AMEROID.

American Hard Rubber Co., 11 Mercer St., New York City. **RADI-ON.**

Auburn Button Works, Inc., Auburn, N. Y.

General Insulate Company, 1008 Atlantic Ave., Brooklyn, N. Y. **INSULATE, HI-HEET.** Composition bakelite.

National Lead Company, Molding Division, 111 Broadway, New York City. For Head Sets. Bakelite Molded to Specifications.

Waterbury Mfg. Company, Waterbury, Conn. Shells.

EAR CUSHIONS (see Cushions)

EARTH GROUNDS (see Grounds)

EASTERN—Eastern Coil Corp., 22 Warren St., New York City.—Variometers, tubing.

EASTERN

- EASTERN**—Eastern Elec. Co., 181 Chestnut St., Newark, N. J.—Coils, magnets, loud speaker units, phonograph attachments.
- E-B (in diamond)**—The H. H. Eby Mfg. Co., Philadelphia, Pa.—Metal and insulated binding posts, binding post knobs, contact points and switch stops.
- E-B PRODUCTS (in diamond)**—The H. H. Eby Mfg. Co., Philadelphia, Pa.—Binding posts on mounted strips.
- EBCO**—Ebc Radio Cabinet Co., 410 W. 27th St., New York City.—Cabinets.
- EBY**—H. H. Eby Mfg. Co., Philadelphia, Pa.—Switch parts, contact points.
- EBY TIP-TOP**—H. H. Eby Mfg. Co., Philadelphia, Pa.—Multi-phone post for panel mounting.
- ECH-O-NOLA**—J. E. Christensen Phonograph Co., Inc., 6332 Stewart Ave., Chicago, Ills.—Combination phonograph and radio set.
- ECHOPHONE** — Echophone Radio, Inc., 1120 N. Ashland Ave., Chicago, Ills.—Receiving sets.
- ECHOPHONE**—The Radio Shop, 1220 Freeman Ave., Long Beach, Calif.—Receiving sets.
- ECHO-TONE**—Williams Radio Co., 1438 Washington Blvd., Detroit, Mich.—Loud speakers.
- ECLIPSE**—Henry Frank, Jr., Inc., 380 Hudson St., New York City.—Screw assortments.
- ECLIPSE BATTERY** — Eldredge Elec. Mfg. Co., Springfield, Mass.
- ECONOMY**—Economy Fuse & Mfg. Co., 2717 Greenview Ave., Chicago, Ills.—Cold molded insulation.
- ECONOMY**—Economy Screw Corp., 5215 Ravenswood Ave., Chicago, Ills.—Screws, nuts, washers, soldering terminals, adjustable cutting tools.
- ECONOTRON**—Nulite Electric Co., 220 W. 42nd St., New York City.—Tubes.
- EDGCO**—The Edw. J. Goetz Co., 2409 Harris Ave., Norwood, Cincinnati, Ohio.—Dials, receiving sets.
- EDISON**—Edison Storage Battery Co., Orange, N. J.—“A” steel-alkaline storage batteries, “B” alkaline storage batteries, rectifier equipment.
- ED-U-CATOR**—Mersman & Co., Ottawa, Ohio.—Loud speakers.
- EHLERT**—Ehlert Cabinet Co., 2701 Vliet St., Milwaukee, Wisc.—Radio cabinets.

ELECTRON

- EISEMANN** — Eisemann Magneto Corp., 165 Broadway, New York City.—Receiving sets, amplifiers, panels, condensers, transformers, potentiometers.
- EISLER** — Eisler Engineering Co., 753 S. 13th St., Newark, N. J.—Electric welders, high tension coils, coil winding machines, high vacuum pumps, exhaust machines, bases, lead wires, bone borders, etc.
- EKKO**—Ekko Co., Harris Trust Bldg., Chicago, Ill.—Phonograph adapters, ground clamps, stamps.
- ELALCO**—The Electrical Alloy Co., Morristown, N. J.—Nickel grid plate strips.
- ELECTRIC SOLDERING IRONS**
(see Soldering irons)
- ELECTROLYTE**
Globe Chemical Company, Murray Road and Big Four R. R., St. Bernard, Cincinnati, Ohio.
- ELECTROLYTE CHARGERS** (see Battery chargers)
- ELECTRA**—Electra Lightning Rod Co., 80 N. La Salle St., Chicago, Ills.—Lightning arresters, wire.
- ELECTRAD** — Electrad Inc., 428 Broadway, New York City.—Tubes, sets, batteries, vacuum tubes, fixed and variable grid leaks, lead-ins, loud speakers, insulators, antenna plugs, kits.
- ELECTRAD CERTIFIED**—Electrad, Inc., 428 Broadway, New York City.—Grid leaks.
- ELECTRADYNE**—Foreign & Domestic Electrical Commodities, Inc., New York City.—Receiving sets.
- ELECTRADYNE** — Peerless Radio Co., 2527 Park Ave., Chicago, Ills.—Receiving sets.
- ELECTRASOTE**—M. M. Fleron & Co., 113 N. Broad St., Trenton, N. J.—Panels.
- ELECTRIC APPLIANCE** — Electric Appliance Co., Electric Appliance Bldg., San Francisco, Calif.—Transformers.
- ELECTRO** — Electro Mechanical Products Co., 399 St. Paul's Ave., Jersey City, N. J.—Jacks, plugs.
- ELECTROLA** — American Specialty Co., Bridgeport, Conn.—Receiving sets.
- ELECTRON**—King Electric Mfg. Co., Inc., 1681 Fillmore Ave., Buffalo, N. Y.—Battery chargers.
- ELECTRON**—Macksoud, 84 Washington St., New York City.—Vacuum tubes.

ELECTRON

ELECTRON—Bassick Co., Bridgeport, Conn.—Wire.

ELECTRON—Radio Tube Laboratories, 2217 Lafayette St., Ft. Wayne, Ind.—Tubes.

ELECTRON JR.—King Electric Mfg. Co., Inc., 1681 Fillmore Ave., Buffalo, N. Y.—Battery chargers.

ELECTROSTATIC — Esrad Prod. Co., 40 So. 7th St., Philadelphia, Pa.—Crystals.

ELEKTRON—Lectrodio Corp., Lynn, Mass.—Vacuum tubes.

ELGIN—Elgin Radio Corp., 67 N. State St., Elgin, Ill.—Variable condensers.

ELIMINATORS, BATTERY (see Current supply devices)

ELKAY SUPER SELECTOR — Langbein & Kaufman Radio Co., 511 Chapel St., New Haven, Conn.—Receiving sets.

ELKON—Elkon Works of General Electric Co., 515 Gregory Ave., Weehawken, N. J.—Contact points, tungsten silver, platinum.

ELMIRA—Cronk & Carrier Mfg. Co., Mountour Falls, N. Y.—Screw drivers, pliers.

EL-PAIGE — El-paige Radio Co., 1416 Broadway, New York City.—Successors to Paige Radio Co.—Sets, receiving.

ELRACO—Elgin Radio Corp., 67 N. State St., Elgin, Ill.—Variable condensers.

ELVIN DE LUXE—Elvin Radio Radio Mfg. Co., 423 Market St., Philadelphia, Pa.—Loud speakers.

ELVIN JR.—Elvin Radio Mfg. Co., 423 Market St., Philadelphia, Pa.—Loud speakers.

ELVIN MASTER — Elvin Radio Mfg. Co., 423 Market St., Philadelphia, Pa.—Loud speakers.

ELWOOD—Elwood Electric Co., Inc., Bridgeport, Conn.—Variocouplers.

EM RADIO CABINET—Lakeside Supply Co., 73 W. Van Buren St., Chicago, Ill.—Cabinets.

EMBASSY—Simplex Tel. & Radio Mfg. Co., 201 Inspector St., Montreal, Canada.—Head phones.

EMBLEM MFG. CO. — Emblem Mfg. Co., Philadelphia, Pa.—Emblems.

EMBLEMS (see Engravings)

EMCO—Emco Radio Products Co., Jamaica, N. Y.—Transformer coils, kits, variometers, variocouplers.

EMCOTRAN—Eagle Mfg. Co., Inc., 72 York St., Jersey City, N. J.—Audio transformers.

ENGRAVING

E.M.E.—Electrical & Mechanical Engineering Corp., Inc., 600 Williams St., Harrison, N. J.—Variable condensers.

EMERSON — Emerson Radio & Phonograph Co., 307 6th Ave., New York City.—Receiving sets.

EMPCO—Electro Mechanical Products Co., 399 St. Paul's Ave., Jersey City, N. J.—Jacks, plugs.

EMPIRE — Empire Paper Products Corp., 155 Bank St., New York City.—Paper and cardboard tubes, shipping cartons.

EMPIRE — American International Trading Co., 26 Stone St., New York City.—Tubes.

EMPIRE—Empire Phonograph Parts Co., 2261 E. 14th St., Cleveland, Ohio.—Phonograph adapters, phonograph attachments, receiving sets, combination phonograph and radio tone arms.

EMPIRE—Empire Radio Corp., 271 W. 125th St., New York City.—Unit panels, switches.

EMPIRE—Empire United Hat Block Co., 312 E. 22d St., New York City.—Cabinets.

EMPIRE—Mica Insulator Co., 68 Church St., New York City.—Oiled tubing, spaghetti.

EMPIRE SWITCHES—Empire Radio Corp., 271 W. 125th St., New York City.—Switches.

EMPIRE UNIT PANELS—Empire Radio Corp., 271 W. 125th St., New York City.—Receiving sets.

ENGRAVING ON CONTRACT
Aetna Radio Panel Co., 30 Park Place, New York City.

Clendenning Radio Product, Inc., 78 Watts St., New York City. Panel engraving, cutting, drilling, grain-ing, etc.

D. E. Johnson Company, 221 Fulton St., New York City. On compositions and all metals by machine.

Paramount Machine Company, 207 Market St., Newark, N. J.

Poster & Company, 26 Barclay St., New York City. POSTER'S PERFECT PANELS. Drilling.

Radio Panel & Parts Corp., Insuline Bldg., 59 Warren St., New York City.

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ENCO—Enco Electric Novelty Co., 603 W. 130th St., New York City. —“B” Dry cells, “C” dry cells.

ENDLY—C. C. Endly, 22 Sturges Ave., Mansfield, Ohio.—Transformers.

ENGLER—Pontrie Radio Lab., 12 Bergen St., Brooklyn, N. Y.—Receiving sets.

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ENGRAVINGS

(Emblems, markers, transfers, etc.)

Bruno Radio Corp., 822 Fulton St., New York City. **BRUNO**. Transfer Engravings. Per package, 20c, 35c, 50c.

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Etching Company of America, 1520 Montana St., Chicago, Ills. Scales, brass, aluminum, bronze name plates, signs, dials, binding posts, plates, panels, etc.

Meyercord Company, 133 W. Washington St., Chicago, Ills. **MEYER**.

R. M. Peffer, 334 Chestnut St., Harrisburg, Penna. **PEFFER**.

Schwenke Radio Panel Engraving Company, 2036 Woodward Ave., Detroit, Mich.

ENGRAVO—Cherington Radio Industries, Cherington, Ills.—Engravings.

ENSIGN—Carleton Sanders, Mishawaka, Ind.—Condensers variable.

ENSIGN—The H. H. Eby Mfg. Co., Philadelphia, Pa.—Insulated binding posts.

E.P.M.—Electrical Products Mfg. Co., Providence, R. I.—Head sets, audio frequency transformers.

EQUIFLUX—James C. Doran & Sons, Providence, R. I.—Transformers.

ERBCO—Erbco Inc., 125 Church St., New York City.—Lugs.

ERIE—Erie Tool Works, 11th & French Sts., Erie, Pa.—Bench vises, combination pliers.

ERLA—Electrical Research Lab., 2500 Cottage Grove Ave., Chicago, Ills.—Transformers, grid condensers, bezels, plugs, fixed condensers, sockets, receiving sets, audio transformers, crystal detectors, contact points, jacks, knobs, lugs,

ETCHED

mountings, nuts, tubing, solderless connectors, collapsible loops, rheostats, potentiometers, lock battery switches, phone tips, metal discs, switch stops, binding posts, lock washers, wood and machine screws.

ERLA DUO REFLEX—Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills.—Hook ups.

ERLA-MINILOSS—Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ills.—Variable condensers.

ERLA SELECTROFORMERS—Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ills.—Couplers.

ERLA CIR-KIT—Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ill.—Kits.

ERLA MICRODIAL—Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ill.—Dials.

ERLA SOLDERLESS—Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ill.—Connectors.

ERMCO-STAT—Electric Regulation Mfg. Corp., Woolworth Bldg., New York City.—Rheostats.

ESC (interlocked in circle)—Economy Screw Corp., 5215 Ravenswood Ave., Chicago, Ills.—Assortments, screws, nuts, washers.

ESCO—Electric Specialty Co., 201 South St., Stamford, Conn., battery chargers, generators, motors, dynamotors, motor generators.

ESSCO—Elec. Service Supplies Co., 17th & Cambria Sts., Philadelphia, Pa.—Lightning arresters.

ESSEX—Essex Mfg. Co., 117 Mulberry St., Newark, N. J.—Soldering flux, condensers, parts.

ESSEX—Essex Rubber Co., May and Boakes Sts., Trenton, N. J.—Tubing.

ESSEX STANDARD RADIOFONES—Essex Mfg. Co., 117 Mulberry St., Newark, N. J.—Phones.

ESSEX SPECIAL—Essex Mfg. Co., 117 Mulberry St., Newark, N. J.—Audio transformers.

ESTRU—Dalton, Whittier, True & Co., 2905 W. Madison St., Chicago, Ills.—Coils, lattice, variometers, lattice, variocouplers-lattice.

ESTRU UNI-FLEX—Dalton, Whittier True Co., Chicago, Ills.—Radio frequency transformers, variocouplers.

ETCHED—Etched Products Corp., 90 Tenth St., Long Island City, N. Y.—Metal Dials, panels, small name plates.

ETCHING

ETCHING COMPANY OF AMERICA—Etching Co. of America, 1520 Montana St., Chicago, Ills.—Name plates, dials, panels.

ETIHEROLA — R. A. McKinney, Union Trust Bldg., Pittsburgh, Pa.—Cabinets, receiving sets, aerial and ground tubes.

ETHERPHONE — American Etherphone Corp., 39 W. Milwaukee Ave., Detroit, Mich.—Receiving sets.

ETNA—Etna Electric Works, 410 E. 15th St., New York City.—Variable grid leaks, tuners.

EURACO—European Radio Co., 1342 E. 22nd St., Brooklyn, N. Y.—

EUREKA—C. W. Butts, Inc., 42 Hedden Place, East Orange, N. J.—Dial pointers.

EUREKA—Coliseum Battery Co., Inc., 1618 South Wabash Ave., Chicago, Ill.—Storage batteries parts and supplies.

EUREKA—Eureka Battery Co., 101 Wooster St., New York City.—“B” batteries, “C” dry cells, “B” dry cells.

EUREKA—Grasselli Chemical Co., Guardian Bldg., Cleveland, Ohio.—Soldering flux.

EVANSVILLE — Evansville Top & Panel Equip. Co., Inc., Evansville, Ind.—Veneered products for cabinets.

EVEREADY—National Carbon Co., Inc., Long Island City, N. Y.—Dry “A,” “B” and “C” batteries, storage “A” batteries.

EVERYBODY'S FRIEND — The Sterling Electrical Corp., West 28th St. and Church Ave., Cleveland, Ohio.—Soldering iron.

EVERYMAN'S — Heyer Products Co., Inc., 34 Valley Road, Montclair, N. J.—“A” and “B” battery chargers.

EVERYTONE—Pacent Electric Co., 91 Seventh Ave., New York City.—Head sets.

E-Z-Y

EXCELLO—Excello Products Corp., 4826 W. 16th St., Cicero, Ills.—Console stands, wood cabinets, tables.

EXCELLOPHONE—McIntosh Stereoptican Co., 30 E. Randolph St., Chicago, Ills.—Receiving sets.

EXCELSIOR—Excelsior Radio Co., 222 Grand St., Brooklyn, N. Y.—Variocouplers.

EXIDE—The Electric Storage Battery Co., Allegheny Ave. and 19th St., Philadelphia, Pa.—Radio “A” and “B” batteries, hydrometers, battery parts, rectifiers.

EXPERIMENTAL APPARATUS (also see headings for particular item desired)

U. S. Knockel, 3708 East Pratt St., Baltimore, Md. **USK.**

EXPOSITIONS

Executive Radio Council, 74 Cortlandt St., New York City.

Pacific Radio Trade Association, 905 Mission St., San Francisco, Calif.

EXTENSION CORDS (see **Cords**)

EYELET SNAPPERS (see **Machinery; Tools**)

EYELETS

L. F. Grammes & Sons, Inc., Jordan & Union Sts., Allentown, Penna.

GRAMMES. Waterbury Mfg. Company, 236 Grand St., Waterbury, Conn.

E-Z-OMETER—Polymet Mfg. Corp., 70 Lafayette St., New York City.—Potentiometers.

E-Z-PLUG—Polymet Mfg. Corp., 70 Lafayette St., New York City.—Phone plugs.

E-Z-STAT—Polymet Mfg. Corp., 70 Lafayette St., New York City.—Rheostats.

E-Z. TOON—Kurz Kash Co., Dayton, Ohio.—Dials, plain and vernier.

E-Z-Y—E-Z-Y Crystal Co., 521 Arch St., Philadelphia, Pa.—Detectors, crystals.

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—F— (in diamond)—Diamond State Fibre Co., Bridgeport, Pa.—Insulation.

FABRICS (used in the manufacture of Horns, see Horn material)

FACTORY EQUIPMENT (see Machinery)

FADA—F.A.D. Andrea, Inc., 1581 Jerome Ave., New York City.—Parts, variable condensers, crystal detectors, neutrodyne set parts neutroformers, dials, switch contacts.

FADA NEUTROCEIVER—F. A. D. Andrea, Inc., 1581 Jerome Ave., New York City.—Receiving sets.

FADA NEUTROCEIVER GRAND—F. A. D. Andrea Inc., 1581 Jerome Ave., New York City.—Receiving sets.

FADA NEUTROFORMERS—F. A. D. Andrea, Inc., 1581 Jerome Ave., New York City.—Transformers.

FADA NEUTRO-JR.—F. A. D. Andrea Inc., 1581 Jerome Ave., New York City.—Receiving sets.

FADA NEUTROLA—F. A. D. Andrea Inc., 1581 Jerome Ave., New York City.—Receiving sets.

FADA NEUTROLA GRAND—F. A. D. Andrea, Inc., 1581 Jerome Ave., New York City.—Receiving sets.

FADA ONE SIXTY—F. A. D. Andrea Inc., 1581 Jerome Ave., New York City.—Receiving sets.

FAHNESTOCK—Fahnestock Electric Co., East Ave. and 8th St., Long Island City.—N. Y.—Clips, ground clamps, connecting clips, switches, binding posts, connecting blocks, connectors.

FAIRBANKS—Fairbanks Morse & Co., 500 Wabash Ave., Chicago, Ill.—Generators.

FALLKILL—Fallkill Radio and Electric Co., Poughkeepsie, N. Y.—Variocouplers, coils, variometers.

FAMOUS HARKNESS—Kenneth Harkness Radio Corp., 727 Frelinghuysen Ave., Newark, N. J.—Tuners, tuning coils, crystal detectors, audio frequency amplifiers, variable condensers, transformers, receiving sets, sub panels, sets, sub panels.

FAN AERIALS (see Aerials)

FARADON—The Wireless Specialty Apparatus Co., 76 Atherton St., Jamaica Plain Boston, Mass.—Variable condensers.

F-F

FARRAND-GODLEY—Farrand Mfg. Co., Inc., Long Island City, N. Y.—Loud speakers, receiving sets, audio transformers.

FAVORITE, THE—G. A. Bartholomew, 409 Guardian Bldg., Cleveland, Ohio.—Radio cabinets.

FEDCO—Federal Porcelain Co., Carey, Ohio.—Tubes, antennae, insulators, aerial supports, knobs, tubes, cleats, strain insulators.

FEDERAL (name in Old English)—Federal Radio Corp., Buffalo, N. Y.—Receiving sets, complete line of parts, microphones.

FEDERAL—Federal Telegraph Co., Hobart Bldg., San Francisco, Calif.—Receiving sets.

FEDERAL - DANERSK—Musical Products Distributing Co., New York City.—Receiving sets.

FEDERAL JR. BROADCAST REC. SET—Federal Telephone Mfg. Corp., Buffalo, N. Y.—Receiving sets.

FEDERAL MODULATION TRANSFORMER—Federal Tel. & Mfg. Corp., Buffalo, N. Y.—Transformers.

FEDERAL RHEOSTATS—Federal Tel. & Mfg. Corp., Buffalo, N. Y.—Rheostats.

FELT

Monarch Felt Works, Inc., 39 York St., Brooklyn, N. Y. Felt pads, washers.

FERGUSON SIX—J. B. Ferguson, Inc., 41 East 42nd St., New York City.—Receiving sets.

FENSTERMAKER—G. B. Fenstermaker, 43 Green St., Lancaster, Pa.—Aerials, special loops made to order.

FERRULES

Beehler Steel Products Company, 1439 N. 13th St., St. Louis, Mo. Liberty Metal Prod., Berea, Ohio.

BEAN RADIO. Threaded internally.

FERI—Feri Radio Mfg. Co., 1167 Bedford Ave., Brooklyn, N. Y.—Variometers, coils, tuned radio frequency transformers.

FESCO—Stern & Co., Inc., 308 Asylum St., Hartford, Conn.—Variable condensers, dials.

F-F—France Mfg. Co., 10321 Berea Road, Cleveland, Ohio.—Battery chargers.

FIAT

FIAT—Radio Appliance Laboratory, 4884 N. Clark St., Chicago, Ill.—Loop aeri-als.

FIBEROID—Macy Mfg. Corp., New York City.—

FIBER PRODUCTS CO.—Fiber Products Co., 235 Elizabeth Ave., Newark, N. J.—Horns.

FIBERTONE—Fiber Products Co., 235 Elizabeth Ave., Newark, N. J.—Radio horns.

FIBRE HORNS (see Horns)

FIBRE PARTS (see Insulation, also headings for particular parts desired)

FIBROC—Fibroc Insulation Co., Valparaiso, Ind.—Rods, panels, condenser ends, jack assemblies, tubes, sheets, vulcanized fibre.

FIELDCO—R. B. Field & Co., 10 Clarence St., Worcester, Mass.—Washers, gaskets.

FILAMENT WIRE (see Wire)

FILAMENT BATTERIES (see Batteries "A")

FILAMENT CONTROL JACKS (see Jacks)

FILAMENT CONTROL SWITCHES (see Switches)

FILAMENT CURRENT SUPPLY DEVICES (see Current supply devices)

FIL-KO-ANTENNA KIT—DX Instrument Co., Union Trust Bldg., Harrisburg, Pa.—Aerials.

FILKO-LEAK—DX Instrument Co., Union Trust Building, Harrisburg, Pa.—Grid leaks.

FILKO-LIGHTNING ARRESTER—D. X. Instrument Co., Union Trust Bldg., Harrisburg, Pa.—Lightning arresters.

FILKO-RESISTOR—D. X. Instrument Co., Union Trust Bldg., Harrisburg, Pa.—Variable resistances.

FILKOSTAT—D. X. Instrument Co., Union Trust Bldg., Harrisburg, Pa.—Rheostats.

FIL-KO-SWITCH—DX Instrument Co., Union Trust Bldg., Harrisburg, Pa.—Push-pull "A" battery switches.

FILTER COILS (see Coils)

FILTERS (see Wave traps)

FILTOFORMER—Precise Mfg. Corp., Rochester, N. Y.—Combination radio frequency choke and by-pass condenser.

FINCH RADIO RELAY—Bruno Radio Corp., 222 Fulton St., New York City.—Recorders.

FINDLAY—Findlay Electric Porcelain Co., Findlay, Ohio.—Tubes, aerials, insulators.

FORBESTOS

FIRESIDE—West Penn. Radio Co., 310 S. Main St., Pittsburgh, Pa.—Receiving sets.

FIRTH—Firth Radio Corp., 25 Beaver St., New York City.—Loud speaker unit., small parts.

FISCHER STRAIGHT—General Instrument Co., 123 Liberty St., New York City.—Variometers.

FISCHER WIRELESS—Charles Fischer Spring Co., 240 Kent Ave., Brooklyn, N. Y.—Head bands, aerials.

FISHER—Fisher & Norris, 37 Fair St., Trenton, N. J.—Bench vises.

5 STAR ART WORKS—Parker Aeolus Corp., 160 Grand St., New York City.—Aerials, busbar wire, cat whiskers, rheostats, potentiometers.

FIXED CONDENSERS (see Condensers, fixed)

FIXED DETECTORS (see Detectors, Crystal)

FIXED RESISTANCES (see Resistances; Grid leaks)

FIXTURES (see Store fixtures; Machinery)

FIXEDEDTECTOR—Foote Radio Corp., 107 W. 19th St., Philadelphia, Pa.—Crystals, crystal detectors.

FIXT-POST—The Mydar Radio Co., 9 Campbell St., Newark, N. J.—Inductance switches.

FLERON—M. M. Fleron & Son, 110 N. Broad St., Trenton, N. J.—Adapters, phonograph, dial adjustors, lightning arresters, vernier attachments.

FLERON STAND OFF—M. M. Fleron & Son, Trenton, N. J.—Insulators, antenna outfits, lead-ins, bushings.

FLETCHER—The Fletcher Wicks Co., 116 West Illinois St., Chicago, Ill.—Loud speaker units.

FLEWELLING—Buell Mfg. Co., Cottage Grove Ave. and 38th St., Chicago, Ill.—Sockets, vacuum tube.

FLEXODYNE—Charles Hall, 1674 Broadway, New York City.—Receiving sets.

FLINT—Flint Radio Co., 1817 A Wilson Ave., Chicago, Ill.—Transformers.

FLUX (see Soldering flux)

F. M. C.—Ford Mica Co., 14 Christopher St., New York City.—Amplifier units, transformers, dies.

FORBESTOS—Forbestos Co., 110 E. 42d St., New York City.—Condensers, fixed.

FORE

FORE—Fore Electrical Mfg. Co., Inc., 5255 North Market St., St. Louis, Mo.—Rectifiers, ammeters, battery chargers.

FOREST CITY—The Forest City Rubber Co., 1276 Ontario St., Cleveland, Ohio.—Panels, binding posts, binding post strips, dials, ear cushions, jacks, switches, potentiometers, rheostats, spider web forms, switch levers.

FORMAN & CO.—Forman and Co., 366 Greenwich St., New York City.—Soldering lugs, binding posts, fixed condensers, crystals, variable grid leaks, multiple phone connectors, cat whiskers, dials, insulators, variocouplers, receiving sets, sliders, rheostats, switch parts, vacuum tube sockets.

FORMICA—Formica Insulation Co., 4614 Spring Grove Ave., Cincinnati, Ohio; 129 Charleton St., New York City. Panels, molded insulation, tubes, rods.

FOUR WAY—Four Way Company, Myrick Bldg., Springfield, Mass.—Aerials, loop, folding loop aerial, telephone switch plugs.

FRAMINGHAM—Framingham Co., Framingham, Mass.—

FRANCO—Yale Battery Co.; Pearl and Tillary Sts., Brooklyn, N. Y.—“A” dry cells, “B” dry cells.

FRANKEL—Frankel Connector Co., 1146 Broadway, New York City.—Electrical test and battery charging clips.

FRANKLIN — Franklin Radio Corp., 150 E. Broad St., Columbus, Ohio.—Receiving sets.

FRANKLIN SPENCER CABINET—Maitland & Spencer Roach, 2905 Columbia Ave., Philadelphia, Pa.—Cabinets.

FRANK'S HIGH VACO—William Frank, 25 W. 42nd St., New York City.—Mercury pumps, thoriated pintsch filament.

FREED-EISEMANN — Freed-Eiseman Radio Corp., Sperry Bldg., Brooklyn, N. Y.—Receiving sets.

FREIDAG—Freidag Mfg. Co., Freeport, Ills.—Fittings, iron antenna poles.

F. & M.

FRESHMAN—Chas. Freshman Co., Inc., 240 W. 40th St., New York City.—Variable resistance leaks, mica condensers, combination leaks and condensers, kits, fixed condensers, crystal detectors, vernier dials.

FRESHMAN FIX-O—Chas. Freshman Co., 240 W. 40th St., New York City.—Combination condensers, leak mountings, resistance leaks.

FRESHMAN MASTERPIECE — Chas. Freshman Co., Inc., 240 W. 40th St., New York City.—Receiving sets, kits.

FRESHMAN WIRELESS TEST — Chas. Freshman Co., Inc., 240 W. 40th St., New York City.—Fixed condensers.

FRONTIER (in diamond)—Frontier Bronz Corp., Niagara Falls, N. Y.—Brass and bronze castings.

FROST—Herbert H. Frost, 314 W. Superior St., Chicago, Ills.—Adapters socket, rubber or composition dials.

FROST FONES—Herbert H. Frost, Inc., 314 W. Superior St., Chicago, Ills.—Head sets.

FROST RADIO—Herbert H. Frost, Inc., 314 W. Superior St., Chicago, Ills. — Vacuum tube sockets, switches, rheostats, potentiometers, rheostat resistance units, coils, cords, jacks, plugs, jack-boxes.

FROST-RADIO PAN TAB—Herbert H. Frost, Inc., 314 W. Superior St., Chicago, Ills.—Jacks.

FRP.—Famous Radio Products, 33 Grand St., New York City.—Dials, rheostats.

FULL-A-TONE—P. H. Fuller Co., 365 Gerard Ave., New York City.—Loud speakers.

FULLER—P. H. Fuller Co., 365 Gerard Ave., New York City.—Cabinets.

FURNELL—Furnell Mfg. Corp., 889 Broad St., Newark, N. J.—Vernier dials, variable condensers.

FUSES (see Tube protectors)

F & D—Friedrich & Dimmock, 7 E. 42d St., New York City.—Glass tubes.

F & M—Frasier-Marsh, 347 Maugattuck Ave., Devon, Conn.—Connections.

G

GADGET

GADGET—Gotham Radio Corp., 50 Park Place, New York City.—Parts and accessories.

GALENA

Eagle Electric Mfg. Company, 38 S. 8th St., Brooklyn, N. Y. **EAGLE**.

Legal Tender Mining Syndicate, Idaho Springs, Colo. Steel galena ore.

Radio Minerals Company, 1935 Hazelwood Ave., Detroit, Mich. Mineral. In bulk.

GALVANOMETERS (See Instruments)

GAROD CORP.—Garod Corp., Newark, N. J.—Neutrodyne receivers.

GAROD V—Garod Corp., Newark, N. J.—Receiving sets.

GAROD R-A-F—Garod Corp., Newark, N. J.—Receiving sets.

GAR PRODUCTS—General American Radio Mfg. Co., West Orange, N. J.

GARSITE—The Martin Hewitt Lab., 40 Firth Ave., Maspeth, L. I., N. Y.—Crystals.

GB—Gilfillan Bros., Inc., Los Angeles, Calif.—Parts, couplers.

G. E. (in circle)—General Electric Co., Bridgeport, Conn.—

GEHMAN BUILT—L. E. Gehman, 390 South Eleventh St., Newark, N. J.—180-degree variocouplers. Variable condensers.

GEM—(in diamond)—Chicago Fuse Mfg. Co., 1503 W. 15th St., Chicago, Ills.—Fuses.

GEM—Firth Radio Corporation, 25 Beaver St., New York City.—Loud speaking units.

GEM—Standard Metal Mfg. Co., 237 Chestnut St., Newark, N. J.—Loud speakers.

GEM—Super-Antenna Co., 115 S. 5th St., Quincy, Ills.—Receivers and loop aeriels.

GEM—Wireless Products Corp., 136 Prince St., New York City.—Grid leaks, lead-ins, variable grid leaks, variable high resistances.

GENASCO—The Barber Asphalt Co., 1900 Land Title Bldg., Philadelphia, Pa.—Battery paint, battery sealing asphalt.

GENERAL—General Electric Co., Co., Bridgeport, Conn.—Insulating varnish, soldering paste, varnished tubing.

GENERAL — General Instrument Corp., 423 Broome St., New York City.—Dials, rubber or composition, variable vernier condensers.

GENERAL—General Storage Battery Co., 2005 Locust St., St. Louis, Mo.—Storage batteries, "A."

GIBSON

GENERAL INSTRUMENT—General Instrument Corp., 423 Broome St., New York City.—Transformers.

GENERAL MFG. — General Mfg. Co., 7636 South Shore Drive, Chicago, Ills.—Transformers.

GENERAL RADIO—General Radio Co., Cambridge, Mass.—Dials, amplifier units, wavemeters, sockets, rheostats, variable condensers, meters, amplifying transformers, binding posts, insulators, buzzers, wave traps, variocoupler, variometers, inductance and coupling coils, potentiometers, precision apparatus for laboratory use, ammeters, knobs, dials.

GENERAL STRAIGHT — General Inst. Co., 123 Broome St., New York City.

GENERATORS

Bodine Electric Company, Ohio St. and Oaley B'vd., Chicago, Ills. **BODINE**.

Cambridge Instrument Company, Inc., 3512 Grand Central, Terminal, New York City. Einthoren-type string; Hindle string; Cambridge vibration galvanometers.

GENUINE MILLER-B-METAL — The A. H. Miller Radio Co., 1224 20th St., Detroit, Mich.—Crystals.

GEN-WIN—General Radio Winding Co., 214 Fulton St., New York City.—Coils, Cockaday, three-circuit tuned R.F., Neutroflex, Reflex, coil winding, transformers, tuners, variocouplers, variometers, tuning coils.

GERSON—Louis Jay Gerson, Palisades, N. Y.—Cabinets, wood.

GESCO — General Engineering & Supply Co., 160 Fifth Ave., New York City.—Choke coils, coil winding machinery, factory machinery.

G. G. H. MAJESTIC REPRODUCER—Grigsby-Grunow Hinds Co., 4540 Armitage Ave., Chicago, Ills.—Loud speakers.

GIANT—Foote Radio Corp., 1609 Summer St., Philadelphia, Pa.—Crystals.

GIANT—Trimm Radio Mfg. Co., 24 S. Clinton St., Chicago, Ills.—Phonograph adapters, phonograph attachments.

GIBLIN—Standard Radio & Electric Co., Pawtucket, R. I.—Transformers, aeriels, sets, receiving.

GIBSON-SEARS STERLING FIVE —Gibson Sears Radio Corp., 48 West Broadway, New York City —Receiving sets.

G. I. C.

G. I. C.—General Instrument Co., 423 Broome St., New York City.—Condensers.

GILBERT—The Gilbert Battery Co., 138 Fayerweather St., Bridgeport, Conn.—Storage "B" batteries.

GILFILLAN—Bros., Inc., 1815 W. 16th St., Los Angeles, Calif.—Neutrodyne receiving sets, condensers, tube sockets, rheostats, dials, jacks, electric portable drills.

GLAMZO—Paul Glamzo, 203 Lafayette St., New York City.—Angle and straight brass terminals.

GLASS CABINETS (see Cabinets)

GLASS DIALS (see Dials)

GLASS INSULATORS (see Insulators)

GLASS PANELS (see Panels)

GLASS TUBES

Friedrich & Dimmock, 7 East 42nd St., New York City.

Yunk Glass Mfg. Company, 570 Forest St., Orange, N. J. **YUNCK.** Blank glass for vacuum tubes.

GLOBE—Globe Chemical Co., St. Bernard, Cincinnati, Ohio.—Chemicals.

BATTERY SEALING COMPOUND

GLOBE—Globe Electric Co., 14 Keef Ave., Milwaukee Wis.—Receiving sets, transformers, storage "A" and "B" batteries.

GLOBE—Globe Phone Mfg. Co., Reading, Mass.—Radio head sets, switches, broadcasting transmitters, microphones, loud speakers, lightning arresters, multiple phone connectors, loud speaker units, jacks, binding posts, antenna plugs.

GLOBE — Globe Radio Equipment Co., 217 W. 125th St., New York City.—Coils, kits, tuners.

GLOBE LOW LOSS TUNER—Globe Radio Equipment Co., 217 West 125th St., New York City.—Tuners.

GLOBE WERNICKE—Globe Wernicke, 451 Broadway, New York City.—Book cases adapted for radio, tables, cabinets.

GLO-RAY—Brantford Electric Co., Inc., 39 Cortlandt St., New York City.—Resistance wires, electrical appliances.

GODLEY FARRAND—Farrand Mfg. Co., Long Island City, N. Y.—Transformers, receiving sets, loud speakers.

GOLDEN-LEUTZ — Golden-Leutz, Inc., 476 Broadway, New York City.—

GOSILCO

GOLDCREST—The Cleartone Radio Co., McMillan and Essex Place, Cincinnati, Ohio.—Receiving sets.

GOLDENROD — Imp Radio Corp. 1945 Wabansia Ave., Chicago, Ills.—Gold plated antenna wire, gold plated bus bar wire.

GOLD FINCH—Peter J.—Constant, Inc., 91 7th Ave., New York City.—Sets, receiving.

GOLDFINCH—Guthrie Co., Grafton, Ohio.—Receiving sets.

GOLD FINCH — Goldfinch Radio Corp., 624 S. Michigan Ave., Chicago, Ill.—Receiving sets.

GOLD GRAIN—National Airphone Corp.—Crystal detectors.

GOLD-LABEL—W. Guild, Newark, N. J.—Phone tip jacks, head set condensers.

GOLD LABEL — Radio Research, Newark, N. J.—Peanut tubes, sockets.

GOLD MEDAL—Gold Medal Radio, New York City.—Sets, receiving.

GOLD SEAL—Putt Electric Shop, Elkhart, Ind.—Tuners and Tuning coils.

GOLDSTONE—Square Deal Radio & Electric Co., Fenton, Mich.—Receiving sets.

GOLLOS — Gollos Radio Corp., Champaign, Ills.—Receiving sets.

GOODELL PRATT — Goodell-Pratt Co., Wells St., Greenfield, Mass.—Bench vises, hand vises, screw drivers, hack saws, socket wrenches, hand breast drills, coil winders.

THE GOODMAN—L. W. Goodman, 10 Forrest Ave., Drexel Hill, Pa.—Short wave tuners, spider-web fan coils and mountings, inductance coils.

GOODRICH—The B. F. Goodrich Rubber Co., Akron, Ohio.—Tubing, panels, battery mats, sockets, ear cushions, unwound variometers, tubes, spaghetti, sheet rubber.

GOODRICH-LENHART—Goodrich Lenhart Mfg. Co., Harrisburg, Pa.—Wiring harnesses, head sets, cords, loud speaker cords, etc.

GOOSE NECK HORNS (see Horns)

GORTON—George Gorton Machine Co., Racine, Wis.—Engraving machines.

GOSILCO — American Luminous Products Co., Huntington Park, Calif.—Gold and silver plated aerial wire.

GLASS BULBS FOR VACUUM TUBES

We carry in stock bulbs for the following types of Vacuum Tubes: Moorhead, 201A, 199, 11, 12, etc. If you need a special bulb for your tube, send specifications for quotations.

YUNCK GLASS & MFG. CORP.

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GOTHAM

GOTHAM—Gotham Radio Corp., 50 Park Place, New York City.—Parts and accessories.

GOULD—Gould Storage Battery Co., 30 E. 42d St., New York City.—“A” storage batteries.

GOULD UNI POWER—Gould Storage Battery Co., 50 Park Ave., New York City.—“A” and “B” storage batteries, battery chargers, current supply.

GR—General Radio Co., Cambridge, Mass.—Variocouplers, variometers, inductance and coupling coils, variable condensers, wavemeters, filters, rheostats, potentiometers, sockets, amplifier units, amplifying transformers, dials, insulators, binding posts, buzzers, precision apparatus for laboratory use.

GRAMMES—L. F. Grammes & Sons, Inc., Jordan & Union Sts., Allentown, Pa.—Binding posts, condensers, jacks, hardware lugs, metal parts, nuts, phone plugs, switches, switch parts, scale, stampings, name plates, hardware, etc.

GRAND—Cannon & Miller Co., Inc., Springwater, N. Y.—Head sets.

GRAND—Grand Mfg. Co., 6108 W. Grand Ave., Chicago, Ill.—Variometers, variocouplers.

GRAND—Grand Wood Works, Inc., 6108 W. Grand Ave., Chicago, Ill.—Variometers.

GRANOLITE—Granolite Art Products Co., 222 Fourth St., Milwaukee, Wis.—Wood horns.

GRAY — Gray's Electro-Chemical Labs., Bayonne, N. J.—Storage batteries.

GRAYNIE—Graynie Corp., 325 W. Jackson Blvd., Chicago, Ill.—Storage “B” battery.

GREAT NORTHERN—Great Northern Cabinet Co., 30 Vesey St., New York City.—Consoles, tea Wagons.

GREBE—A. H. Grebe and Co., Inc., 70 Van Wyck Blvd., Richmond Hill, N. Y.—Receiving sets, radio frequency amplifiers.

GREBE SYNCHROPHASE—A. H. Grebe & Co., Inc., 70 Van Wyck Blvd., Richmond Hill, N. Y.—Receiving sets.

GREEN—V. D. Green Mfg. Co., 7101 Detroit Ave., Cleveland, Ohio.—Variable condensers.

GREWOL—Grewol Mfg. Co., Newark, N. J.
Fixed crystal detectors, two in one

GRID LEAKS

GRICO—Goodyear Rubber Insulating Co., 105 East 131st St., New York City.—Rubber insulated, special radio wires, and wiring harnesses.

GRID-DENSER — Amplex Instrument Laboratories, 88 W. Broadway, New York City.—Variable grid condenser.

GRID CONDENSERS (see Condensers, fixed)

GRID LEAK MOUNTINGS (see Mountings)

GRID LEAKS

(fixed, variable, adjustable)

Aerovox Wireless Corp., 489 Broome St., New York City. **AERVOX**. 3 types— $\frac{1}{4}$ to 10 Megohm; 15c, 20c and 50c.

Airex Company, 799 Greenwich St., New York City. **AIREX**. Variable.

Allen-Bradley Company, 487 Clinton St., Milwaukee, Wisc. Variable. **BRADLEY-LEAK**. **PERFECT GRID LEAK**. \$1.85.

American Mechanical Labs., Inc., 285 No. 6th St., Brooklyn, N. Y. **CLAROSTAT**. Practically 0 to $\frac{1}{2}$ million ohms. \$2.25.

L. S. Brach Mfg. Company, 125 Sussex Ave., Newark, N. J.

Burton & Rogers Company, 755 Boylston St., Boston, Mass. **VOLT-X**. Variable.

Central Radio Labs., 303 16th St., Milwaukee, Wisc. Variable. **CENTRALAB**. No. 106, without condenser. \$1.25 ;No. 107, with .0025 condenser, \$1.60.

Cole Radio Mfg. Corp., Bloomfield, N. J. **“MEGGIT.”**

Martin Copeland Company, Providence, R. I. Variable. **MAR-CO**. \$1.00.

Daven Radio Corp., 158 Summit St., Newark, N. J. 50c to \$1.00. **LEAK-ANDENSER**.

De Jur Products Company, Lafayette & Broome Sts., New York City. **DE JUR**. Glass enclosed, fixed and variable. 25c.

Dubilier Condenser & Radio Company, 4337 Bronx Blvd. at W. 238th St., New York City. **METALEAK**, 40c, 65c.

Durham & Company, Inc., 1936 Market St., Philadelphia, Penna. **DURHAM**. Fixed and variable metal lized leaks. 40c, 75c. No. 101, 1 to 5 megohms. No. 201a, 2 to 10 megohms.

DX Instrument Company, Union Trust Bldg., Harrisburg, Penna. **FIL-KO-LEAK**. Variable. Calibrated. \$1.75.

GRID LEAKS (Continued)

- Eagle Electric Mfg. Company, 38 S. 8th St., Brooklyn, New York. **EAGLE**. Variable.
- Electrad, Inc., 428 Broadway, New York City. Fixed. **ELECTRAD**, **CERTIFIED**, 50c; **ELECTRAD**, glass, 30c; **KEYSTONE**, glass, 25c; Variable **VARIOHM**, \$1.25; Mounted, \$1.50.
- Electrical Research Labs, 2500 Cottage Grove Ave., Chicago, Ills. **ERLA**. Variable Grid Leak, Pencil Mark Type, 20c.
- Etna Electric Works, 410 E. 15th St., New York City. Variable. **ETNA**.
- Everett Radio Company, 5207 Dorchester Ave., Chicago, Ills. Variable. **PRECISION**.
- Forman & Company, 366 Greenwich St., New York City. Variable. **FORMAN & CO.** 10c.
- Jos. W. Jones Radio Mfg. Company, Inc., 45 W. 25th St., New York City. **JOS. W. JONES**. Variable \$1.50.
- Metro Electric Mfg. Company, Inc., 121 Prince St., New York City. **METRO**.
- C. E. Mountford, 465 Greenwich St., New York City. **MOUNTFORD**. Fixed 25 cents. Variable 50 cents.
- Philmore Mfg. Company, 105 Chambers St., New York City. **AJAX**.
- Polymet Mfg. Corp., 70 Lafayette St., New York City. **POLYGRID**.
- Radio Foundation, Inc., 25 W. Broadway, New York City. **NO NOISE TYPE L**, 85c. Variable.
- Radio Specialty Company, 96 Park Place, New York City. No. 3605, 25c; No. 3607, 25c; No. 3709, 25c; No. 3612, 25c.
- Rotator Company, 107 W. 117th St., New York City.
- R-U-F Products Company, 292 Liberty Ave., Brooklyn, N. Y. **R-U-F**. Variable, \$1.35; Fixed, 50c.
- Spec Dee Specialty Company, 199 Lafayette St., New York City. **HERCULES PRODUCTS**. Fixed. Glass Enclosed.
- Spencer Mfg. Company, Aurora, Nebr. **SPENCER**.
- Spielman Electric Company, 311 W. 59th St., New York City. Variable. **SECO**. \$1.00; \$1.25 for panel mounting. Variable.
- Tridot Electric, Inc., 16 Hudson St., New York City. **TRIDOT**. Glass. Fixed.
- Turn-it Radio Sales, Inc., 71 Murray St., New York City. **TURN-IT** Variable.
- Veby Radio Company, 47-51 Morris Ave., Newark, N. J. **VEBY**. Fixed.

GROUND CLAMPS

- Wireless Products Corp., 362 Broadway, New York City. **ROYALTY**, 50c; **GEM**, 25c; Wire wound **ROYALTY**. 100,000 to 7,000,000 ohms. Variable. High Resistance.
- Wireless Specialty Apparatus Company, Jamaica Plain, Boston, Mass. **FARADON**. **NOISELESS**. $\frac{1}{4}$, $\frac{1}{2}$, 1, 2, 3 and 5 megohms.
- GRID LEAK TESTERS**
- Illinois Testing Labs., Inc., 141 W. Austin Ave., Chicago, Ills.
- GRINDERS, ELECTRIC** (see Machinery)
- GRIMES**—David Grimes, Inc., 1571 Broadway, New York City.—Receiving sets.
- GROSS**—The Harry A. Gross Co., 5520 Florence Ave., Philadelphia, Pa.—Loop.
- GROSSER SILVER JACKS**—Grosser Sons Co., Inc., 55 Sudbury St., Boston, Mass.—Jacks.
- GROUND CLAMPS**
- Airline Radio Company, 1548 St. Nicholas Ave., New York City. **SNAP-TITE**.
- Amoroso Mfg. Company, 14 Sears St., Boston, Mass. **NIFTY**. List Price, 20c.
- Blackburn Specialty Company**, 1964 E. 66th St., Cleveland, Ohio. **BLACKBURN**. Adjustable, copper. No. 1, 5c; No. A1, 10c and No. 3, 14c each.
- The Chase-Shawmut Company, 374 Merrimac St., Newburyport, Mass. **SHAWMUT GROUND CLAMPS**. List prices: $\frac{3}{8}$ in., 24c; $\frac{1}{2}$ in., 24c; $\frac{3}{4}$ in., 28c; 1 in., 34c; $1\frac{1}{4}$ in., 40c; $1\frac{1}{2}$ in., 46c; 2 in., 52c; $2\frac{1}{2}$ in., 58c; 3 in., 64c; 4 in., 76c; 5 in., 88c; 6 in., \$1.00.
- Eagle Electric Mfg. Company, 38 S. 8th St., Brooklyn, N. Y. **EAGLE**.
- Ekko Trust Company, Harris Trust Bldg., Chicago, Ills. **EKKO**. 25c.
- Electric Service Supplies Company, 17th and Cambria Sts., Philadelphia, Penna. **KEYSTONE**. Ground Point Pipe Cap, $\frac{3}{4}$ -inch pipe, 90c; 1 inch, \$1.10.
- Fahnestock Electric Company, Long Island City, N. Y. **FAHNESTOCK**.
- Henry Frank, Junior, Inc., 380 Hudson St., New York City. **ECLIPSE**.
- The Hart & Hegeman Mfg. Company, 342 Capitol Ave., Hartford, Conn. **H. & H. GOUND CLAMP**.
- Heinemann Electric Company, 1730 N. 5th St., Philadelphia, Penna. **SURETIT SOLDERLESS**, 10c.
- Hubbard & Company, Pittsburgh, Penna. **HUBBARD GROUND PIPES**. HOT. Galvanized.

GROUND CLAMP (Continued)

U. T. Hungerford Brass & Copper Company, 80 Lafayette St., New York City.

Kirkman Engineering Corp., 484 Broome St., New York City. K-E $\frac{3}{8}$ to 1 inch, 20c; $\frac{3}{8}$ to 2 inches, 25c; $\frac{3}{8}$ to 3 inches, 30c.

Mertz Specialty Company, 206 W. 10th St., Wilmington, Del. SADDLE.

John J. Mucher, 109 Lafayette St., New York City. MUCHER. Solderless.

Heinemann Electric Company, 1730 N. 5th St., Philadelphia, Penna. SENSORY.

Pentz Radio Factory, 207 So. Fifth St., Minneapolis, Minn. PENTZ-LYNE. 10c.

H. B. Sherman Mfg. Company, Battle Creek, Mich. SHERMAN. Copper.

F. R. Zierick Machine Works, 207 Canal St., New York City. ZIERICK.

GROUND RODS

Burn Boston Battery & Mfg. Works, 80 Boylston St., Boston, Mass. BURN-BOSTON.

HANSCOM

Copperweld Steel Company, Braddock, P. O., Rankin, Penna. COPPERWELD.

Electrad. Inc., 428 Broadway, New York City. HYDROGROUNDS. \$1.75.

Hubbard & Company, Pittsburgh, Penna. COPPERWELD.

GROUND

Burn Boston Battery Mfg. Company, 80 Boylston St., Boston, Mass. CARBON BURN-BOSTON. \$1.25 to \$7.25.

Electrad. Inc., 428 Broadway, New York City. HYDROGROUNDS.

GROUND SWITCHES (see Switches)

G. T. D.—Greenfield Tap and Die Corp., Sanderson St., Greenfield, Mass.—Twist drills, taps, dies, reamers.

GUARDIAN—Leslie F. Muter Co., 76th & Greenwood Ave., Chicago, Ills.—Lightning arresters.

GUILD SEAL RADIO APPARATUS—The Radio Guild, Inc., 178 Commerce St., Newark, N. J.—Parts.

GUMMON—Garfield Mfg. Co., Garfield, N. J.—Moulded insulation.

H

H (in circle)—Hinsdell Electric Co., 225 River St., Troy, N. Y.—Storage batteries.

H (in shield)—The Halldorson Co., 1772 Wilson Ave., Chicago, Ills.—Receivers, audio transformers.

HADDAWAY—Haddaway Mfg. Co., 1806 So. Hoover St., Los Angeles, Calif.—Sets, receiving.

HAFER—Hafer Supply Co., Joplin, Mo.

HAFNER—Hafner Mfg. Co., 3128 Carroll Ave., Chicago Ills.—Battery testers, hydrometers.

HAGERSTROM'S—A. G. Hagerstrom Co., Inc., 116 Nassau St., New York City.—Reliable radio record.

HALCYON—Halcyon Insulator Co., 168 Front St., New York City.—Fixed condensers, by-pass condensers.

HALOWAT TR-5 — Hallock & Watson Radio Corporation, 190-192 Park St., Portland, Ore.—Manufactured sets.

HALLBERG—J. H. Hallberg, New York City.—Sets.

HALLDORSON — The Halldorson Co., 1772 Wilson Ave., Chicago, Ills. Receiving sets, audio frequency transformers.

HALLERIO — W. B. Haller, 2100 Sarah St., Pittsburgh, Pa.—Loop, double loop, furnished with leads

and tuning knobs, coils, crystals, dial pointers, receiving sets, crystal receivers, crystals, detectors.

HALLIWELL — Halliwell Electric Co., Inc., 4th Ave. & 12th St., New York City.—Mahogany crystal loud speakers.

HALOWAT — Hallock & Watson, Radio Corp., 190 Park St., Portland, Ore.—Receiving sets.

HAMCO—Hamilton Glass Inst. Co., Conshocken, Pa.—Hydrometers.

HAMMARLUND—Hammarlund Mfg. Co., 144 W. 18th St., New York City.—Variable condensers, dials.

HAND TOOLS (see Tools)

HANDLES, BATTERY (see Battery handles)

HANDY—Chicago Electric Mfg. Co., 2801 S. Halsted St., Chicago, Ills.—Switches.

HANDY CHARGER — Interstate Electric Co., 4015 Laclede Ave., St. Louis Mo.—Battery chargers.

HANDYKANS—A. E. Hill Mfg. Co., Atlanta, Ga.—Nuts, screws, soldering lugs, etc.

HANKINS—S. P. Hankins & Co., 660 Twelfth St., Oakland, Calif.—Vacuum tubes.

HANSCOM SUPERUNIT—Allan T. Hanscom, Woonsocket, R. I. — Superheterodyne unit.

HARCO

HARCO—Harris & Birdseye, Inc., 26 Courtlandt St., New York City. —Crystals, crystal detectors, jacks, plugs, inductance coils, switches, receiving sets, variocouplers.

HARD RUBBER (see Insulation, moulded)

HARDENING AND ANNEALING HARDWARE

(Cabinet Hardware, hinges, etc.)

Arrow Hardware Corp., 27 Vestry St., New York City.

Bridgeport Brass Company, Bridgeport, Conn. **BRIDGEPORT**. Brass brackets.

The Federal Porcelain Company, Carey, Ohio. **FEDCO**. Cleats.

R. B. Field & Company, 10 Clarence St., Worcester, Mass. **FIELDCO**. Gaskets.

Henry Frank Junior, Inc., 380 Hudson St., New York City. **ECLIPSE**. Angles for glass cabinets. Brackets for glass cabinets.

Federal Porcelain Company, Carey, Ohio. **FEDCO**. Aerial supports.

Freidag Mfg. Company, Freeport, Ills. **FREIDAG**. Radio Aerial Mast pipe fixtures.

L. F. Grammes & Sons, Inc., Jordan and Union Sts., Allentown, Penna. **GRAMMES CASE**. Cabinet hinges, escrutcheon pins, knobs, friction spring door catches, plates and rings.

The K. W. Ignition Corp., 2811 Chester Ave., Cleveland, Ohio. **K.W.** (in circle). Brackets.

Liberty Metal Prod., Berea, Ohio. **BEAN RADIO**. Special Metal fittings.

Miller Lock Company, Philadelphia, Penna. **MILLER**. Locks.

Mississippi Valley Radio Company, 203 Pine St., St. Louis, Mo. **M-V** Aluminum brackets. Sub-base, \$1.50 per pair.

Morris Register Company, Council Bluffs, Iowa. **MORRIS**. Cabinets.

Parker Metal Goods Company, 28 Cherry St., Worcester, Mass. **PARKER**. Screw hooks.

Pheoll Mfg. Company, 5700 Roosevelt Road, Chicago, Ills. **PHEOLL**. Rivets and burrs, copper screws, copper washers, rods, nuts.

Precise Mfg. Corp., 254 Mill St., Rochester, N. Y. No. 99 Bracket, universal for mounting subpanel on all types of radio sets. List price, \$2.00.

The Stanley Works, New Britain, Conn. Cabinet hardware, hinges, screw drivers, brackets.

Toaz Eng. & Sales Company, 11703 Robertson Ave., Cleveland, Ohio. Brackets.

HAYNES-GRIFFIN

Waterbury Button Company, Waterbury, Conn. **MEGOHMO**. Panel braces, rivets.

Yaxley Mfg. Company, 217 N. Desplaines St., Chicago, Ills. **YAXLEY**. Pilot light brackets, 50c.

HARDSOCC—Hardsocg Mfg. Co., Ottumwa, Iowa. — Loudspeaker units, loud speakers, fibre horns for cabinets.

HARKNESS—Kenneth Harkness Radio Corp., Kenneth, 727 Frelinghuysen Ave., Newark, N. J.—Tuners and tuning coils, crystal detectors, audio frequency amplifiers, variable condensers, transformers.

HARKNESS—Radio Guild, 178 Commerce St., Newark, N. J.—Kits, reflex receivers.

HARKNESS REFLEX KIT—Kenneth Harkness Radio Corp., 727 Frelinghuysen Ave., Newark, N. J.—Kits.

HARMODYNE—Square Deal Radio & Elec. Co., Fenton, Mich.—Receiving sets.

HARMONICS, THE—Jones Radio Co., 1066 W. Adams St., Chicago, Ills.—Regenerative receivers.

HARMONIK—Karas Electric Co., 4042 North Rockwell St., Chicago, Ills.—Transformers, variable condensers, vernier dials.

HARMONSON—H. W. Harmon & Sons Co., Grove City, Pa.—Receiving sets.

HARTFORD—The Hartford Battery Mfg. Co., Milldale, Conn.—“A” and “B” batteries.

HARTFORD—Hartford Metal Prod. Co., Hartford, Conn.—Screw machine products.

HARTMAN—Hartman Electrical Mfg. Co., 34 E. 5th St., Mansfield, Ohio—Receiving sets.

HARVARD—American Storage Battery Co., Boston, Mass.—Batteries.

HASCO—Hartzell Sales Co., 50 Church St., New York City.—

HASCO—H. A. Stiles & Co., 166 Portland St., Boston, Mass.—Wood cabinets.

HAWLEY—B. W. Smith, Danbury, Conn.—“B” battery chargers. “B” storage batteries.

HAYDON—Haydon & Haydon, 73 Warren St., New York City—Tuners and tuning coils.

HAYES-OCTOPHASE—Hayes Products Company, Grand Haven, Mich.—Receiving set.

HAYNES-GRIFFIN—Tested Radio Products Inc., 244 W. 49th St., New York City.—Transformers, vacuum tube sockets, variable condensers, couplers, jacks, phone plugs, transformers, variocouplers.

HAZELETT

HAZELETT—Hazelett Battery Co., 2135 Columbus Road, Cleveland, Ohio—"A" and "B" storage batteries.

HAZELTINE—Trade mark of the Hazeltine Corporation, 200 Fifth Ave., New York City.

H. B.—Hobart Bros. Co., Troy, Ohio.—Battery chargers.

H. C. R.—Henry C. Roberts Radio Co., 112 Trinity Place, New York City.—Variocouplers.

HEADSET CAPS (see Ear caps)

HEADSETS (see Phones)

HEARWELL—Hearwell Elec. Co., 53 Devonshire St., Boston, Mass.—Crystals, aeri-als.

HEATH—Heath Radio & Electric Mfg. Co., 210 First St., Newark, N. J.—Variable condensers.

HECO—Hercules Elec. Co., Chicago, Ill.—Receiving sets, storage batteries.

HEGEHOG—Premier Electric Co., Grace & Ravenswood Ave., Chicago, Ills.—Audio frequency transformers.

HESSLER—Heissler Storage Battery Co., 2450 Calumet Ave., Chicago, Ills.—"A" storage batteries.

HELLER'S—W. C. Heller & Co., Inc., 602 Wabash Ave., Montpelier, Ohio.—Fixtures, parts, cabinets, radio store equipment, shelf boxes, shelving.

HEMCO—George Richards & Co., 557 W. Monroe St., Chicago, Ills.—Dials, sockets, loop aeri-als, sets, receiving.

HERCULES—American Electric Co., 64th and State Sts., Chicago, Ills.—Magnetizers.

HERCULES—De Jur Products Co. 199 Lafayette St., New York City—Vernier attachments, bezel panels, variable vernier condensers, variable condensers, fixed condensers.

HERALD—Herald Electric Co., 29 East End Ave., New York City—Phonograph adapters, loud speakers, phonograph attachments.

HERCULES—Hercules Elec. Co., Chicago, Ill.—Storage batteries, sets.

HERCULES—S. W. Hull & Co., 2048 E. 79th St., Cleveland, Ohio—Aerial masts.

HERCULES—Whitman & Barnes Mfg. Co., Akron, Ohio.

HERCULES PRODUCTS—De Jur Products Co., 271 Canal St., New York City — Switch parts, phone

HOBBS

plugs, rheostats, potentiometers, lugs, binding posts, jacks, fixed condensers, crystal detectors, dial adjusters, dials, grid leaks, insulators, mountings, cords, phone plugs, power rheostat, potentiometers with dials, rheostats with dials.

HERZOG—Herzog Radio Corp., 722 Atlantic Ave., Brooklyn, N. Y.—Receiving sets, loop aeri-als.

HETEROFORMER — Elvin Radio Mfg. Co., 423 Market St., Philadelphia, Pa.—Tuners.

HEWITT RECTIFIER—The Martin Hewitt Lab., 40 Firth Ave., Maspeth, Long Island, N. Y.—Fixed crystal detector.

HICKOK — The Hickok Electrical Instrument Co., 10514 Dupont Ave., Cleveland, Ohio—Instruments and meters.

HICO—Hartford Instrument Co., 311 Pearl St., Hartford, Conn.—Variable condensers.

HIERGESELL — Hiergesell Bros., 2007-13 Belleview Ave., Philadelphia, Pa.—Hydrometers.

HIGH BOY—Jewett Phonograph & Radio Co., Detroit, Mich.

HIGH SPEED — The High Speed Hammer Co., Rochester, N. Y.—Electric drills and tools.

HIGH FREQUENCY BUZZERS (see Buzzers)

HI-HEET — General Insulate Co., 1008 Atlantic Ave., Brooklyn, N. Y.—Bases, condenser plates, dies, dials, knobs, molded insulation.

HILCO—A. E. Hill Mfg. Co., 80 Mangum St., Atlanta, Ga.—Variometers, variocouplers, coils, fixed condensers, mountings, tuners, oscillators, couplers, receiving sets.

HILCOFLEX—A. E. Hill Mfg. Co., Atlanta, Ga.—Reflex kit.

HILCO LO-LOSS T. R. F. KIT—A. E. Hill Mfg. Co., Atlanta, Ga.—Kit.

HILLEBRAND—Hillebrand, 8 Fifth Ave., Saratoga Springs, N. Y.—Crystal detectors.

HILO CRYSTALLIZING LACQUERS — Hilo Varnish Corp., 1 Gerry St., Brooklyn, N. Y.—Lacquers.

HINGES (see Hardware)

HIPCO—Hipwell Mfg. Co., 825 North Ave., N. S., Pittsburgh, Pa.—Batteries, "C" dry, "A" dry, "B" batteries, contacts, switches.

HITCHCOCK'S — Hitchcock's, Wellington, Kans.—Receiving sets.

HOBBS—Hobbs Battery Co., 2019 Bay St., Los Angeles, Calif.—"A" storage batteries, "A" plates.

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HOLBROOK—Holbrook Co., Hudson, N. Y.—Cabinets, wood.

HOLDERS, CRYSTAL (see Crystal holders)

HOLDERS, GRID LEAK (see mountings)

HOLD-TITE—Carter Radio Co., 209 S. State St., Chicago, Ills.—Jacks.

HOLE SHOOTER—The A. Peterson Manufacturing Co., Milwaukee, Wis.—Tools, electric.

HOLLANDS—Hollands Mfg. Co., 248 E. 18th St., Erie, Pa.—Bench vises.

HOLTZER-CABOT—Holtzer-Cabot Electric Co., 125 Amory St., Boston, Mass.—Loud speaker attachments, headsets, loud speakers.

HOMCHARGER—The Kodel Radio Corp., 120 W. 3d St., Cincinnati, Ohio—Battery chargers.

HOME SPEAKER — Trimm Radio Mfg. Co., 24 S. Clinton St., Chicago, Ills.—Loud speakers.

HOMER-SMITH—Homer-Smith, 25 W. 42nd St., New York City.—V. T. bases.

HONEYCOMB COILS (see Coils)

HONEYCOMB COIL MOUNTINGS (see Coil mountings)

HOOD — Hood Rubber Co., Watertown, Mass.—Radio panel.

HOOK-UPS (see Books)

HOOSICK — Hoosick Falls Radio Parts Mfg. Co., Inc., Hoosick Falls, N. Y.—Sockets, socket adapters, dials, insulators, condensers, rheostats, potentiometers, engraved binding posts.

HOOSICK FALLS—Hoosick Falls Radio Parts Mfg. Co., Inc. — Hoosick Falls, N. Y.—Socket adapters, binding posts, variable condensers, dials, insulators, potentiometers, rheostats, switch parts, vacuum tube sockets.

HOPE (in oval)—Hope Webbing Co., Providence, R. I. — Indoor aerial tape.

HORNIG—August W. Hornig, 3921-31 Dickens Ave., Chicago, Ill.—Glass cabinets, glass panels.

HORNS

(Composition, paper, metal, etc.)

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HORNS

Armley Radio Corp., 68 Fleet St., Jersey City, N. J. **ARMLEY.** Collapsible.

Berg Auto Trunk & Specialty Company, Thompson Ave., Long Island City, N. Y. **BERG.**

Brittania Silver Casting Company, Inc., 93 Crosby St., New York City. **HUMANTONE.** Metal.

Davenport-Hickory Corp., 327 So. La Salle St., Chicago, Ills. Horns, wood fibre inside horns for cabinets, consoles and speakers.

Fiber Products Company, 235 Elizabeth Ave., Newark, N. J. **FIBER-TONE.**

Friedlander-Kopple Radio Service, 149 Church St., New York City. **WELBILT.**

Hamburg Bros., 24 Grant St., Pittsburgh, Penna. Fibre Horns, complete with Speaker Units, \$10.00.

Hardsocg Mfg. Company, Ottumwa, Iowa. **HARDSOCC.** Fibre Horns for Cabinets.

Inter-Ocean Radio Corp., 205 Tenth St., Jersey City, N. J. **WOOD-HORN.**

Macy Mfg. Corp., 39 Broadway, New York City. Fiber Paper.

Mazda Radio Mfg. Company, 3411 Perkins Ave., Cleveland, Ohio. **QUALITONE.** For single and double phones. \$2.50.

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N. Y. Hard Rubber Turning Company, 212 Centre St., New York City. Hard rubber horns.

Racon Electrical Company, Inc., 14 Greene St., New York City. **RA-COX.** Regular, Cabinet type, also to order.

Reichmann Company, 1725 W. 74th St., Chicago, Ills. **THOROPHONE.** Moulded.

Seaman-Jones Fibre Products Company, 800 Weed St., Chicago, Ills. **APOLLO.**

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HOWE—A. Mecky Co., 1705 Allegheny Ave., Philadelphia, Pa. — Electric soldering irons.

HOYT PEEP - HOLE — Burton - Rogers, 755 Boylston St., Boston, Mass.—Ammeters, voltmeters.

H. P. M. HIGH PRESSURE HYDRAULIC — Hydraulic Press Mfg. Co., Mount Gilead, Ohio.—Factory machinery, molding presses, automatic control valves for molding presses.

H-S-CO.—Hammacher & Schlemmer & Co., Inc., 4th Ave. & 13th St., New York City.—Cabinet accessories.

HUBBARD—Hubbard & Co., Pittsburgh, Pa.—Grounding devices.

HUBBARD GROUND PIPES — Hubbard & Co., Pittsburgh, Pa.—Grounding devices.

HUBCO—Baltimore Hub-Wheel & Mfg. Co., Fallsway at Gay St., Baltimore, Md.—Receiving sets.

HUBCO BABY GRAND—Baltimore Hub-Wheel & Mfg. Co., Fallsway at Gay St., Baltimore, Md.—Receiving sets.

HUGUENOT—McKenzie Engineering Co., New Rochelle, N. Y.—Phonograph attachments, dials, panels.

HULL TOWERS—S. W. Hull & Co., 2048 East 79th St., Cleveland, Ohio—Towers, poles, aerial masts.

HUMANTONE — Britannia Silver Casting Co., 93 Crosby St., New York City.—Horns, loud speakers.

HUNSDORF — W. P. Hunsdorf & Co., 720 Franfort Ave., Cleveland, Ohio—Coil winding machines.

HUSKEE—Worcester Electric Tool Co., 42 Southbridge St., Worcester, Mass. — Electric portable drills, valve grinders.

HYDROGROUNDS—Electrad, Inc., 428 Broadway, New York City.—Earth grounds, ground rods.

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Oscar Beck Company, 280 Maujer St., Brooklyn, N. Y.

Bemco Mfg. Company, 243 W. 55th St., New York City. **PERFECTION. \$1.00.**

Bilrite Motor Equipment Company, 145 W. 63rd St., New York City. **BILTRITE.**

Cellokay Mfg. Company, 175 5th Ave., New York City. **CELLOMETER. Battery Indicator.**

Eagle Electric Mfg. Company, 38 S. 8th St., Brooklyn, N. Y.

E. Edelman & Company, 2332 Logan Blvd., Chicago, Ills. BREAK-NOT Battery Tester, \$1.00. RADIO SPECIAL Tester, 65; "A" & "B" Battery; "A" & "B" Battery Tester in Distilled Water Jar, \$1.25.

Francis L. Freas Glass Works, Conshohocken, Penna. **CLEARVIEW. Radio "B".**

Hafner Mfg. Company, 3128 Carroll Ave., Chicago, Ills. HAFNER. 75c. HAFNER-METER, \$1.00. HAFNER "B" BATTERY HYDROMETER, 75c.

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HYSTATIC—Railroad Accessories Corp., 50 Church St., New York City—Lightning arresters.

HYTONE—Ajax Electric Co., 18 Palmer St., Cambridge, Mass.—Buzzers.

INSULATION

HYTONE—Hytone Battery Mfg. Co., 2420 First Ave., New York City—Loud speakers, "B" batteries.

H & H—Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn. — Vernier attachments, switches, terminals, fixed condensers, dials, head sets, amplifying units, binding posts, contact points.

H. & H. NUTMEG—Hart & Hegeman Mfg. Co., 342 Capitol Ave., Hartford, Conn.—Head sets, amplifying units, binding posts, contact points.

I

I C. S. RADIO HANDBOOK—International Correspondence Schools, Scranton, Pa.—Books.

IDEAL—The Electrical Alloy Co., Morristown, N. J.—Wire.

IDEAL—Ideal Radio Cabinet Co., Blue Island, Ills.—Cabinets, wood, tables, loud speaker consoles.

IDEAL—Parker-Aeolus Corp., 161 Grand St., New York City.—Rheostats, potentiometers.

IDEAL—Ideal Radio Mfg. Co., 91 7th Ave., New York City—Variable condensers.

I. E. P. C.—Illinois Electric Porcelain Co., Macomb, Ills.—Tubes.

ILLINOIS—Illinois Radio Co., 800 South Fourth St., Springfield, Ill.—Socket cushions, cord tips, spade tips, connectors, tube sockets.

ILLINOIS—Illinois Testing Lab., Inc., Chicago, Ill.—Ammeters, grid leak testers.

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IMICO—International Mica Co., 37th and Brandywine Sts., W. Philadelphia, Pa.—Mica, diaphragms, mica washers, mica discs, cut mica, uncut mica, mica condenser films.

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INDIA RUBY MICA—International Mica Co., 37th & Brandywine Sts., Philadelphia, Pa.—Diaphragms.

INDO-LAC—Permatex Co., Inc., E. 18th St. and Avenue Y, Sheepshead Bay, N. Y.—Insulating varnish.

INDUCTROL—American Radio & Research Corp., Medford Hillside, Mass.—Receiving sets.

INSULATE—General Insulate Co., 1008 Atlantic Ave., Brooklyn, N. Y.—Bases, condenser plates, strain insulators, dials, knobs, binding posts, dies, receivers, molded insulation.

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INDOOR AERIALS (see Aerials)

INDOOR ARRESTERS (see Lightning arresters)

INDUCTANCE COILS (see Coils)

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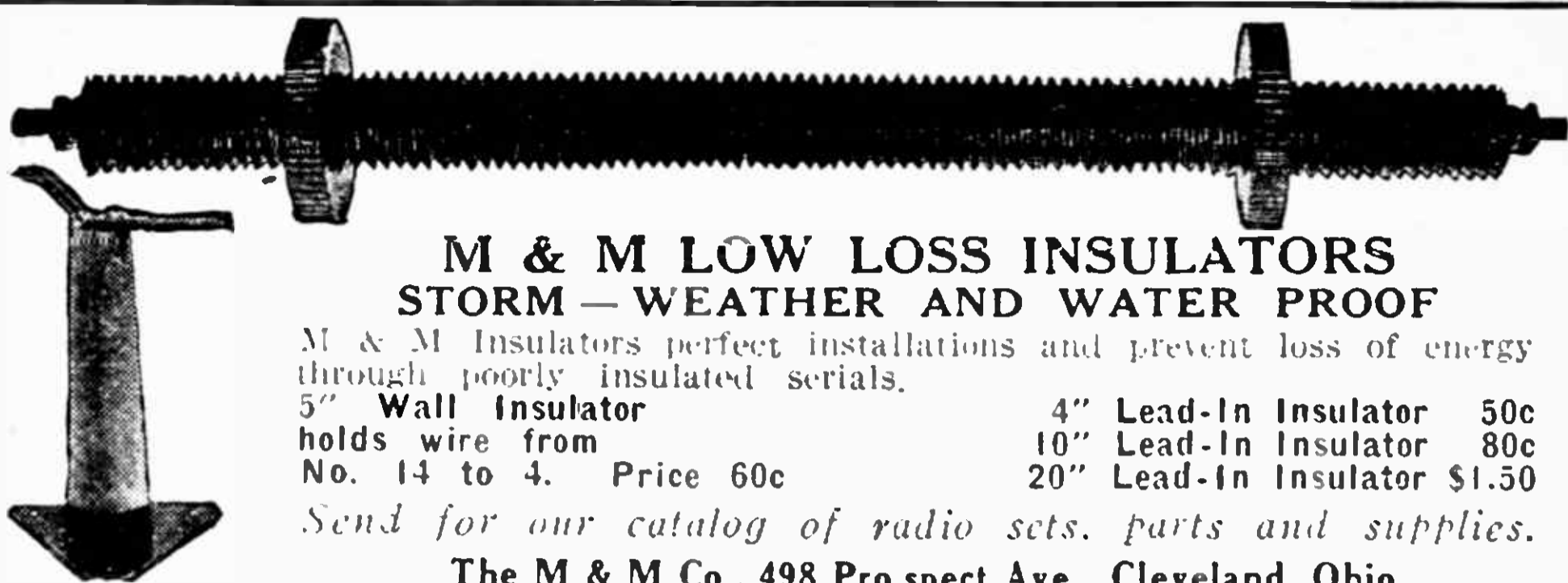
Luzerne Rubber Company, Trenton, N. J. LUZERNE. Hard rubber rods.

Radio Panel & Parts Corp., 59 Warren St., New York City.

Edgar O. Oeters Company, 605 Arch St., Philadelphia, Penna. Electrical insulation. Sheets, tubes, rods.

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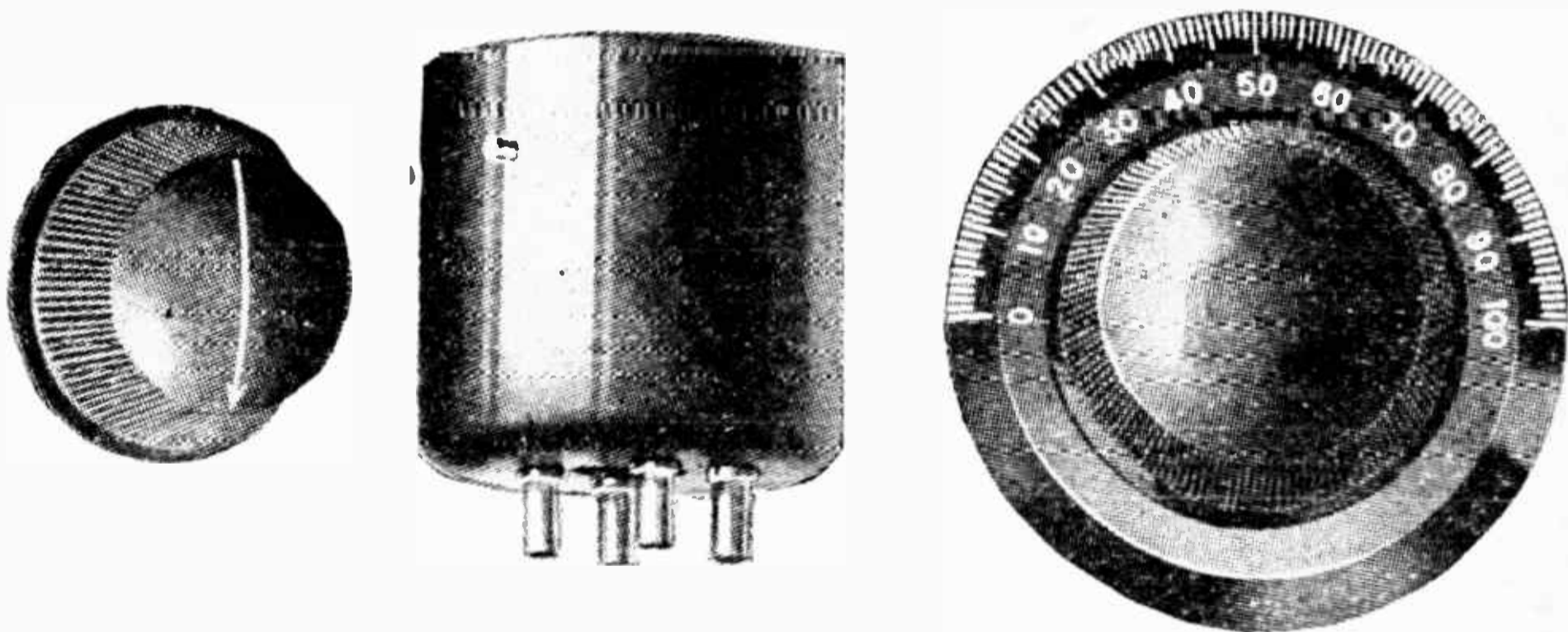
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National Lead Company, Molding Division, 111 Broadway, New York City. Bakelite molded to specifications.

Northern Industrial Chemical Company, 11 Elkins St., South Boston, Mass. **ROXITE.** Bakelite.Radio Products Mfg. Company, 501 S. Jefferson St., Chicago, Ills. **RPM.**

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Recto Mfg. Company, 23 W. 3rd St., Cincinnati, O. **RECTO.**

Shaw Insulator Co., 150 Coit St., Newark, N. J.

Scranton Button Company, Scranton, Penna. **LACANITE.**Splitdorf Electrical Company, 392 High St., Newark, N. J. **SPLITDORF.**Telenduron Company, Butler Ave., Ambler, Penna. **AMBLER.** Asbestos.

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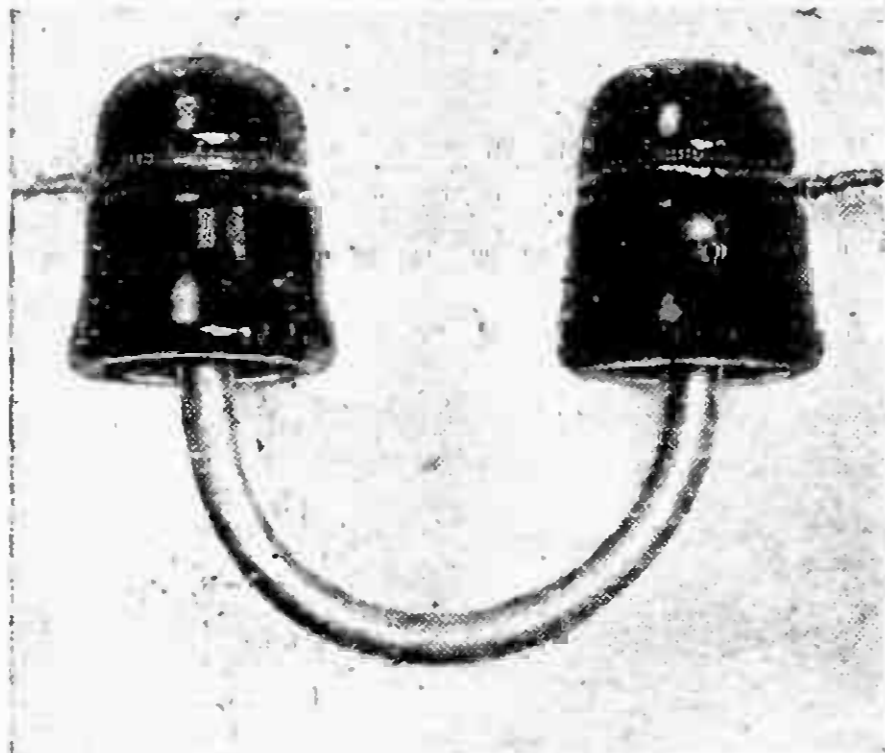
John F. Walsh & Company, 397 7th Ave., New York City. International Insulating Corp.

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- Circle F. Mfg. Company, Trenton, N. J. SERVICE INSULATOR. No. 1. Supporting Antenna, and No. 6. Service Insulator. LITTLE JOE. BIG JOE. Antenna. MEDIUM JOE. Antenna.
- Cook Pottery Company, Trenton, N. J. RED DEVIL. Antenna.
- De Jur Products Company, Lafayette and Broome Sts., New York City. De JUR. Antenna.
- Downey Insulation Company, The Bourse, Philadelphia, Penn.
- The Federal Porcelain Company, Carey, Ohio. FEDCO. Aerial insulators.
- Findlay Electric Porcelain Company, Findlay, Ohio. FINDLAY STAND-OFF. FINDLAY.
- M. M. Fleron & Son, Inc., Trenton, N. J. In individual cartons. Porcelain 2 3/4 to 10 inch, 10c to \$1.50 each list; glass, 3 and 4 inch 20c. to 30c. each list. Stand off insulator.—Porcelain 4 inch 45c; 8 inch. \$1.25.
- Forman & Company, 366 Greenwich St., New York City. FORMAN & COMPANY. .05-composition; .07 porcelain.
- Garfield Mfg. Company, Garfield, N. J. Strain relief insulators.
- General Insulate Company, 1003 Atlantic Ave., Brooklyn, N. Y. molded. INSULATE, composition; HI-HEET. Bakelite.
- General Porcelain Company, Camden Ave., Parkersburg, West Va. Porcelain.
- General Radio Company, 30 State St., Cambridge, Mass. Porcelain. GENERAL RADIO COMPANY. Type 280. strain insulator, 15 cents; Type 260. 25 cents.
- Hartford Metal Products Company, Hartford, Conn. HARTFORD. Glass.
- The Hart & Hegman Mfg. Company, 342 Capitol Ave., Hartford, Conn. H. & H. W-510 composition, W-511 porcelain.
- Heinemann Electric Company, 1730 North 5th St., Philadelphia, Penna. SENSORY. No. 3017. 10 cents; No. 3093. Screw Eye 8 cents. No. 3118. 5 cents; Screw Eye No. 3099, 10c.

INS-UR-TUBES

- L. J. Houze Convex Glass Company, 110 West 40th St., New York City. Glass.
- Hubbard & Company, Pittsburgh, Penna. Lead in. PEIRCE "Wire-holder."
- Kellogg Switchboard & Supply Company, Chicago, Ills. Strain.
- Luzerne Rubber Company, Trenton, N. J. Hard Rubber. LUZERNE.
- The M. & M. Company, Cleveland, Ohio. M. & M. Antenna.
- Permenco Mfg. Corp., 1114 De Kalb Ave., Brooklyn, N. Y. LENZ T-E-N-S-I-O-N Insulators. Porcelain.
- Philadelphia Rust Proof Company, Montgomery Ave. & Howard St., Philadelphia, Penna. LEAD-INSULATOR. (Bracket).
- Philmore Mfg. Company, 105 Chambers St., New York City. AJAX PRODUCTS. 7 cents.
- Radio Panel & Parts Corp., 59 Warren St., New York City. INSULINE. Aerial.
- Radio Products Company, Hartford, Conn. VITOX. Antenna insulators made of glass.
- Radio Receptor Company, Inc., 106-7th Ave., New York City. RE-CEPTRAD R. R. COMPANY. 10c.
- Spee Dec Specialty Company, 271 Canal St., New York City. HERCULES PRODUCTS. Aerial Insulators.
- The R. Thomas & Sons Company, East Liverpool, Ohio. Porcelain.
- The Trenle Porcelain Company, East Liverpool, Ohio. Porcelain. THE TRENLE. Per M. Nos. 500, 302, 303, 301, 304, 305, 306, 307, 108, 120.
- Twinanteleak Aerial Insulator Company, 98 East Main St., Plainville, Conn. TWIN-ANTE-LEAK. Insulators. A-1. \$1.00, a set for one wire.
- Waterbury Button Company, Waterbury, Conn. MEGOHMO 3 and 5 and 10 inch.
- INSULINE--Radio Panel & Parts Co., 59 Warren St., New York City.—Panels. vacuum tube sockets, insulators, telephone ear cushions, tubing.
- INSULINE SURE GRIP — Radio Panel & Parts Corp., 59 Warren St., New York City.—Dials.
- INSULON — Insulating Co. of America, Madison, Wis.—Panels.
- INS-UR-TUBES—Terlee Electric & Mfg. Co., 443 S. Dearborn St., Chicago, Ills.—Tube protectors

INTER-CONTINENTAL

INTER CONTINENTAL — Robbins Radio Co., 230 W. Houston St., New York City—Receiving sets.

INTERNATIONAL — International Radio Telephone Apparatus Co., 395 Broadway, New York City—Head sets.

INTERNATIONAL — International Supply Co., 188 Hanover St., Boston, Mass.—Ammeters.

INTERNATIONAL — International Insulation Corp., Elyria, Ohio—Insulation.

INTER-OCEAN—Inter-Ocean Radio Corp., 205 Tenth St., Jersey City, N. J.—Loud speaker units, horns, loud speakers.

INTER-STATE —Inter-State Radio Co., 57 Dey St., New York City—Transformers, variable condensers.

INTERSTATE — Interstate Woodworking Co., 46 Wooster St., New York City—Cabinets, wood.

INWOOD—Inwood Radio Corp., 583 W. 207th St., (Inwood Sta.) New York City—Batteries, B storage.

IRONS, SOLDERING (see Soldering irons)

IRVING—Irving Furniture Factories, 469 Seventh Ave., New York City—Tables, cabinets.

JACKS

IRVING—Irving Radio Corp., 141 E. Broad St., Columbus, Ohio—Receiving sets.

IRVINGTON—Irvington Varnish & Insulator Co., Irvington, N. J.—Battery sealing compounds, insulating varnish, varnished insulation, spaghetti, insulating compounds.

ISLODYNE—Reichman Co., 1725 W. 74th St., Chicago, Ills.—Receiving sets.

ISO-FARAD—Walbert Mfg. Co., 925 Wrightwood Ave., Chicago, Ills.—Receiving sets.

ISOLANTITE—General Inst. Co., 423 Broome St., New York City—Transformers.

ISOLANTITE—Isolantite Co., Belleville, N. J.

IT HAS NO WHISKERS — The Oscillaformer Co., 11 W. Illinois St., Chicago, Ills.

THE IVEYLINE—Southern Toy Co., Hickory, N. C.—Cabinets, desks, tables.

IXL—U. S. Battery & Electric Co., 2158 University Ave., Berkeley, Calif.—Cat whiskers.

J**JACKS, CORD TIP**

Able Tool & Engineering Company, West Elm St., Chicago, Ills. ATEC.

Alden Mfg. Company, Springfield, Mass. Phone Tip. NA-ALD Pair No. 12. 25c.

Union Radio Corp., 124 Sussex Ave., Newark, N. J. UNION RADIO CORPORATION. Radiotip jacks, 25c. a pair.

JACKS, PHONE PLUG

(single, double, multiple circuit, open, closed, automatic, etc.)

Adams Radio Mfg. Company, 1044 West Van Buren St., Chicago, Ills. Single and double circuit. Filament control and neutrodyne.

American Electric Company, States & 64th Sts., Chicago, Ills. AMERICAN ELECTRIC. 60c. to \$1.10.

Beacon Radio Manufacturing Company, 100 South 3rd St., Brooklyn, N. Y. BEACON.

The Blake & Johnson Company, Waterbury, Conn.

Chas. A. Branston, Inc., 815 Main St., Buffalo, New York. STANDARD, 5 styles. 50 cents to \$1.00.

Bronx Radio Equipment Company, 087 Courtlandt Ave., New York City. BRECO. Open, 60 cents; Single, 70 cents; Double, 85 cents.

Brooklyn Metal Stamping Co., 718 Atlantic Ave., Brooklyn, N. Y.

Carter Radio Company, 300 South Racine Ave., Chicago, Ills. CARTER HOLD TITE JACK. 10 types, 70 cents. to \$1.30; CARTER receptacle jack. (series) \$1.35 receptacle jack (parallel) \$1.00. "IMP" Jack (cordtip size) \$.30, CARTER PORTABLE JACK, \$.75.

Consolidated Instrument Company of America, Inc., 41 East 42nd St., New York City. CICO. Bakelite. No. 30 Single Circuit Open, 90 cents. No. 31, Single Circuit Closed, 95 cents; No. 32, Double Circuit, \$1.00. No. 33 "A" Battery Switches, \$1.00. CICO SUPER, No. 100, Single Circuit Open, 50c.; No. 101, Single Circuit Closed, 55c.; No. 102, Double Circuit Closed, 60c.; No. 110, single filament control, 65c.; No. 111, single closed filament control, 70c.; No. 112 double circuit filament control, 85c.

JACKS (Continued)

Martin Copeland Company, Providence, R. I. MAR-CO. 50 cents; 70 cents; 80 cents; 85 cents; \$1.00; \$1.25.

Tobe Deutschmann Co., 46 Cornhill St., Boston, Mass. JACKS. D. T. W.

James C. Doran & Sons, Inc., 150 Chestnut St., Providence, R. I. DORAN.

Dungan-Sternfield Radio Sales, Chicago, Ills.

Electrical City Novelty Mfg. Company, 126 Odell St., Schenectady, N. Y. RADJO. Anticapacity, 65c. to \$1.25.

Chas. Fischer Spring Company, 240 Kent Ave., Brooklyn, N. Y.

Forest City Rubber Company, 1276 Ontario St., Cleveland, Ohio. FOREST CITY.

Herbert H. Frost, Inc., 314 W. Superior St., Chicago, Ills. FROST-RADIO PAN-TAB. Nos. 224, 85c; 225, 85c; 226, 90c; 230, 85c. Radio frequency. No. 231, Double circuit, 80c; No. 223, Open circuit, 65c; No. 234, closed circuit, 75c; No. 235 Filament control, 85c; No. 236, Filament control, 90c; FROST RADIO. No. 923, Open circuit, 45c; No. 924, Closed circuit, 50c; No. 921 Double circuit, 60c; No. 925 Filament control, 65; No. 914, 4 spring radio frequency circuit, 65c; No. 915, 5 spring radio frequency circuit, 65c; No. 916, 6 spring radio frequency circuit, 70c; No. 926, Filament control, 70c; FROST RADIO JAC-BOX (four plug) Multi Jack, No. 501, \$2.50; FROST RADIO No. 251, loop jack, 75c; No. 250 with plug, \$1.50.

Forman & Company, 366 Greenwich St., New York City. UN-X-LD. Single, 22 cents; double, 28 cents.

L. F. Grammes & Sons, Inc., Jordan and Union Sts., Allentown, Pa. GRAMMES.

Harris and Birdseye, Inc., 25 Church St., New York City. ANTI-Capacity. HARCO.

Henry Hyman & Company, Inc., 476 Broadway, New York City. BERTONE. Closed Circuit, 50 cents, No. 730; Open Circuit, 45 cents, No. 731; Two Circuit, 65 cents, No. 732.

Jos. W. Jones Radio Manufacturing Company, 40 West 25th St., New York City. JOS. W. JONES. Anti-capacity, single filament, 85c; double filament, 90c; closed circuit, 70c; double circuit, 80c; open circuit, 60c.

JACKS

Keizer & Legrand Mfg. Company, So. Hadley Falls, Mass. Extension Cord.

Kellogg Switchboard & Supply Company, Chicago, Ills. 75 cents to \$1.25.

King Quality Products, Inc., Radio Division, Buffalo, N. Y. KING QUALITY. R-371, one spring, 60c; R-372-A, 2 spring, 70 cents; R-373, 3 springs, 80c; R-374, four springs, 90c; R-375, 5 springs, \$1.00; R-377, 7 springs, \$1.20.

Lee Electric & Mfg. Company, 220 Eighth St., San Francisco, Calif. LEMCO. Open circuit No. 1, 50c; closed circuit No. 2, 60c; double circuit No. 3, 70c; single filament control No. 4, 75c; double filament control No. 5, 80c.

Mazda Radio Manufacturing Company, 3411 Perkins Ave., Cleveland, O. Double circuit, 55c; open circuit, 40c; closed circuit, 45c; double filament control, 60c.

Merrick Labs., 283 Glenwood Ave., Bloomfield, N. J. 10 types, 50c. up.

Metro Electric Manufacturing Company, Inc., 121 Prince St., New York City. METRO NE PLUS ULTRA. Non-solder. Single, double.

Millimeter Machine Works, Inc., 542 West 22nd St., New York City. MILLIMETER. 35 cents to 60 cents.

Mohawk Electric Corporation, 2220 Diversey Blvd., Chicago, Ills. MOHAWK.

Pacent Elec. Co., Inc., 91 7th Ave., New York City.

Philmore Manufacturing Company, 105 Chambers St., New York City. AJAX.

Pilot Electric Mfg. Company, 323 Berry St., Brooklyn, N. Y. PILOT. Filament Control.

Ports Manufacturing Company, 3305 East Belmont Ave., Fresno, Calif. PRMCO. 40 cents to 50 cents.

Preferred Radio Prod. Corp., 412 E. 93rd St., New York City.

Premier Electric Company, Grace and Ravenswood Ave., Chicago, Ill. PREMIER UNIVERSAL.

The Saturn Manufacturing & Sales Company, Inc., 48 Beekman St., New York City. SATURN. 50 cents to 95 cents. All kinds.

The Sharp Spark Plug Company, Wellington, Ohio. SHARP. Anticapacity.

METRO ELECTRIC MFG. CO., Inc.
121 PRINCE ST. NEW YORK

MANUFACTURERS OF:
NON-SOLDER JACKS, COMPRESSION RHEO-
STATS, PUSH-PULL SWITCHES, "KEELOK"
SAFETY SWITCH, FIXED GRID LEAKS,
PILOT SWITCHES.

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JACKS, (Continued)

Sheffield Trimming and Stamping Company, 211 Centre St., New York City.

Simmons Manufacturing Co., 3405 Perkins Ave., Cleveland, Ohio. Double circuit, 55 cents; open circuit, 40 cents; closed circuit, 45 cents; double filament control, 60 cents.

Steele & Johnson Company, 779 S. Main St., Waterbury, Conn. S. & J.

Tillman Products Company, 187 W. 9th. St., Brooklyn, New York.

Wallace Barnes Company, Bristol Conn.

"X" Labs., 25 W. 45th St., New York City. X-LABS. Wall receptacle single and multi.

Yaxley Mfg. Co., Chicago, Ills. YAXLEY. Extension Jacks, Midget Jacks, Wall Socket Jacks.

JAYNXON—Jaynxon Laboratory, 57 Dey St., New York City—Crystals.

JEFFERSON — Jefferson Electric Mfg. Co., 428 S. Green St., Chicago, Ills.—Audio frequency, radio frequency and intermediate frequency transformers, battery switches, wireless spark coils.

JESSE—John O. Jesse Mfg. Co., Bryan, Ohio.—Tables, cabinets.

JEWEL—American Radio & Research Corp., Medford Hillside, Mass.—Receiving sets.

JEWELL—Jewell Electrical Instrument Co., 1640 Walnut St., Chicago, Ills.—Battery testers, indoor lightning arresters, approved outdoor type lightning arresters.

JEWETT—Jewett Radio & Phonograph Co., Pontiac, Mich.—Dials.

JIFFY—Apex Stamping Co., Riverdale, Ills.—Ribbon antenna, torches, soldering outfits, soldering irons, soldering flux, switches, sky hooks.

JIFFY—Premier Electric Co., Grace and Ravenswood Ave., Chicago, Ills.—Switches.

JIFFY—Radio Courses, Inc., 552 7th Ave., New York City—Cabinets.

"J-M"—Johns-Manville, Inc., 296 Madison Ave., New York City—Tape.

JUSTRITE

JOBBER AND DISTRIBUTORS
(for more complete data ask the Free Service Bureau of The Radio Dealer, 1133 Broadway, New York City)

Clark and Tilson, Inc., 552 7th Ave., New York City.

Pacific States Commercial Company, 443 So. San Pedro St., San Francisco, Calif.

Reichel Motor Supply Co., Macon, Mo.

H. B. Rogers Radio, Cainsville, Mo.

JOHNSTON—Johnston Tin Foil and Metal Co., 6106 S. Broadway, St. Louis, Mo.—Lead and composition tin foil.

JOHNS-PRATT—Johns-Pratt Co., Hartford, Conn.—Bakelite dials.

J. O. J.—John O. Jesse Mfg. Co., Bryan, Ohio—Tables, cabinets.

JOLLEY—Jolley Radio Co., 23 Washington St., New York City—Phonograph adapters, loud speakers, head phones, receiving sets.

JONES CONDENSER CLEANER—Howard B. Jones, 612 S. Canal St., Chicago, Ills.—Condenser cleaners.

JONES CABELUG — Howard B. Jones, 612 South Canal St., Chicago, Ills.—Battery cable and connecting block.

JONES FIDDLESTICK — Howard B. Jones, 612 So. Canal St., Chicago, Ill.—Vernier devices.

JONES MULTIPLUG—Howard B. Jones, 612 South Canal St., Chicago, Ills.—Battery cable and plug.

JOS. W. JONES—Jos. W. Jones, Radio Manufacturing Company, 46 W. 25th St., New York City — Vacuum tube sockets, switches, potentiometers, rheostats, receiving sets, variable condensers, variable grid leaks, jacks, plugs, kits, variocouplers.

JOVE—J. H. Bunnell & Co., 32 Park Place, New York City—Transformers, crystal detectors, transmitting keys, spark gaps, loose couplers.

JUSTRITE—Kay Radio Co., 364 39th St., Brooklyn, N. Y.—Condensers, tuners, variocouplers, binding posts, switch levers, contact points, etc.

RADIO SETS AND PARTS

Foreign buyers will find it convenient and economical to avail themselves of the Expert Services rendered by our highly trained Radio Department. We have been actively engaged in the Radio Business since its inception and are the Exclusive Export Distributors for leading American Radio and Electrical Manufacturers.



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Correspondence in foreign languages

K

KAKA

KAKA—Kaka Radio Co., Bellevue, Pa.—Lightning arresters.

KANTBLO—Kanter Mfg. Corp., 120 Broadway, New York City — Switches, binding posts.

KANT SHORT — Sherman Radio Distributing Corp., 112 Trinity Place, New York City—Variable condensers.

KANT-STICK—Scranton Glass Instrument Co., Inc., Scranton, Pa.—Battery testers.

KAPACITON — Meirowsky Bros., Inc., 11 McPherson Pl., Jersey City, N. J.—Fixed condensers.

KARAS—Karas Electric Co., 4042 North Rockwell St., Chicago, Ills.—Transformers, variable condensers, vernier dials.

KARDON — Kardon Products Co., Inc., New York City.—Transformers.

KARDON KOMPENTROL—Kardon Products Co., Inc., New York City.—Receiving sets, phonograph panels.

KARDON STANDARD — Kardon Products Co., Inc., New York City.—Receiving sets.

KARDON STANDARD UNITS — Kardon Products Co., New York City—Amplifiers, units.

KARLSON CABINET — Carlson Cabinet Works, 21 Market St., Jamestown, N. Y.—Cabinets.

KAY—Kay Radio Co., 364 39th St., Brooklyn, N. Y.—Five-in-one connectors, composition dials.

KAYLIN—Kahn Radio Co., 2225 3rd Ave., New York City—Receiving sets.

KARRYADIO—Armley Radio Corp., 68 Fleet St., Jersey City, N. J.—Receiving sets.

K-E—Kirkman Engineering Co., 484 Broome Street, New York City—Ground clamps, phonograph attachments, loud speaker units, loud speakers, lightning arresters.

KEELOK—Metro Electric Mfg. Co., Inc., 121 Prince St., New York City—Switches.

KEIZER KORDS—Keizer & Le-grand Mfg. Co., So. Hadley Falls, Mass.—Cords, wire.

KELFORD—American Specialty Co., 115 Holland Ave., Bridgeport, Conn.—Variable condensers.

KEYSTONE

KELBRAKET—Keller Co., 821 Market St., San Francisco, Calif.—Assembly units, mountings.

KELDOCTANCE—Keller Co., 821 Market St., San Francisco, Calif.—Tuning coils.

KELLNER—Haverford Co., 222 W. Madison St., Chicago, Ills. — Cabinets, wood.

KELLOGG—Kellogg Switchboard & Supply Co., Inc., 1066 W. Adams St., Chicago, Ills.—Contact points, contact stops, phonograph adapters, mountings, fixed condensers, switch contacts, telephone cords, flexible tinsel cord, tubing, transmitters, wire soldering lugs, miniature cartridge type special condensers, resistances, insulation, cords.

KENMAN—Kenman Electric Co., Inc., 454 Merrick Road, Lynbrook, New York—Receiving sets, lead-in strips, grid leaks, fixed condensers, grid leak mountings.

KENNEDY — Colin B. Kennedy Corp., 6400 Plymouth St., St. Louis, Mo.—Receiving sets, head sets, loud speakers, dials, variometers.

KENNEDY TUNER—T. J. Kennedy, 1360 University Ave., New York City—Tuners.

KENNEDY TYPE—Colin B. Kennedy Co., 6400 Plymouth St., St. Louis, Mo.—Sockets.

KESTER—Chicago Solder Co., 4201 Wrightwood Ave., Chicago, Ills.—Solder.

KEY CONTACTS (see Contacts)

KEYS, TRANSMITTING

Ajax Electric Company, 18 Palmer St., Cambridge, Mass. AJAX. Mounted, \$1.80; unmounted, \$1.30.

J. H. Bunnell & Company, 32 Park Place, New York City. DANDY. \$2.20; Dandy legless key, \$2.30; MASCOT, \$4.00; STANDARD, \$5.00 to \$8.50; DOUBLE SPRED telegraph key, \$5.00.

Signal Electric Mfg. Company, 1900 Broadway, Menominee, Mich. SIGNAL. R-48, \$2.80 and up; SIGNAL STANDARD, \$3.50 and up; SIGNAL OVER-LAND, \$5.50 and up.

Vibroplex Company, Inc., 825 Broadway, New York City. Semi-automatic.

THE KEY BOOK — All American Radio Corp., 2650 Coyne St., Chicago, Ills.—Books.

KEYSTONE—American Electric Co., 64th and State Sts., Chicago, Ills.—Head sets.

KEYSTONE

KEYSTONE—Electric Service Supplies Co., Philadelphia, Pa. — Lightning arresters, ground fittings

KEYSTONE — Keystone Products Co., 304 Gardenia Ave., Royal Oak, Mich.—Cat whiskers.

KEYSTONE—Keystone Radio Co., Greenville, Pa.—Receiving sets, sockets.

KEYSTONE —National Vulcanized Fibre Co., Wilmington, Del. — Vulcanized fibre, fibre parts.

KEY TO THE AIR—Stafford Radio Co., Milford Hillards, Mass.—Aerial.

KIC-O—Kimley Electric Co., Inc., 2665 Main St., Buffalo, N. Y.—“B” storage batteries.

KILBOURNE —Kilbourne & Clark Mfg. Co., 101 Spokane St., Seattle, Wash.—Wave traps, receiving sets, loud speakers, condensers, lock switches, jack plugs, rheostats, sockets.

KILLARK — Killark Electric Mfg. Co., 3940 Easton Ave., St. Louis, Mo. — Radio frequency transformers, audio frequency transformers.

KING QUALITY — King Quality Products, Inc., Rano & Welland Sts., Buffalo, N. Y.—Molded binding posts, dials, knobs, socket adapters, switch levers, variable condensers, inductance switches, jacks, plugs, contact points, neutrodyne sets, monophase sets, neutrodyne kits and monophase kits.

KING RHEO - SOCKET — King Ampli-Ttone, 82 Church St., New York City—Units.

KING TUT—Baughman Radio-Engineering Co., 1249 South Alvarado St., Los Angeles, Calif.—Receiving sets.

(for more complete data see various classifications for completed units)

KITS

A.—C. Electrical Mfg. Company, Dayton. **O. A.—C.** Dayton XL-5 Knockdown (Set) \$72.50. With mahogany cabinet.

Acme Apparatus Company, Cambridge, Mass. **ACMEFLEX KIT-SET.** Model A, \$50.00; Model S, \$75.00.

Aerovox Wireless Corp., 489 Broome St., New York City. **AEROVOX.** Resistance Coupled Amplifiers. No. 1. Three stages, \$4.50; No. 2, Three Stage Complete, \$5.50.

KITS

All American Radio Corp., 4201 Belmont Ave., Chicago, Ills. **KIT OF SUPER FINE PARTS.** \$26.00.

Consists of filter oscillator and 3 long wave transformers for Super-Het use. **ALL AMAX JUNIOR.** (1 tube). Receiving Set. Mounted Ready for wiring, \$22.00; **ALL AMAX SENIOR,** (3 tubes) Mounted ready for wiring, \$42.00.

American Specialty Company, 115 Holland Ave., Bridgeport, Conn.

Amsco Products, Inc., Fairbanks Bldg., Broome & Lafayette Sts., New York City. **MELCO.** Set.

Apex Electric Mfg. Company, 1410 West 59th St., Chicago, Ills. **APEX.** 7-Tube Microdyne Super-Heterodyne. \$97.50.

Baldwin Pacific Company, Pacific Bldg., San Francisco, Calif. **PACIFIC QUINTET.** Super Het Kit. \$15.00. Pacific Super Ranger Het Kit, shielded Type, \$20.00.

Bel-Tone Radio Co., 161 Jamaica Ave., Brooklyn, N. Y.

L. S. Brach Mfg. Company, 127 Sussex Ave., Newark, N. J. Aerial outfit. **BRACH DE LUXE SENIOR.** Type 223, \$5.50. **BRACH STORM GUARD.** Type 330, \$4.50. Storm King, \$4.00.

Charles A. Branston, Inc., 815 Main St., Buffalo, N. Y. **BRANSTON HETROLA.** 5 tube tuned radio frequency, wired complete, \$50.00.

Bremer-Tully Mfg. Company, 532 S. Canal St., Chicago, Ills. Nameless. **B. T. Kit** \$1, 3 3 circuit Transformers, \$10.50; **B. T. Kit,** \$3.00; Radio Frequency, Receiving Set. \$26.50.

Buell Mfg. Company, Cottage Grove & 38th St., Chicago, Ills. **BUELL.**

C. E. Jacobs, No. 2804 Kedzie Ave., Chicago, Ills. **MOLLIFORMER “B”** unit kit for current supply. Model F. W. 8, \$22.50.

Martin-Copeland Company, Providence. R. I. **RASLA MARCO.** 3 tube Reflex, \$37.50.

Danziger-Jones Inc., 25 Waverly Place, New York. **TELOS Kit.** Tuned Radio Frequency. **TELO-MONIC.**

Daven Radio Corp., 158 Summit St., Newark, N. J. **DAVEN, AMPLIFIER KIT.** Resistance coupled amplifier \$9.00.

DeWitt-La France Co., Inc., 54 Washburn Ave., Cambridge, Mass. Duplex Condenser & Radio Corp., 48 Flatbush Ave. Extension, Brooklyn, N. Y.

KITS (Continued)

Eagle Condensers, Inc., 858 Bedford St., Brooklyn, New York. **EAGLE**. Tuned Radio Frequency. \$10.00.

Electrical Research Labs., 2,500 Cottage Grove Ave., Chicago, Ills. **ERLA**. Erla Superflex Cir-kit Antenna 1-Tube \$19.50; 2-Tube, \$29.50; 3-Tube, \$39.50; 4-Tube, \$44.50; 5-Tube \$49.50; Loop, 199 5-Tube, \$49.50. Erla Balloon Circloid Kit (1 Coupler & 2 Transf.) \$12.00. Erla Balloon Circloid Kit, 3 Circloids and three Erla 15-Plate Variable Condensers. \$21.50; Erla Circloid Five Kit (Complete) \$49.50.

Electric Service Engineering Corp., 105 West 47th St., New York City. Set. **DYNODYNE**.

Emco Radio Products Company, Jamaica, N. Y. **EMCO**. Set. Condenser tuned radio frequency.

Farmer's Wireless Telephone Company, 157 Chambers St., New York City. Antenna.

Feri Radio Mfg. Co., 1167 Bedford Ave., Brooklyn, N. Y. **FERILO-LOSS** INDUCTANCE. \$2.50, \$3.00.

Forman & Company, 366 Greenwich St., New York City. **UN-X-LD**. Complete kit in display box. Detector and 2 stages, \$16.00. 5-Tube tuned radio frequency, \$18.00; 4-Tube tuned radio frequency, and regenerative if desired, \$17.00.

Chas. Freshman & Co., 240 W. 40th St., New York City.

Friedlander-Kopple Radio Service, 149 Church St., New York City. **WEL-BILT** Triple Circuit Kit, \$25.00.

Hanscom Radio Devices, Woonsocket. R. I. **SUPER UNIT**. Superheterodyne. S-C capacity element.

Kenneth Harkness Radio Corporation, 727 Frelinghuysen Ave., Newark, N. J. **HARKNESS REFLEX**. 3 tube counterflex Kit, \$36.00.

Hartford Metal Products Company, Hartford, Conn. **HARTFORD**. Antenna.

A. E. Hill Mfg. Company, 80 Magnum St., Atlanta, Ga. **HILCO-LOSS**. Tuned Radio Frequency. \$17.50. **HILCOFLEX**. Reflex transformer replacement kit; **SUPER-HILCO-DYNE**. \$30.00

Imperial Electric Manufacturing Company, 58 Columbia St., Newark, N. J. **PARADYNE**. (Balanced low loss Tuned Radio Frequency) \$20.00. **POLYDYNE**. Tuned Radio Frequency. **PURADYNE**. Tuned Radio Frequency.

Jos. W. Jones Radio Manufacturing Company, Inc., 40 West 25th St.,

KITS

New York City. **JOS. W. JONES**, 4 Tube Knock-down Receiver. \$50.

Kodel Radio Corp., 507 E. Pearl St., Cincinnati, Ohio. Logodyne Panel Assembled Kits, both front and subpanels assembled. Big Five, \$65.00; Standard Five, \$50.00.

Langbein & Kaufman, 511 Chapel St., New Haven, Conn. **SUPER SELECTOR KIT**—4 tube, \$60. 5 tube, \$65. **ELKAY**, 4 tube, \$70.00.

Lee Electric & Manufacturing Company, 220 Eighth St., San Francisco, Calif. **LEMCO**. No. 55 knock-down Two-Tube Reflex Kit, \$25.00.

Lincoln Radio Corp., 224 North Wells St., Chicago, Ills. **LINCOLN KITS**.

Marwol Radio Corp., 546 Broadway, New York City. **MARWOL HOME BUILDER**. \$35.00.

Mayolian Radio Corp., 1991 Broadway, New York City. **MAYOLIAN**. "B" supply.

Mississippi Valley Radio Company, 203 Pine St., St. Louis, Mo. **LAFAYETTE** 5-Tube tuned radio frequency, \$37.50.

Mohawk Electric Corp., Diversey at Logan Blvd., Chicago, Ills. **MOHAWK**. **KU-54**. Three gang condenser, three radio frequency coils, and dial.

Montrose Radio Laboratories, 1333 Fulton St., Brooklyn, N. Y. **M. R. L.** Low Loss Tuned Radio Frequency Kit, \$10.00.

National Company, Inc., 110 Brookline St., Cambridge, Mass. **NATIONAL REGENAFORMER** Kit containing Browning-Drake transformer, \$22.00.

J. Nazeley Company, 571 Hudson St., New York City. **ROBERTS CIRCUIT**.

Neutrowound Radio Mfg. Company, 1721 Prairie Ave., Chicago, Ills. **NEUTROWOUND**.

Phenix Radio Corporation, 114 E. 25th St., New York City. **ULTRADYNE MODEL 4-2 KIT**. R E L (in circle.)

Polymet Manufacturing Corp., 599 Broadway, New York City. **POLYMET**. Resistance coupled amplification kits.

Premier Electric Company, Grace & Ravenswood Ave., Chicago, Ills. **PREMIER**. "ENSEMBLE."

Radio Industries Corporation, 131 Duane St., New York City. **TROPADYNE**. 6 tube, \$28.75. Auto-balanced tuned radio frequency, \$16.50; Ricodyne Knockdown, \$38.75.

Radio Products, Inc., Richmond, Ind. **DIS-TON**. Complete \$28.50. Transformer filter unit, \$25.00.



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- Raven Radio Company, Albany, N. Y. **RAVEN.** Super Het Kit. Includes Filter, 3 I. F. Transformers, 3 Sockets, Wired; Binding Posts Oscillator, \$25.00.
- Richardson Radio, Inc., 128 University Place, New York City. **RICHARDSON.** Set.
- The Roycraft Company, 229 So. 4th St., Minneapolis, Minn. **ROYAL.** Aerial Equipment. Standard kit, \$3.50; Deluxe kit, \$5.00.
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- Shamrock Mfg. Company, 204 Waverly Ave., Newark, N. J. **SHAMROCK.** Tuned Radio Frequency, \$17.50. **SHAMROCK HARKNESS.** 2 Tube Reflex, \$30.00. 3 Tube Counterflex, \$35.00.
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- Spartan Electric Corp., 99 Chambers St., New York City. **SPARTAN RESIST-O-FORMER KIT.**
- Sunbeam Radio Sales Company, Inc., 350 W. 31st St., New York City. **AKRACY.** Super-Heterodyne.
- Telephone Maintenance Company, 20 So. Wells St., Chicago, Ills. **TELMACO P-1.** Complete \$80.00. **TELMACO PORTABLE,** \$80.00.
- Tridot Electric Company, Inc., 16 Hudson St., New York City. **TRIDOT.** Resistor coupled amplifier.
- The George W. Walker Co., 6520 Carnegie Ave., Cleveland, O. **VICTOREEN RADIO PRODUCTS.** Super Heterodyne. Type Sup. \$37.00; Type O M, 5 coils, \$33.50.
- The William A. Welty Company, 36 South State St., Chicago, Ills. Superheterodyne Kit.
- KITS, AERIAL (see Aerials)**
KITS, RECEIVING SETS (see sets, receiving)
- K. K. — Kurz-Kasch Co., Dayton, Ohio—Molded insulation.
- KLANTZ**—The Klantz Radio Co., 2324 No Sawyer Ave., Chicago, Ill.—Transformers.
- KLEARTONE**—Twin Cell Battery Co., 11400 Madison Ave., Cleveland, Ohio—Batteries, 'B' dry cell.
- KLEERTONE** — Kleertone Radio Corp., formerly Nat'l. Radio Outlet Co., 298 Church St., New York City—Loud speakers.

KNOBS

- KLEIN**—Mathias Klein & Sons., 3200 Belmont Ave., Chicago, Ills.—Tool kits.
- KLERETONE**—Liberty Metal Products Co., Berea, Ohio. — Loud speakers.
- KLIEGL BROS.**—Universal Electric Stage Lighting Co., Inc., 321 W. 50th St., New York City—Connecting straps.
- KLINGENHAFFER** — Klingenhafer Bros., 126 N. 52nd St., Philadelphia, Pa.—Tuners and tuning coils.
- KLITZEN**—Klitzen Radio Mfg. Co., 401 Lake Ave., Racine, Wis.—Receiving sets.
- KLOSNER**—Klosner Radio Corp., 1022 E. 178th St. New York City—Potentiometers, dials, rheostats.
- KNOBS**
- American Electric Company, Inc., 22 Prospect St., Newark, N. J. **AMEROID.**
- American Hard Rubber Co., 11 Mercer St., New York City. **RADION.**
- American Insulator Corp., New Freedom, Pa. **AICO.** Bakelite
- American Insulator Corp., 52 Vanderbilt Ave., New York City.
- Auburn Button Works, Inc., Auburn, N. Y.
- Ballston Insulating and Composition Company, Ballston, Spa., N. Y. Plain and Arrow, Vernier, Binding Post, Plan and Engraved, Rheostat, Vernier Condensers.
- H. H. Eby Manufacturing Company, Philadelphia, Penna. Binding post, **ACE JUNIOR.** 3 cents; 4 cents.
- Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ills. **ERLA.** Bakelite. 25c.
- Federated Manufacturers' Corporation, 905 Mission St., San Francisco, Calif. **FEDROLIAN.**
- General Insulate Company, 1008 Atlantic Ave., Brooklyn, N. Y. **INSULATE HI-HEET.**
- General Radio Company, 30 State St., Cambridge, Mass. **GENERAL RADIO CO.** Type 137 D. 35c; Type 137 J. 25c.
- Lee Electric & Mfg. Company, 220 Eighth St. San Francisco, Calif. **LEMCO** K1001-K1002-K1003-K1004 all 25c.
- Luzerne Rubber Company, Trenton, N. J. Hard Rubber. **LUZERNE.**
- Frank W. Morse Company, 289 Congress St., Boston, Mass. Insulated 3 cents to 75 cents.
- Moulded Products Corp., 549 W. 52nd St., New York City. Bakelite.

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N. Y. Hard Rubber Turning Company, 212 Centre St., New York City. RADION.

Parkin Manufacturing Company, San Rafael, Calif. PARKIN. PEAK OF PERFECTION. Bakelite. No. 79.

The Recto Mfg. Company, 23 West 3rd St., Cincinnati, Ohio. RECTO.

Shaw Insulator Company, 150 Coit St., Irvington-Newark, N. J.

John F. Walsh & Company, 393 7th Ave., New York City. Bakelite & Shellac composition. WATERTOWN. RAWSON.

Watertown Mfg. Company, Watertown, Conn. WATERTOWN.

"X" Labs., 25 West 45th St., New York City. X-X LABS. Black, green, red, Bakelite, 25c.

Yaxley Mfg. Co., Chicago, Ills. Rheostat.

KNOCK DOWN UNITS (see classification for unit desired)

KNOCKOUT—Radio Broadcast, Garden City, N. Y.—Circuits.

THE KNOTT LOUD SPEAKER—L. E. Knott Apparatus Co., 79 Amherst Street, Cambridge, Station, Boston, Mass.—Loud speakers.

KOLD-OR HOT UTILITY GLASS—200 Fifth Ave., New York City—J. E. Marsden Glass Works, Inc.

L

LAB—Labidite Radio Products, 121 E. 40th St., New York City—Fixed crystal detectors.

LABIDITE — Labidite Radio Products, 121 E. 40th St., New York City—Crystal receivers.

LACANITE — Scranton Button Co., Scranton, Pa.—Molded insulation.

LACQUERS

Globe Chemical Company, Murray Rd., and Big Four R. R., St. Bernard, Cincinnati, Ohio. Metal. \$1.50 to \$3.50 per gallon in drums.

Waukegan Chemical Company, Waukegan, Ills. BREUOKKRAK. Lacquers. Enamels.

LAFAYETTE—The Kor-rad Co., Inc., 151 East 58th St., New York City—Receiving sets.

LAFFITTE—Simplex Telephone & Radio Mfg. Co., 201 Inspector St., Montreal, Canada — Headphones, apparatus.

LAKESIDE—Lakeside Supply Co., 73 West Van Buren St., Chicago, Ills.—Receiving sets, tone arms,

LARK

KODEL—Kodel Radio Corp., 120 W. Third St., Cincinnati, Ohio—Audio frequency amplifiers, receiving sets.

KOLSTER—Federal Telegraph Co., Hobart Bldg., San Francisco, Calif.—Receiving sets, loop aerials.

KONTAX—Autoveyors, Ltd., 82 Victoria St., Westminster, London, England.—Pin and fork tags.

KORACH TUNED LOOP—Kuman-sno-Korach Mfg. Co., 309 S. La Salle St., Chicago, Ill.—Aerials.

KORKER—Korker Products Co., 46 Lexington Ave., Brooklyn, N. Y.—Hand tools, bus bar bending tools.

KRAUSE—Hoffman Type & Engraving Co., 114 East 13th St., New York City—Embossing and graving machines.

KRYSTALCEPTOR — Audio-Tone Radio Co., 2831 Middletown Road, New York City—Receiving sets.

KRYSTLKOILS—A. E. Hill Mfg. Co., Atlanta, Ga.—Crystal set coils.

KUVI-WAY—Meyercord Co., 133 W. Washington St., Chicago, Ill.—Name plates.

K-W (in circle)—The K-W Ignition Corp., 2811 Chester Ave., Cleveland, Ohio—Rolled condensers, windings, bakelite molding.

KWIK-LITE—The Usona Manufacturing Co., Inc., 103 East 125th St., New York City—"B" batteries.

K & B—Kilbourne & Bishop Co., 196 Chapel St., New Haven, Conn.—Hand vises.

cabinets, loud speakers, loud speaker test cables.

LAMINITE—Meirowsky Bros. Inc., McPherson Pl., Jersey City, N. J.—Tubing.

LANE—Lane Mfg. Co., 2941 W. Lake St., Chicago, Ills.—"B" storage batteries, "B" battery eliminators.

LANDIS—Landis Eng. & Mfg. Co., Waynesboro, Pa.—Battery chargers.

LANGBEIN & KAUFMAN — The Langbein-Kaufman Radio Co., New Haven, Conn. — Transformers, couplers, variocouplers, variometers, tuners, tuning coils.

LAP—Labidite Radio Products, 121 E. 40th St., New York City—Crystals.

LARK—Leich Electric Co., Genoa, Ills.—Headphones.

LARK—Stentorfone Co., 784 Ceres Ave., Los Angeles, Calif.—Loud speakers.

LASCO

LASCO—Los Angeles Sales Co., Inc., 121 W. 6th St., Los Angeles, Calif. A. C. Current supply, 2-tube reflex receiver.

LATERAL WOUND — Chas. A. Branston, Inc., 815 Main St., Buffalo, N. Y.—Honeycomb inductance coils.

LAVA — American Lava Corp., Chatanooga, Tenn.—Molded insulation.

LAVA (see Resistances; Insulators; Bases, etc.)

LAVAROCK — M. Kirchberger & Co., Inc., 1425 37th St., Brooklyn, N. Y.—Insulators.

LEACH—Leach Relay Co., 507 Mission St., San Francisco, Calif.—Key contacts, relays.

LEAD-IN-SULATORS — The Federal Porcelain Co., Carey, Ohio—Insulators.

LEAD-IN-SULATOR— Philadelphia Rust Proof Co., Montgomery Ave. at Howard St., Philadelphia, Pa.—Bracket insulators.

LEAD-INS

Ajax Electric Company, 18 Palmer St., Cambridge, Mass. **NEW-WAY**. Antenna. 35c.

Amoroso Manufacturing Company, 14 Sears St., Boston, Mass. **NIFTY**. Lead-in. 20c.

Belden Mfg. Company, 23rd St., & Western Ave., Chicago, Ills. **BELDEN**.

L. S. Branch Manufacturing Company, 127 Sussex Ave., Newark, N. J. **BRACH**. Power Control.

Eagle Electric Manufacturing Company, 38 S. 8th St., Brooklyn, N. Y. **EAGLE**. Window.

Electrad, Inc., 428 Broadway, New York City. **Electrad**, 40 cents.

The Federal Porcelain Company, Carey, Ohio. **FEDCO**.

M. M. Fleron & Son, Inc., 113 North Broad St., Trenton, N. J. **Window**.

Hearwell Electric Co., 53 Devonshire St., Boston, Mass. **Window-lead-ins**, \$.50; \$.25, and \$.10.

Mast Lightning Rod Company, Lock Box 41, West Milton, Ohio. **MAST UNDER THE WINDOW LEAD-INS**.

Morris Register Company, Council Bluffs, Iowa. **MORRIS**.

The M. & M. Company, Cleveland, Ohio. **M. & M.** Ground leads.

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John J. Mucher, 109 Lafayette St., New York City. **MUCHER**.

PERMANCO Mfg. Corp., 114 De Kalb Ave., Brooklyn, N. Y. **Window Lead Ins.** **PREMO & LENZ**. **NO LOSS**. Type E. S.

Rodale Mfg. Company, 492 Broome St., New York City. **RODALE**. Aerial, window.

Tridot Electric, Inc., 16 Hudson St., New York City. **TRIDOT**. Window, riveted-clip type.

THE LEADER—Victor Radio Corp., 4321 North Western Ave., Chicago, Ills.—Phonograph attachments, loud speakers.

LEAKS (see Grid leaks)

LEATHERETTE — Xcluso Auto Trunk & Specialty Corp., 1819 Broadway, New York City — Cabinets, fabric or leather covered.

LEATHERWEAR—Leatherwear Co., Inc., Middletown, N. Y.—Leather headbands.

LECO—Lee Bros. & Co., 605 N. Walnut St., Champaign, Ills.—Receiving sets, cabinets, transformers, loud speakers.

LEESONA—Universal Winding Co., Providence, R. I.—Electrical coil winding machinery.

LEFAX—Lefax, Inc., 9th & Sansom Sts., Philadelphia, Pa.—Radio handbooks, logs.

LEGAL—Legal Tender Mining Syndicate, Idaho Springs, Colo.—Steel, Galena oil.

LEHIGH — Bonney Forge & Tool Works, Allentown, Pa.— Bench vises.

LEICH—Leich Electric Co., Genoa, Ills.—

LEMCO—Lee Electric & Mfg. Co., 220 8th St., San Francisco, Calif.—Audion sets, crystal sets, couplers, variable condensers, kits, tuners, tuning coils, mounted crystals.

LEMOR—Le Mor Radio Co., Asbury Park, N. J.—Receiving sets.

LENFORD SUPREME — Lenford, Inc., 410 W. 27th St., New York City—Receiving sets.

LENK—Lenk Mfg. Co., 20 Merrimac St., Boston, Mass.—Blow torches.

LENZ—Permanco Mfg. Co., 1114 De Kalb Ave., Brooklyn, N. Y.—Lead-ins.

LENZ DUPLEX ANTENNA—Permanco Mfg. Co., 1114 De Kalb Ave., Brooklyn, N. Y.—Aerials.

LENZ

LENZ-NO LOSS—Permanco Mfg. Corp., 1114 DeKalb Ave., Brooklyn, N. Y.—Lead-ins.

LENZ GROUND HOGS—Permanco Mfg. Co., 1114 De Kalb Ave., Brooklyn, N. Y.—Ground connections.

LE ROY—The Radio Shop, 303 S. 18th St., Omaha, Nebr.—Receiving apparatus, crystals, radio frequency sets.

LESTEIN—Lestein Corp. of America, 2 Broadway, New York City.

LESTER—Lester Radio & Elec. Shop, 140 S. Spring St., Los Angeles, Calif.—Head sets.

LESTRON—Lestein Corp. of America, 2 Broadway, New York City. 110 volt vacuum tubes.

LETTERS AND FIGURES (see Engravings)

LEVERS (see Switch parts)

LIBERTY—Liberty Electric Corp.—Stamford, Conn.—Super hetrodyne kits, battery chargers.

LIBERTY—Liberty Transformer Co., Inc., 123 N. Sangamon St., Chicago, Ills. — Receiving sets, terminals, transformers, kits.

LIBERTY—Liberty Works, 200 Fifth Ave., New York City—Soldering irons.

LIBERTY BATTERY CO.—Liberty Battery Co., 204 S. Center St., Pottsville, Pa.—“B” Storage batteries.

LIGHTING SOCKET ADAPTERS (see Current supply devices; Aerials)

LIGHTNING ARRESTERS (indoor and outdoor types)

LIGHTNING ARRESTERS

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Alpha Radio Supply Company, Inc., Cable Bldg., 621 Broadway, New York City. **ALPHA-GRAY.** 50c.

American Electric Company, 64th and State Sts., Chicago, Ill. **BURNS.** \$1.00.

The Barkley Manufacturing Company, Middle town, Ohio. No. 606 Vacuum Type.

L. S. Brach Mfg. Company, 127, Sussex Ave., Newark, N. J. **STORM KING.** Lightning arrester. Outdoor; indoor; vacuum type.

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Essex Manufacturing Company, Newark, N. J. **SENTINEL.** \$1.00.

M. M. Fleron & Son, Inc., 113 N. Broad St., Trenton, N. J. **FLERON.** Black porcelain, black glass, \$1.10. Refillable.

Heinemann Electric Company, 1730 North 5th St., Philadelphia, Penna. **SENSORY.** No. 3041, \$1.25; No. 3016, \$2.00.

U. T. Hungerford Brass & Copper Company, 80 Lafayette St, New York City

Jewell Electrical Instrument Company, 1640 Walnut St., Chicago, Ills. **JEWELL.**

Kirkman Engineering Corp., 484 Broome St., New York City. **K E.**

Mohawk Electric Corp., Diversey at Logan Blvd., Chicago, Ills. **MOHAWK.**

Leslie F. Muter Company, 76 Greenwood Ave., Chicago, Ills. **GUARDIAN LIGHTNING ARRESTER.** \$1.00. **MUTER ARRESTER,** Air gap type, suitable for outdoor or indoor use. 50c.

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Simplex Radio Company, Rector St., West of Main St., Manayunk, Philadelphia, Penna. **SIMPLEX.** \$1.50.

Teleradio Engineering Corp., 490 Broome St., New York City. **TELERADIO.** \$1.00.

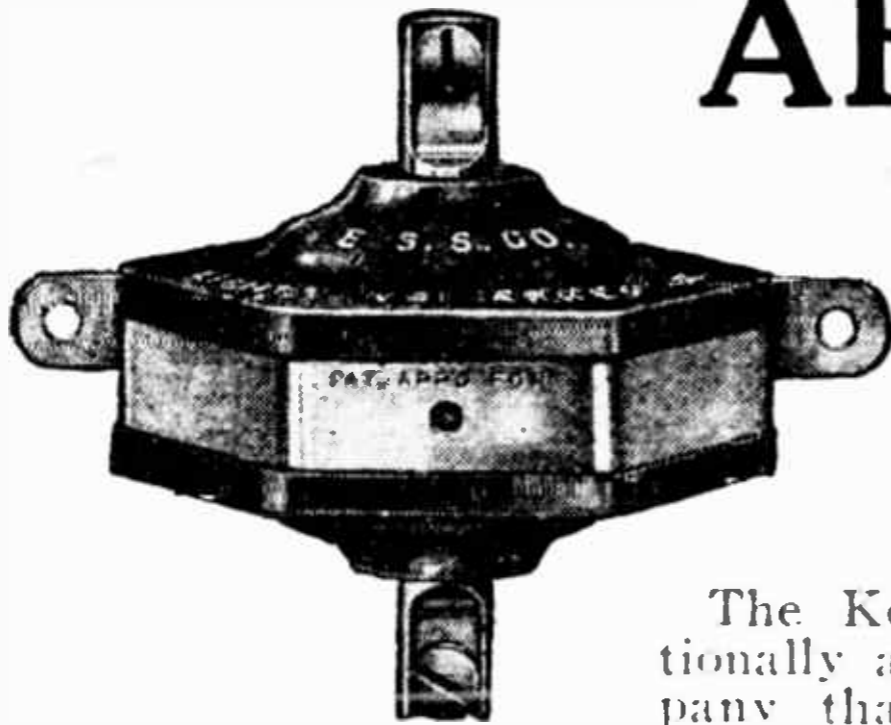
The Trenle Porcelain Company, East Liverpool, Ohio. **THE TRENLE. STORM PROOF.**

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- LINCOLN**—Lincoln Radio Tube Co., 37 Walker St., New York City—Vacuum tubes.
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- LINCOLN-KIT** — Lincoln Radio Corp., 224 N. Wells St., Chicago, Ills.—Kits.
- LINCOLN TUNER**—Lincoln Radio Corp., 224 N. Wells St., Chicago, Ills.—Tuners.
- LIQUID**—Neumade Products Corp., 249 W. 47th St., New York City.—Insulation.
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- LITEWATE**—Premier Electric Co., Grace and Ravenswood Ave., Chicago, Ills.—Head sets.
- LITTLE-AERIALS**—J. P. Little Co., 409 Merchants Exchange Bldg., St. Louis, Mo.—Aerials.
- LITTLE GEM**—Metro Electric Co., Inc., 67 Goble St., Newark, N. J.—Receiving sets.
- LITTLE GEM**—Pal Sales Corp., Summit Ave. and Hague St., Jersey City, N. J.—Crystal sets.
- LITTLE GEM** — Triangle Electro Trading Co., 632 Broadway, New York City—Head sets.
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- LITTLE GIANT**—Metro Electrical Co., Inc., 67 Goble St., Newark, N. J.—Crystal sets.
- LITTLE HANDY**—Lenk Mfg. Co., 20 Merrimac St., Boston, Mass.—Soldering irons.
- LITTLE JOE**—Circle F. Mfg. Co., Trenton, N. J.—Insulators.
- LITTLE JOE**—E. H. Freeman Elec. Co., 10 Prince St., Trenton, N. J.—Lightning arresters.
- LITTLE SPITFIRE**—Tower Manufacturing Corp., 98 Brookline Ave., Boston, Mass. — Headsets, loud speakers.
- LITTLE TATTLER** — Marinette Electric Corp., 1205 Pierce Ave., Marinette, Wis.—Crystal receiving sets, head sets.
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- LITTLE WONDER**—Trimm Radio Mfg. Co., 24 S. Clinton St., Chicago, Ills. — Phonograph attachments, loud speakers.
- LOGODYNE**—Kodel Radio Corp., Cincinnati, Ohio—Receiving sets.
- LOGS** (see Books)
- LOMBARDI**—Lombardi Radio Mfg. Co., 67 Minerva St., Derby, Conn.—Dials.
- LONG**—Lincoln Radio Corp., 224 N. Wells St., Chicago, Ills. — Kits, tuners.
- LONG DISTANCE** — McConnell Cable & Specialty Co., 426 S. Clinton St., Chicago, Ills.—Variocouplers, variometers, inductance coils.
- LONG DISTANCE** — Zenith Radio Corp., 332 S. Michigan Ave., Chicago, Ills.—Receiving sets.
- LONGORIA "8"**—The Sterling Electrical Corp., W. 28th St. and Church Ave., Cleveland, Ohio—Receiving sets.
- LONGORIA**—The Sterling Electrical Corp., West 28th St. and Church Aves., Cleveland, Ohio—Audio and radio frequency transformers, receiving sets.
- LOOP AERIALS** (see Aerials)
- LOPEZ**—A. C. Lopez & Co., 40 W. 33d St., New York City—Tuners.
- LOPEZ**—Radio Engineering Laboratories, 27 Thames St., New York, N. Y.—Tuners and Tuning Coils.
- LORAIN**—Lorain Radio Supply Co., Lorain, Ohio—Variocomplers.
- Newark, N. J.—Lightning protectors.
- LOUD SPEAKERS**
(Horn, disc, cabinet type, etc.)
- Acme Apparatus Company, 186 Massachusetts Ave., Cambridge, Mass. **ACME REPRODUCER.**
- Adler Mfg. Company, Inc., 881 Broadway, New York City.
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- Aerial Guitar Co., 75 Fifth Ave., New York City. AERIAL GUITAR.** \$48.00.
- Ambassador Sales Co., 108 Greenwich St., New York City. **AMBASSADOR.**
- American Electric Company, State & 64th Sts., Chicago, Ills. **BURNS.** With horn. \$22.50 to \$35.00.
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The Heavy Duty Loud Speaker

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Our unit adapted as standard equipment by Canadian Marconi Co., Eagle Radio Co., Gold Medal Radio and Phonograph Co., and many others.



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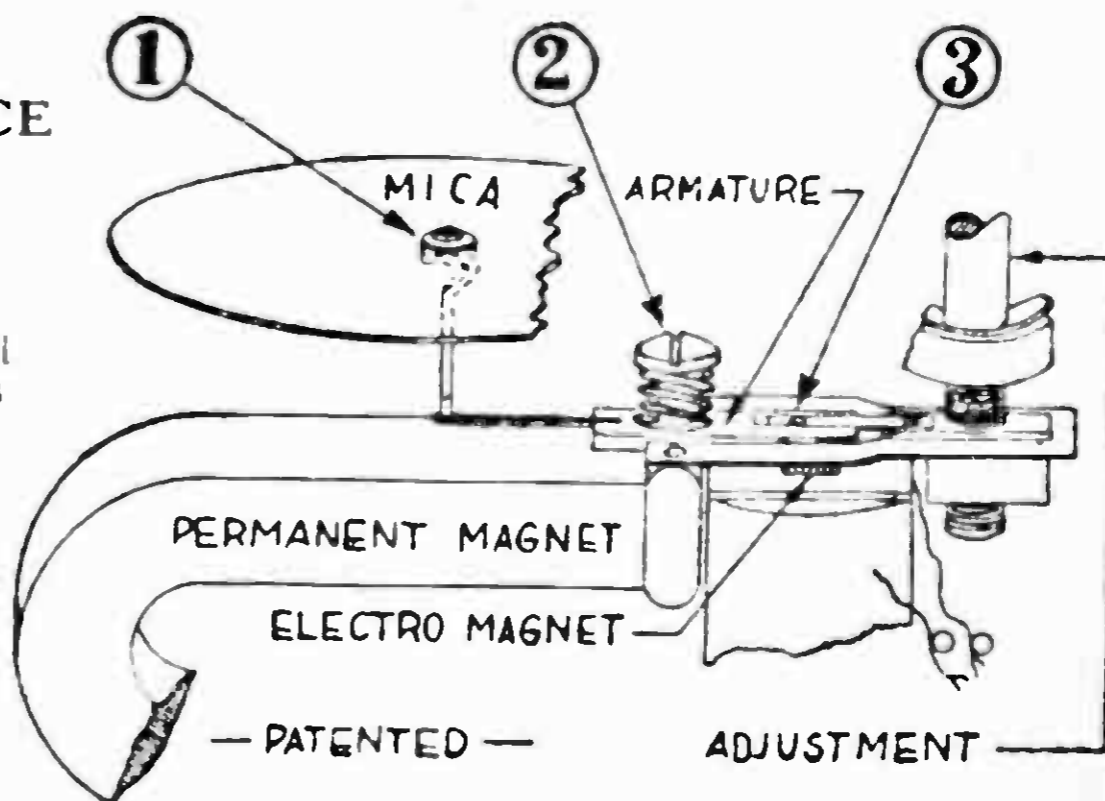
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American Mechanical Labs., Inc., 285 No. 6th Street, Brooklyn, N. Y. A. M. L.

The Amplion Corp. of America, 280 Madison Ave., New York City. AMPLION. Loud Speakers.

Apex Electric Mfg. Company, 1410 West 59th St., Chicago, Ills. APEX ENTERTAINER. \$22.50.

Astral Radio Corporation, 1257 North Broad St., Philadelphia, Penna. TONE THROAT. Complete with adjustable unit. \$25.00.

Atlas Colonial Corp.; East Ave., & 10th St., Long Island City, N. Y. ATLAS No. 104, \$18.00; ATLAS Cabinet, \$18.00; ATLAS Shell Speaker, No. 201, \$25.00; S. R. S. \$10.00.

Atwater Kent Mfg. Co., 4720 Wis-sahickon Ave., Philadelphia, Pa.

Baker-Smith Company, Inc., Call Bldg., San Francisco, Calif. SYLFAN. ROLA RECREATOR.

Bel-Canto Radio & Tel. Equip. Co., Inc., 872 Broadway, New York City.

I. A. Bennett & Company, 112 W. Adams St., Chicago, Ills. AUDITORIUM. Porcelain. \$25.00.

Berg Auto Trunk & Specialty Company, Thompson Ave., Long Island City, N. Y. BERG ARTONE. Concert Grand Model, \$35.00. Studio Model. \$25.00.

Blood Tone Arm Company, 222 West Madison St., Chicago, Ill. SPEAKEROLAS.

Henry G. Boselli, 118 So. Second St., Lakeview, N. J. Mahogany Cabinet. Loud Speakers, \$15.00.

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Columbia Mantel Company, 175 Powers St., Brooklyn, New York, Cabinet type.

Como Apparatus Company, Manchester, N. H. COMO-DUPLEX.

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Crosley Radio Corp., Cincinnati, Ohio. MUSICONE, \$17.50. MUSICONE DE LUX7, \$27.50.

Curtis-Leger Fixture Co., 235 W. Jackson Blvd., Chicago, Ill.

Tobe Deutschmann, Co., 46 Cornhill, Boston, Mass. DTW.

Eastern Electric Company, 181 Chestnut St., Newark, N. J. EASTERN.

Electric Industries Mfg. Company, 326 West 41st. St., New York City. ULTRA. \$45.00.

Electrical Products Manufacturing Company, 69 Sprague St., Providence, R. I. DYMAC, \$8.50.

Evolution Phone Company, Inc., 221 East 124th St., New York City. TONEMASTER, 1200 ohm, \$12, \$15 and \$25. Patent.

Exceltone Radio Sales Company, 344 East 32nd St., New York City. EXCELTONE. Gooseneck. \$10.00.

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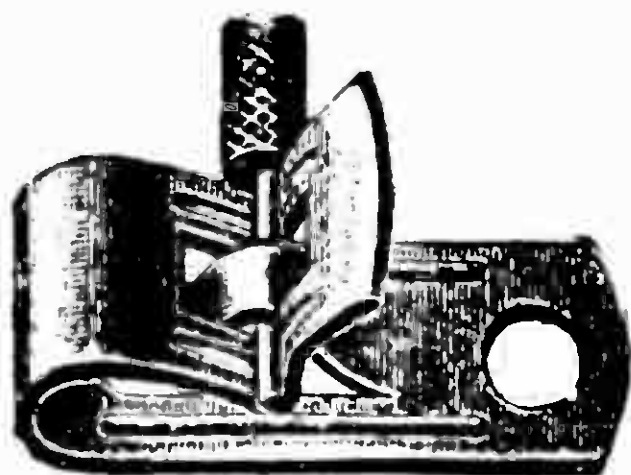
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New York City

MACHINERY (Continued)

Oliver Machinery Company, 1025 Clancy Ave., Grand Rapids, Mich. **OLIVER.** Woodworking. Factory.

Pratt & Whitney Company, Hartford, Conn. **PRATT.** Hand Reamer.

Purox Company, 828 17th St., Denver, Colo. Transport and storage containers for liquid air.

Radio Electrical Works, 23 Union Square, N. Y. City. **VACUUM TUBE.** Vacuum Tube and equipment, high bombarding machines.

Radio Production Machinery Company, 212 Center St., New York City. Winding, coil and fixed condenser.

Reed-Prentice Company, Worcester, Mass. Engraving.

F. J. Stokes Machine Company, Olney Station, Philadelphia, Penna. (Presses for pre-forming bakelite articles.) Impregnating apparatus, bakelite measuring machines. Factory.

C. F. Williams Engraving Machinery Company, 38 Chardon St., Boston, Mass. Brass and steel engraving.

MACHINERY, PANEL ENGRAVING

Branch Tool Company, Providence, R. I. \$135.00.

Engravers & Printers Machinery Company, Jermain Avenue, Sag Harbor, N. Y.

George Gorton Machine Company, Racine, Wisc.

Hoffman Type Engraving Company, 114 E. 13th St., New York City. **PANTOGRAPH** for panel engraving. **KRAUSE** Machines.

H. P. Preis & Company, Inc., 13 Campbell St., Newark, N. J. **DECKEL ENGRAVING MACHINES.**

Roselle Mfg. Company, 227 E. 9th Ave., Roselle, N. J.

MACHINE WINDING

Belden Mfg. Company, 23rd St., & Western Ave., Chicago, Ills. **BELDENITE.**

Morris Register Company, Council Bluffs, Iowa. **MORRIS.**

Radio Production Machinery Co., 212 Center St., New York City.—Coil winding machinery.

MACLAREN "FOUR"—Cristol Elec. Co., 31 E. Jackson Ave., Corona, L. I.—Receiving sets.

MACKONTROL—Mack Co., 1810 Market St., Philadelphia, Pa.—Protectors for tubes.

MACFADDEN—Macfadden & Co., 22nd and Arch St., Philadelphia, Pa.—"B" current supply units.

MAGNUS

MACHEN — Machen Electric Mfg Co., 4639 East Thompson St., Philadelphia, Pa.—Vacuum tube sockets, rheostats.

MACK SPRING AERIAL—Mack Co., 1810 Market St., Philadelphia, Pa.—Indoor spring.

MADERA—Compressed Wood Corp., 345 W. Austin Ave., Chicago, Ills.—Loud speakers.

MADERA CLEAR SPEAKER — Compressed Wood Corp., 345 W. Austin Ave., Chicago, Ills.—Loud speakers.

MAGIC—Henry C. Roberts Radio Co., 112 Trinity Place, New York City—Phone plugs.

MAGNADYNE — Windsor Radio Corp., Minneapolis, Minn.—Receiving sets.

MAGNATRON—Conneway Electric Lab., Hoboken, N. J.—Vacuum tubes.

MAGNATRON REX — Conneway Electric Labs., Hoboken, N. J.—Rectifier bulbs.

MAGNAVOX—Magnavox Co., 2725 E. 14th St., Oakland, Calif.—Reproducers, microphone transmitters, phonograph attachments, power amplifiers, loud speakers, tubes.

MAGNAVOX RADIO — Magnavox Co., 2725 East 14th St., Oakland, Calif.—Receiving sets.

MAGNAVOX TELEMEGAPHONES —The Magnavox Co., 2725 East 14th St., Oakland, Calif.—Phonograph attachments.

MAGNETIZERS

American Electric Company, State & 64th Sts., Chicago, Ills. **HERCULES.** \$20.00.

Fore Electrical Mfg. Company, Inc., 5255 N. Market St., St. Louis, Mo. **FORE.** Type V, \$10.00; Type R, \$12.00.

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Hercules Electric Steel Company, 137 Lafayette St., New York City. Magnet Steel.

MAGNET WIRE (see Wire)

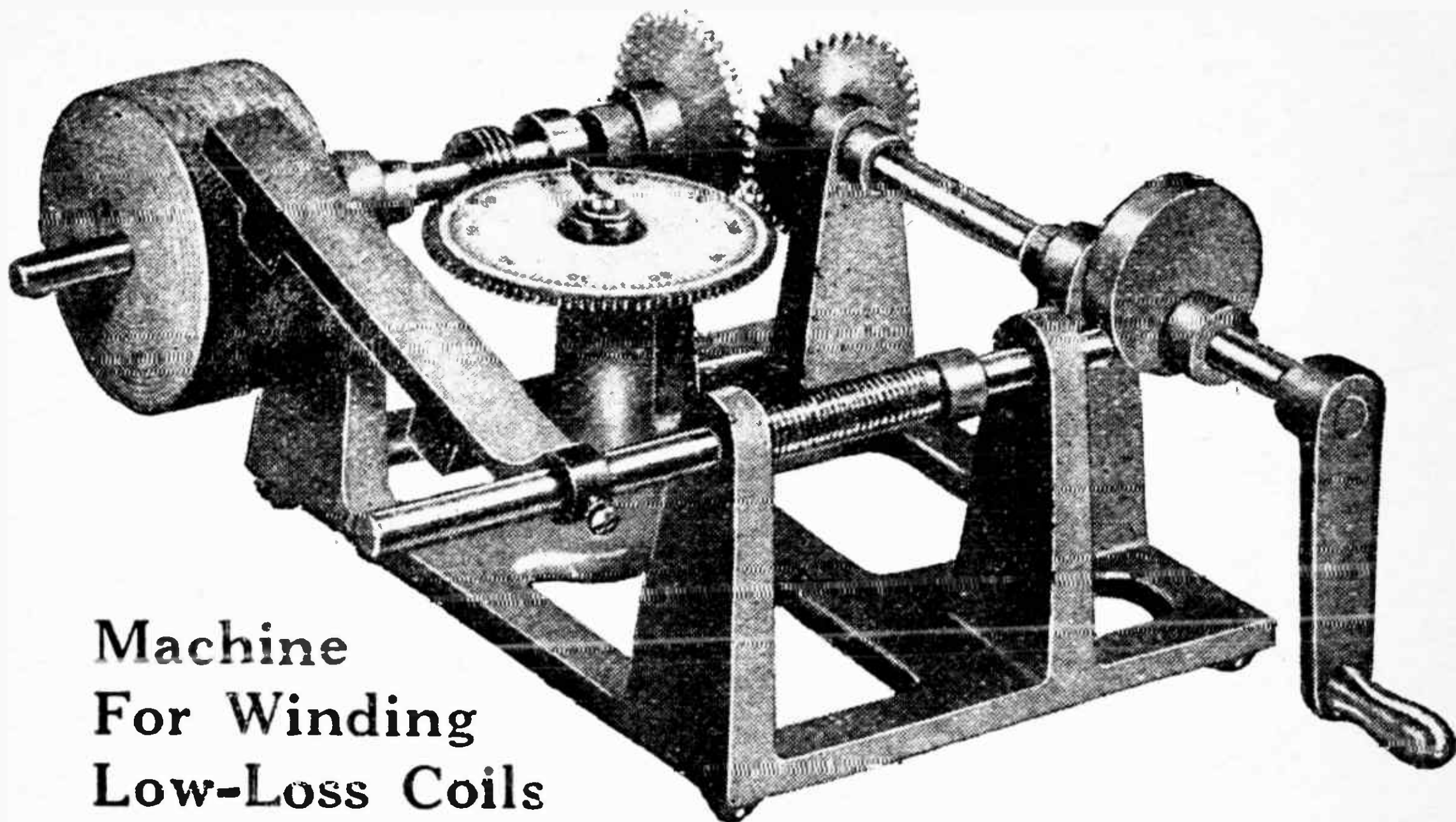
MAGNETS

D. K. Bullens, Pottstown, Penna. **HOT FORGED RADIO MAGNETS.** Permanent.

Eastern Electric Company, 53 W. Chestnut St., Newark, N. J.

MAGNITE—New Jersey Radio Supply Co., 76 Springfield, Ave., Newark, N. J.—Crystals, loud speakers.

MAGNUS—Magnus Electric Co., 787 East 138th St., New York City—Plugs, potentiometers, switches, brass rods, rheostats, outdoor



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lightning arresters, potentiometers, wave traps, solderless bus wire connectors, switch controls, dials, binding posts, fixed condensers, variable condensers, contact points, variable grid leaks, insulators, jacks, knob and dial mountings, transformers, vernier devices.

MAGNUTROL — Magnus Electric Co., 787 E. 138th St., New York City—Receiving sets.

M A H—Marko Storage Battery Co., 1402 Atlantic Ave., Brooklyn, N. Y.—Batteries "B" storage.

MAILING LISTS

Trade Circular Addressing Company, 166 W. Adams St., Chicago, Ills.

MAIN—Main Electric Co., Cleveland, Ohio.—"A" and "B" batteries, receiving sets, battery chargers.

MAIN—Main Storage Batteries, Inc., 7016 Euclid Ave., Cleveland, Ohio—"A" storage batteries, "B" storage batteries, battery chargers.

MAJESTIC REPRODUCER — Grigsby-Grunow-Hinds Co., 4540 Armitage Ave., Chicago, Ills.—Loud speakers.

MAJOR TUNER—Bel-Tone Radio Co., 161 Jamaica Ave., Brooklyn, N. Y.—Tuning devices.

MANHATTAN—Manhattan Electric Supply Co., 17 Park Place, New York City. Head sets, loud variometers, variocouplers, loops, dials, cabinet speakers.

MANHATTAN SYMPHONIC — Manhattan Electrical Supply Co., Inc., 17 Park Place, New York City—Loud speakers.

MANSON—Okonite Co., Passaic, N. J.—Tape.

MANUFACTURERS' REPRESENTATIVES

(for more complete information ask the Free Service Bureau of The Radio Dealer, 1133 Broadway, New York City)

Harry W. Gebhard, 68 South St., Boston, Mass. Territory covered: New England States.

Hartzell Sales Co., Suite 961, 50 Church St., New York City.

Kelleradio, Inc., 821 Market St., San Francisco, Calif. Territory covered: Pacific and Rocky Mt. States. Export to Pacific countries.

Elmer E. Mills & Company, First National Bank Bldg., Chicago, Ills.

MATS

(for batteries, etc.)

Alpha Radio Supply Company, Inc., 611 Broadway, New York City. ALPHA. \$1.00.

MARVEL

The B. F. Goodrich Rubber Company, Radio Department, Akron, Ohio. GOODRICH. Battery.

May Rubber Company, 826 Arch St., Philadelphia, Pa. Rubber.

Morris Register Company, Council Bluffs, Iowa. MORRIS.

MARATHON — Marathon Battery Co., Wausau, Wis.—"A" dry batteries, "B" dry batteries, "C" dry batteries.

MARATHON — Marathon Radio Corp., 133 1st St., San Francisco, Calif.—Receiving sets.

MARCO—Martin Copeland Co., 101 Sabin St., Providence, R. I.—Socket adapters, variable vernier condensers, rheostats, bezels, variable grid leaks, jacks, plugs, vacuum tube sockets, switches.

MARCUSON—E. E. Marcuson, 19 Madison Ave., New York City—Storage "B" batteries.

MARING PROCESS—Maring Wire Co., Muskegon, Mich.—Magnet wire.

MARION—Marion Insulated Wire & Rubber Co., Marion, Ind.—Rubber covered wire.

MARKO—Marko Storage Battery Co., 1402 Atlantic Ave., Brooklyn, N. Y.—Batteries.

MARLE—Marle Engineering Co., Orange, N. J.—Audio and radio frequency transformers.

MARVODYNE—Amber Mfg. Co., 599 Eleventh Ave., New York City—Receiving sets.

MARS — G. B. Fenstermaker, 43 Greene St., Lancaster, Pa.—Binding posts, contact points, nuts, screw machine products, switches, switch parts, varnish, washers.

MARSHALL-STAT—Marshall Electric Co., 3225 Locust St., St. Louis, Mo.—Rheostats.

MARTIAN BIG FOUR — Martian Mfg. Co., Inc., 171 Washington St., Newark, N. J.—Receiving sets.

MARTINS IDEAL—Vibroplex Co., 825 Broadway, New York City—Dials, vernier.

MARVEL—Aeolus, 161 Grand St., New York City.—Rheostats, potentiometers.

MARVEL—Radio Courses, Inc., 532 7th Ave., New York City—Soldering irons.

MARVELOUS—Norbert Radio Co., 638 W. 160th St., New York City.—Midget receiver.

MARWEL—Marwel Battery Co., St. Paul, Minn.—Batteries "A" storage.

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MARWOL—Marwol Radio Corp., 85 Mercer St., New York City—Receiving sets.

MARWOL HOME BUILDER—Marwol Radio Corp., 85 Mercer St., New York City—5-tube tuned radio frequency kit.

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MASTERCRAFT—Wolf Industries Mfg. Co., Quincy, Ill.—Cabinets.

MAST—Mast L. R. Co., West Milton, Ohio—Lead-ins.

MAST—Mast Lightning Rod Co., Lock Box 41, West Milton, Ohio—Lead-ins.

MAST ALL COPPER SECTIONAL ANTENNA—Mast Lightning Rod Co., Lock Box 41, West Milton, Ohio—All copper sectional antennas.

MASTER—Master Electric Co., 113 South Jefferson St., Chicago, Ills.—Crystal receiving sets.

MASTEROLA — R-C Mills Radio Corp., 303 Fourth Ave., New York City.— Loud speakers, receiving sets.

MASTO—Master Radio Instrument Co., 153 Wright St., Newark, N. J.—Grid leaks, grid condensers, mountings, resistors, variable resistances.

MASTERPIECE—Chas. Freshman Co., Inc., 240 West 40th St., New York City—Receiving sets, kits.

MASTERTONE —Blood Tone Arm Co., 222 W. Madison St., Chicago, Ills.— Loud speaker units, radio taper tubes.

MASTERTONE—Radio Tube Co., 903 Broad St., Newark, N. J.—Tube repairing.

MATCHED TONE — C. Brandes, Inc., New York City—Head sets.

MATHIESEN —Mathiesen-Sandberg Co., 5249 Ravenswood Ave., Chicago, Ills.—Collapsible loop.

MAXIMITE—Wireless Dry Cells, Ltd., 904 Buffalo Ave., Niagara Falls, N. Y.—“B” dry cells, “C” dry cells, “A” dry cells.

MAXIMUS—Everett Radio Co., 5207 Dorchester Ave., Chicago, Ills.—Vacuum tube sockets.

MAXMIM — Ferbend Electric Co., Chicago, Ills.—Condensers, tuners.

MAXUM—Fairmount Elec. & Mfg. Co., 59th & Woodland Ave., Philadelphia, Pa.—Boxes, groundings.

MELOFORMER

MAXUM—Maxum Radio & Electric Co., 54th & Woodland Ave., Philadelphia, Pa. — Radio and audio transformers, condensers, and lightning arresters.

MAXUMIZER — Maxum Radio & Electric Co., 54th & Woodland Ave., Philadelphia, Pa. — Tuning coils.

MAY—May Rubber Co., 826 Arch St., Philadelphia, Pa.—Phonograph trays, rubber phone cushions.

GEO. J. MAYER CO. — Geo. J. Mayer Co., 36 E. Meriden St., Indianapolis, Ind.—Name plates.

MAYOLIAN—Mayolian Radio Mfg. Co., 1991 Broadway, New York City—Transformers, filter unit kits, complete battery supply devices.

McLAUGHLIN—The Keller Co., 821 Market St., San Francisco, Calif.—McLaughlin one-control super kits.

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MEADOW LARK — Guthrie Co., Grafton, Ohio—Receiving sets.

MEARCO—Maurice O'Meara Co., 448 Pearl St., New York City—Resistance paper for grid leaks.

MECO—Metropolitan Electric Co., Des Moines, Iowa—Tubes, receiving sets.

MEDIUM JOE—Circle F Mfg. Co., Trenton, N. J.—Insulators.

MEGGIT—Cole Radio Mfg. Corp., Bloomfield, N. J.—Resistors

MEGHOMO — Waterbury Button Co., Waterbury, Conn.—Panel braces, molded insulation, insulators.

MEGOHMER—Herman H. Sticht & Co., 15 Park Row, New York City—Megohmmeters.

MEIROWSKY—Meirowsky Bros., 11 McPherson Pl., Jersey City, N. J.—Fixed condensers.

MEISTER-SINGER—Tower Manufacturing Corp., 98 Brookline Ave., Boston, Mass.—Loud speakers.

MELCO SUPREME AMSCO — Amsco Products Inc., 416 Broome St., New York City—Receiving sets.

MELODIAN—Melodian Laboratories, Independence, Mo.—Receiving sets, crystals, paper condensers, resistance units, cabinets, cat whiskers, wire products.

MELOFORMER — The Meloformer Sales Co., 9 S. Clinton St., Chicago, Ills.—Transformers.

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MELOTONE — Radio Industries Corp., 133 Duane St., New York City—Loud speaker units, loud speakers.

MEL-O-TONE—C. E. & H. T. Hargraves, Lakewood, R. I.—Crystal receiving sets.

MERCURY—Mercury Radio Corp., 87 Duane St., New York City—Horns.

MERIT—Merit Machine Mfg. Corp., 465-7-9 Greenwich St., New York City.—Screw machine products.

MERITAS—Henry Paulson & Co., 37 S. Wabash Ave., Chicago, Ills.—Battery chargers, batteries, grid leaks, condenser, sets, rheostats, dials, couplers.

MERRIAM-TUTTLE CO. — A. S. Tuttle Sales Corp., 825 West Genesee St., Syracuse, N. Y.—Acid proof battery boxes.

MERRILL—Merrill Radio Co., Lorraine St., Toledo, Ohio.—Receiving sets.

MERSHON—American Radio & Research Corp., Medford Hillside, Mass.—Electrolytic condensers.

MERSMAN—Mersman & Co., Ottawa, Ohio—Loud speakers.

METALECTRIC—Post Electric Co., 30 E. 42nd St., New York City—Electric soldering iron.

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Eclipse Machine Company, 15th and Garden Sts., Hoboken, N. J.

Eureka Tool & Machine Company, 42 Walnut St., Newark, N. J.

Fallkill Radio & Electric Company, Poughkeepsie, New York. Brass. Metal.

Chas. Fischer Spring Company, 240 Kent Ave., Brooklyn, N. Y.

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L. F. Grammes & Sons, Inc., Jordan & Union Sts., Allentown, Penna. **GRAMMES.**

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Howe Auto Products Company, 120 N. Green St., Chicago, Ills.

Miller Lock Company, Philadelphia, Penna. **MILLER.**

Millimeter Machine Works, Inc., 542 West 22nd St., New York City.

Montrose Mfg. Company, 1333 Fulton St., Brooklyn, N. Y.

The Novelty Mfg. Company, 125 Maple St., Waterbury, Conn. **NOVELTY.**

Patton-McGuyer Company, Baker Street & Virginia Avenue, Providence, R. I. **PATTON.**

Joseph Pollak Tool & Stamping Company, 85 Freeport St., Dorchester, Boston, Mass. **UNIVERSAL.**

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METAL HORNS (see Horns)

METAL PANELS (see Panels)

METAL SOCKETS (see Sockets)

METERS, WAVE (see Wave meters)

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Cambridge Instrument Company, Inc., 3512 Grand Central Terminal, New York City. **CAMBRIDGE.** Frequency. Type numbers and prices vary with range and sensitivity desired. Prices quoted on application.

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- METRIC**—Overland Metal Novelty Co., Inc., 141 Wooster St., New York City.—Variable condensers.
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- METRO**—Metro Electric Mfg. Co., Inc., 121 Prince St., New York City. Double jacks, single jacks.
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- METROPOLITAN** — Metropolitan Electric Mfg. Co., East Ave. & 14th St., Long Island City, N. Y. Switches.
- MEXICAN**—H. D. Hatfield & Son, 4655 Hollywood Blvd., Hollywood, Calif.—Mounted crystals.
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- International Mica Company**, 3650 Brandywine St., Philadelphia, Pa. **IMICO.**
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- Meirowsky Bros., Inc.**, 11 McPherson Pl., Jersey City, N. J. Mica Films for Condensers. Mica Diaphragms.
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MICROPHONES

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- MICADENSER**—Ben Franklin Radio Mfg. Co., 2562 Superior Ave., Cleveland, Ohio—Fixed condensers.
- MICADON**—Dubilier Condenser & Radio Corp., 4347 Bronx Blvd., New York City—Fixed condensers.
- MICAFONE** — Malone - Lemmon Labs., 342 Madison Ave., New York City—Fixed condensers.
- MICAFRAM** — American Mica Works, 47 West St., New York City—Mica diaphragms, mica condensers.
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- MICHIGAN**—Klitzen Mfg. Co., 31 Ottawa Ave., Grand Rapids, Mich.—Receiving sets.
- MICHIGAN**—Michigan Radio Corp., 310 Ottawa Ave., Grand Rapids, Mich.—Receiving sets, parts.
- MICIM**—Henry C. Roberts Radio Co., 112 Trinity Place, New York City—Fixed condensers.
- MICROCONDENSERS** — Sterling Mfg. Co., 2831 Prospect Ave., Cleveland, Ohio—Fixed condensers.
- MICROCOUPLE** — Pacent Electric Co., 91 Seventh Ave., New York City.—Coil slug receptacles.
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- MICROMETER CONTROLS** (see Vernier devices)
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- MICROPHONES**
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- MIDGET MOULDED**—Kilbourne & Clarke Mfg. Co., 101 Spokane St., Seattle, Wash.—Couplers.
- MIDGET**—The H. H. Eby Mfg. Co., Philadelphia, Pa.—Metal binding posts.
- MIDGET**—Phoenix Radio Lab., 27 S. Central Ave., Phoenix, Ariz.—Coils, tuners, tuning coils.
- MIDLAND**—Midland Electric Mfg. Co., 309 Transportation Bldg., 201 East South St., Indianapolis, Ind.—Detectors, receiving sets.
- MIGNON**—Precise Mfg. Corp., 254 Mill St., Rochester, N. Y.—Condensers, variable vernier.
- MIHO**—The Miho Co., 717 Sycamore St., Cincinnati, Ohio—Battery testing sets.
- MILLER**—Bertrand F. Miller Co., Inc., High & Canal Sts., Trenton, N. J.—Transformers.
- MILLER**—Miller Rubber Co. of N. Y., S. High St., Akron, Ohio.—Tubing, horns, moulded parts.
- MILLER-B-METAL**—The A. H. Miller Radio Co., 1250 W. Grand Blvd., Detroit, Mich. — Crystals, crystal detectors, crystal receivers.
- MILLERS**—Millers Falls Co., Millers Falls, Mass. — Hand and breast drills, screw drivers, hack saw frames.
- MILLIAMMETERS**
The Hickok Electrical Instrument Company, 10514 Dupont Ave., Cleveland. O. Hickok.
The Sterling Mfg. Company, 2831 Prospect Ave., Cleveland, Ohio.
STERLING. Panel, R623, DC, \$3.50; R624, DC, \$3.50.
Weston Electric Instrument Company, Newark, N. J. **WESTON**. Model 301 Plate milliammeters. Range 5, \$10.00; Range 100, \$8.00; Range 200, \$8.00.
- MILLIKEN RADIO TOWERS**—Milliken Brothers Mfg. Co., Inc., 233 Broadway, New York City — Towers.
- MILLI-METER** (in circle)—Millimeter Machine Works, Inc., 546 West 22nd St., New York City—Jacks.
- MILLION PONT MINERAL**—M. P. M. Sales Co., 247 S. Central Ave., Los Angeles, Calif.—Crystals.
- MILO BAILY**—Baily Eng. Co., 3461 Jefferson Ave., East Detroit, Mich.—Sets receiving.

MONTRO

- MILO-SUPREME**—Milo Mfg. Co., Arlington, N. J.—Loud speakers.
- MINERALS** (see heading for particular mineral desired)
- MINERAL PRODUCTS** — Mineral Products Sales Corp., 7 W. 16th St., New York City—Mineral supplies.
- MINILOSS** — Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills.—Variable condensers.
- MINUTE MEN**—Marshall-Gerken Co., 27 Ontario St., Toledo, Ohio—Switch parts.
- MIRACO**—Midwest Radio Corp., 410 E. 8th St., Cincinnati, Ohio.—Radio frequency receivers.
- MITCHELL-RAND**—Mitchell-Rand Mfg. Co., 18 Vesey St., New York City—Varnished tubing.
- MITCHELL**—Robert Mitchell Furn. Co., 2nd & John Sts., Cincinnati, Ohio.—Cabinets.
- M. L.** (on shield)—Malone-Lemmon Lab., 342 Madison Ave., New York City—Vernier variable condenser, duotrol and amplifier rheostats, potentiometers, mica fixed condensers, receiving sets.
- MOCKINGBIRD**—Guthrie Co., formerly Cleveland Apparatus Co., Grafton, Ohio—Receiving sets.
- MODERN** —Modern Electric Mfg. Co., Toledo, Ohio—Audio and radio frequency amplifiers, transformers.
- MODERN**—McConnell Cable & Specialty Co., 426 S. Clinton St., Chicago, Ills.—Winding machines, wire skimmers.
- MOGADORE** — Mogadore Insulator Co., Mogadore, Ohio.—Insulators.
- MOHAWK**—Mohawk Electric Corp., 2220 Diversey Blvd., Chicago, Ills.—Lugs, nut, screw and binding post display assortments, jacks, antenna kits, dials, receiving sets, plugs, lightning arresters, variable condensers.
- MOISE**—Glendale Radio Service, 217 E. Broadway, Glendale, Calif.—Coils.
- MOLLIFORMER** — E. E. Jacobs Co., 2804 No. Kidzie Ave., Chicago, Ill.—Battery eliminators.
- MONARCH**—Monarch Felt Works, Inc., 39 York St., Brooklyn, N. Y.—Felt, cut felt, felt washers.
- MONODYNE** — National Airphone Corp., 16 Hudson St., New York City—Receiving sets.
- MONOTROL**—Sleeper Radio Corp., Long Island City, N. Y.—Receiving sets.
- MONTRO-ADAPTO** — Montrose Radio Labs., 1333 Fulton St., Brooklyn, N. Y. — Phonograph panel sets.

MONTRODYNE

- MONTRODYNE** — Montrose Radio Labs., 1333 Fulton St., Brooklyn, N. Y.—Receiving sets.
- MONTROSE**—Montrose^{Co.} Mfg. Co., 1333 Fulton St., Brooklyn, N. Y.—Rheostats, variable condensers, metal stampings, transformers.
- MONTROSET** — Montrose Radio Labs., 1333 Fulton St., Brooklyn, N. Y.—Receiving sets.
- MOON** — Moon Radio Corp., 501 Steinway Ave., Long Island City, N. Y.—Receiving sets.
- MOON**—Wilson Utensil Co., 815 E. Fifth St., Dayton, Ohio.— Loud speakers.
- MOORE**—Moore Mfg. Co., 69 Bloomfield Ave., Bloomfield, N. J. — Crystal detectors, transformers, crystal receivers.
- MORGAN**—Morgan Vise Co., 1560 Washington Blvd., Chicago, Ills.— Bench vises.
- MOROCCO**—Welbar Mfg. Co., 53 W. Jackson Blvd., Chicago, Ills. — Crystal detectors, specialties.
- MORRISON**—Clarence E. Morrison, 2 Stone St., New York City.— Batteries, "B," dry cells.
- MORRISON**—Morrison Labs., Inc., 327 E. Jefferson Ave., Detroit, Mich.—Phonograph attachments, cabinet loud speakers, loud speaker units.
- MORRADYNE** — Morrison Radiophone Co., Inc., Bridgeport, Conn.—Receiving sets.
- MORSE**—Frank W. Morse Co., 289 Congress St., Boston, Mass.—Electrical test clips, loop aerials, panel bezels, extension cords, variometers.
- MORSE**—Morse Twist Drill & Machine Co., 163 Pleasant St., New Bedford, Mass.—Drills, twist, hand tools.
- MORSE EUREKA** — Frank W. Morse, 289 Congress St., Boston, Mass.—Spring battery terminals, spring binding post terminals, sockets and receptacles, plug connections
- MORSING BUS-BAR UNION** — Newark Watch Case Material Co., 15 Ward St., Newark, N. J.—Bus bar wires.
- MORTON**—Morton & Borks Radio Co., Stockton, Calif.—Amplifying transformers, variable condensers.

MOULDING

(contract work for the trade)

- American Insulator Corp., New Freedom, Penna. A. I. Co.
- Auburn Button Works, Inc., Auburn, New York. Bakelite.

MOULDING

- Belden Mfg. Co., 23rd St. & Western Ave., Chicago, Ills. **BELDEN-MOLD.**
- Campbell Fibre Company, Stanton, Del. Moulded and stamped insulation. Vulcanized fibre, all standard and special shapes.
- Chicago Mica Company, Valparaiso, Ind. **MICABOND.** Mica.
- Crescent Braid Company, Inc., Providence, R. I. **CRESCENT BRAID.**
- Delaware Hard Fibre Company, Wilmington, Del. **EGYPTIAN.** Vulcanized Fibre.
- Fibroc Insulation Company, 263 Lincoln Ave., Valparaiso, Ind. **FIBROC.** Bakelite Rods.
- Forest City Rubber Company, 1276 Ontario St., Cleveland, Ohio. **FOREST CITY.** Specialty Work.
- General Insulate Company, 1003 Atlantic Ave., Brooklyn, N. Y. Molded. **INSULATE.** Composition. **HI-HEET.** Bakelite.
- Gray & Danielson Mfg. Company, 250 First St., San Francisco, Calif. G. & D.
- Harry W. Hahn Mfg. Co., 627 S. San Pedro St., Los Angeles, Calif. Bakelite Molding.
- The G. H. Harris Company, 49 Clymer St., Brooklyn, New York. Composition. **PARANITE.** From customers' molds.
- International Mica Company, 3650 Brandywine St., Philadelphia, Pa. **IMICO.** Mica. All kinds—all sizes.
- Kellogg Switchboard and Supply Co., 1066 West Adams So., Chicago, Ills. Liquid Spaghetti. **VARNISHED SPAGHETTI** tubing.
- King Quality Prod., Inc., Buffalo, N. Y. **KING QUALITY.** (Bakelite in any form.)
- M. Kirchberger & Company, Inc., 1425 37th St., Brooklyn, N. Y. Lava.
- The K-W Ignition Corp., 2811 Chester Ave., Cleveland, Ohio. **K-W** (in circle). Small Bakelite Moulding. Black or Brown.
- The M. & M. Company, Cleveland, Ohio. **M. & M.**
- Moulded Products Corp., 549 W. 52d St., New York City. Bakelite.
- The National Lead Company, Molding Division, 111 Broadway, New York City. Bakelite.
- National Vulcanized Fibre Company, Maryland Ave. and Beech St., Wilmington, Del. **VUL-COT,** **PEERLESS,** **KEYSTONE.** Rods.
- Respro, Inc., Wellington Ave., Auburn, Providence, R. I. **VOL-TAPE.**

MOULDING (Continued)

The Recto Mfg. Company, 23 W. 3rd St., Cincinnati, Ohio. **RECTO**. Bakelite.

Shaw Insulator Company, 150 Coit St., Irvington-Newark, N. J. Custom.

Specialty Insulation & Mfg. Company, Inc., Hoosick Falls, N. Y. All kinds.

Waterbury Mfg. Company, Waterbury, Conn.

Wilmington Fibre Specialty Company, Wilmington, Del. **WILMINGTON**. Vulcanized Fibre.

MOLDS (see dies and moulds)**MOTOR GENERATORS**

Bodine Electric Company, Ohio St. and Oakley Blvd., Chicago, Ills. **BODINE**.

MOUNTED—Acme Belting Co., 197 W. Canton St., Boston, Mass.—Transformers.

MOUNTINGS (also see Coil mountings)

Able Tool & Engineering Company, West Elm St., Chicago, Ills. **ATEC**. One hole mount.

Aerovox Wireless Corp., 489 Broome St., New York City. **TUBULAR GRID LEAK**. Single, 15c., Double, 30c; Triple, 45c.

Atec Products Company, 536 West Elm St., Chicago, Ills. Atec one hole mounted, 25c.

Chas. A. Branston, Inc., 815 Main St., Buffalo, N. Y. Honeycomb Coil. **STANDARD**. Single, double, triple.

Columbia Radio Corp., 155 North Union St., Chicago, Ills. **COLUMBLA**. \$3.50, \$6.00.

De Jur Products Company, Lafayette & Broome Sts., New York City. **DE JUR**. Bakelite, grid leak.

Durham & Company, Inc., 1936 Market St., Philadelphia, Penna. **DURHAM**. Grid Leak, mountings. Single, 30c; double, 40c; leak and condenser, 35 cents.

Eagle Electric Manufacturing Company, 38 S. 8th St., Brooklyn, N. Y. **EAGLE**. Grid leak.

Electrad, Inc., 428 Broadway, New York City. Single plain, 35c; single with condenser clip, 40c; single condenser clips only 30c; double plain, 65c; double with condenser clips, 75c.

General Mfg. Company, 6637 Cottage Grove Ave., Chicago, Ills. **GENERAL**. Grid Leak; Condenser coil.

MR. RAY-O-LITE

Paul Glamzo, 203 Lafayette St., New York City. Brackets and terminal legs.

L. W. Goodman, 436 Forest Ave., Drexel Hill, Penna. Brackets. **GOODMAN**. \$6.00. Coil mounts.

A. E. Hill Mfg. Company, 80 Magnum St., Atlanta, Ga. **HILCO**. Grid Leak.

Kellogg Switchboard & Supply Company, 1066 W. Adams St., Chicago, Ills. Single, No. 502, 45c; double, No. 503, 85c.

Micamold Radio Corp., 1095 Flushing Ave., Brooklyn, N. Y. **MICAMOLD**. Resistor.

John J. Mucher, 109 Lafayette St., New York City. **MUCHER**. **SOLDERLESS** grid leak mounting.

National Lead Company, Molding Division, 111 Broadway, New York City.

Page Cabinet Company, Broadway at Hampshire St., Cambridge, Mass. Wood Bases, Base Boards, Mounting Boards, Coil End Blocks, etc. Pentz Radio Factory, 207 S. 5th St., Minneapolis, Minn. **PENTZLYNE**. 10c per pair.

Radio Instrument Company, 939 D St., N.W., Washington, D. C. Transformer contact socket pins.

Spee Dee Specialty Company, 271 Canal St., New York City. **HERCULES PRODUCTS**. Bakelite. Grid Leak.

Waterbury Button Company, Waterbury, Conn. Single and double coil mounts.

Wireless Products Corp., 362 Broadway, New York City. Single and Double Bakelite Coil mounts.

MOZART BABY GRAND—The Mozart Grand Co., Newark, N. J.—Loud speakers, loud speaking units.

M. P. M. (Million Point Mineral)—M. P. M. Sales Co., 247 S. Central Ave., Los Angeles, Calif.—Crystals, mounted and unmounted.

M-R—Mitchell-Rand Mfg. Co., 18 Vesey St., New York City—Insulating varnish.

M. R. L.—Moutrose Radio Labs., 1333 Fulton St., Brooklyn, N. Y.—Low loss tuned radio frequency kit.

M. R.—Northwestern Radio Co., Inc., 99 Bedford St., Boston, Mass.—Receiving sets.

MR. RAY-O-LITE—French Battery & Carbon Co., Madison, Wis.—Multiple and ignition batteries "A" and "B" batteries, flashlight batteries.

The **JOBBERS
DIRECTORY**
of the
Radio Dealer

Will not be distributed generally or sold this year. The Directory for the season 1926, will be ready for distribution to **ADVERTISERS** using The Radio Dealer about the tenth of November.

This directory will be available only for advertisers at that time.



Names of individual jobbers, etc., may be secured from The Service Bureau, The Radio Dealer, 1133 Broadway, New York City, without charge.

MUCHER

- MUCHER**—John J. Mucher, 109 Lafayette St., New York City.—Spring binding posts.
- MUELLER**—Mueller Instrument Co., 206 Ashley St., Hartford, Conn.—Condensers, variable.
- MULT-POWE**—Kimley Electric Co., Inc., 2665 Main St., Buffalo, N. Y.—Power "B" units.
- MULTICOLUCORD** — Columbia Radio Corp., 155 N. Union St., Chicago, Ills.—Battery connectors.
- MULTI-COUPLER**—G. H. Fischer & Co., 2604 Myrtle Ave., Glendale, L. I.—600 meter vario couplers.
- MULTIFORMER**—A. E. Hill Mfg. Co., Atlanta, Ga.—Transformers.
- MULTIPLE TELEPHONE**—H. H. Eby Mfg. Co., Philadelphia, Pa.—Plugs.
- MULTIPLE**—Multiple Storage Battery Co., Jamaica, N. Y.—Batteries, "A" storage.
- MULTIPLE PHONE PLUGS** (see Plugs)
- MULTIPLUG**—Howard B. Jones, 612 S. Canal St., Chicago, Ills.—Battery cable and plug.
- C. E. MUNSON CRYSTAL**—Radio Engineering Co., 16 Union Ave., New Rochelle, N. Y.—Crystals.
- MU RAD AUDIPHONE**—Murad Labs., 800 Fifth Ave., Asbury Park, N. J.—Loud speakers.
- MU-RAD**—Mu-Rad Laboratories, Inc., 800 Fifth Ave., Asbury Park, N. J.—Receiving sets, battery eliminating units.
- THE MU-RAD B. RADICATOR** — Mu-Rad Laboratories, Inc., 5th Ave., Asbury Park, N. J.—Plate current supply.
- THE MU-RAD RECTOFILTER** — Mu-Rad Laboratories, Inc., 800 5th Ave., Asbury Park, N. J.—Filament and plate current supply.
- MURDOCK**—Wm. J. Murdock Co., 347 Washington Ave., Chelsea, Mass.—Loud speakers, loud speaking units, receiving sets.
- MURDOCK RADIO** (in form of cross).—William J. Murdock Co., 347 Washington Ave., Chelsea, Mass.—Loud speakers, headphones, plugs.

MYSTO

- MUSETTE**—Herbert H. Frost, Inc., 154 W. Lake St., Chicago, Ills.—Loud speakers.
- MUSICONE**—Crosley Radio Corp., 232 Sassafrass St., Cincinnati, Ohio.—Loud speakers.
- MUSIC MASTER** — Music Master Corp., Philadelphia, Pa.—Phonograph attachments, loops, variable condensers, knobs, loud speakers, dials, molded insulation, units.
- MUTER**—Leslie F. Muter Co., 32 West 69th St., Chicago, Ills.—Rheostat resistance units, fixed condensers, fuses, lightning arresters, mountings, fixed grid leaks, switches.
- MUTUAL**—Mutual Phono Parts Mfg. Corp., 149 Lafayette St., New York City — Phonograph adapters, phonograph attachments, phonograph units.
- MUZADA**—Mazda Radio Mfg. Co., 3411 Perkins Ave., Cleveland, Ohio Audio frequency transformers, potentiometers, rheostats.
- MUZADA**—The Simmons Mfg. Co., 3411 Perkins Ave., Cleveland, Ohio.—"B" batteries, A batteries, battery tags, battery clips, battery chargers, battery testers, hydrometers, battery thermometers, battery service records.
- MUZADADYNE** — Mazda Radio Mfg. Co., 3411 Perkins Ave., Cleveland, Ohio—Tuners, tuning coils.
- MUZADA-SUPER** — The Mazda Radio Mfg. Co., 3411 Perkins Ave., Cleveland, Ohio—Variable condensers.
- MYDAR**—The Mydar Radio Co., 11 Campbell St., Newark, N. J.—Tube testers.
- MYERS**—Darwol Corp., 1261 Broadway, New York City.—Vacuum tubes.
- MYERS**—E. B. Myers Co., Ltd., 240 Craig St., West. Montreal, Can.—Vacuum tubes.
- MYSTO** — Berstan Radio Products Co., Springfield, Mass.—Receiving sets.
- M & M**—The M. & M. Co., 500 Prospect Ave., Cleveland, Ohio.—Insulation, lead-ins.

N

NAALD

NA-ALD—Alden Mfg. Co., Springfield, Mass. — Sockets, adapters, dials, vernier dials, condensers, variable, phone tips, jacks, radio frequency transformers, cords, panel bezels, socket adapters, dials, cushions, sockets, bezels, panel mounts, socket necks for gang mounting.

NAA-METER TESTED—Newman Stern Co., E. 12th & Walnut Sts., Cleveland, Ohio—Crystals.

NAGEL—W. G. Nagel Electric Co., 449 Hamilton St., Toledo, O.—Ammeters and voltmeters.

NAMCO—The National Acme Co., Cleveland, Ohio — Nuts, Knurled, brass, screw machine products.

NAILS, CABINET (see Hardware)

NAME PLATES (also see Engravings)

Adams Radio Mfg. Company, 1044 W. Van Buren St., Chicago, Ills. ADAMS.

Carter Radio Company, 300 S. Racine Ave., Chicago, Ills. CARTER NAME-PLATES. 5c each.

The Commerford Co., 446 Adelphi St., Brooklyn, N. Y. Decalcomania.

Etching Company of America, 1520 Montana St., Chicago, Ills. Etched Brass, Aluminum, Bronze. ETCHING COMPANY OF AMERICA. (Made to order.)

L. F. Grammes & Sons, Inc., Jordan and Union Sts., Allentown, Penna. Etched, stamped, embossed, ETCH-ART and VARI-TINT.

Meyercord Company, 133 W. Washington St., Chicago, Ills. KWIK-WAY.

Radio Specialty Company, Inc., 96 Park Place, New York City. RASCO. Each style, 4c each, 35c doz.; Nos. 806, 839, 840, 10c each, \$1.00 doz.

Yaxley Mfg. Company, 217 North Desplaines St., Chicago, Ills. YAXLEY. Etched Dial Plates, Designation Plates.

NAMELESS —Bremer-Tully Mfg. Co., 538 S. Canal St., Chicago, Ills. —B. T. condensers, kits, blue prints, transformers, tuners, circuit transformers, B-7 kits, Radio frequency receiving sets.

NAMELESS B. T. KIT —Bremer-Tully Mfg. Co., 532 S. Canal St., Chicago, Ills.—Circuit transformers, B-T kits, receiving sets.

N. C. S.

“NARO” — Metropolitan Electric Mfg. Co., East Ave. & 14th St., Long Island City, N. Y.—Switches, switchboards, appliances.

NASSAU DL—Nassau Radio Co., 60 Court St., Brooklyn, N. Y.—Sets, receiving.

NATIONAL—Holtzer-Cabot Electric Co., 125 Amory St., Boston, Mass.—Headsets, loud speakers.

NATIONAL — National Airphone Corp., 16 Hudson St., New York City — Audio frequency transformers, amplifiers.

NATIONAL—National Chelsea Radio Corp., 739 Boylston St., Boston, Mass.—Grid leaks.

NATIONAL—National Lock Wash Co., 40 Harmon St., Newark, N. J.—Washers.

NATIONAL—National Co., Inc., Cambridge, 39, Mass.—Transformers, dials, variable condensers.

NATIONAL—National Transformer Mfg. Co., 156 Whitney St., Chicago, Ill.—Transformers.

NATIONAL—National Cabinet Co., 10 Cincinnati St., Dayton, Ohio—Cabinets.

NATIONAL — National Light & Elect. Co., 59 Lafayette St., Newark, N. J.—Sockets, condensers, dials, rheostats, voltmeters, adapters, radio clocks.

NATIONAL—National Metal Molding Co., Fulton Bldg., Pittsburgh, Pa.—Copper antenna wire, stranded bracket aerial wire.

NATIONAL—National Plywood Co., Inc., 301 East 21st St., New York City.—Table tops, fronts, panels.

NATIONAL—National Radio Manufacturing Co., Oklahoma City, Okla.—Receiving sets, transmitting sets, power amplifier, radio frequency amplifying units, radio frequency intensifiers.

NATIONAL LOCK WASHER—National Lock Washer Co., Newark, N. J.—Phosphor bronze lock washers.

NATIONAL VELVET — National Co., Inc., Cambridge, 39, Mass.—Dials.

NATURALTONE — Phenix Products Co., 114 E. 25th St., New York City.—Loud speakers.

NAVY TYPE MATCHED TONE—C. Brandes, Inc., 237 Lafayette St., New York City.—Head sets.

N. C. S.—National Copper & Smelting Co., 1895 Coltman Road, Cleveland, Ohio — Brass and copper tubing.

NE.

- NE**—New England Electrical Works, Lisbon, N. H.—Flexible lamp cord, wire.
- NEAT FIT**—Express Body Corp., Crystal Lake, Ill.—Cabinets.
- NELSLIDE**—Nelson Tool Co., Inc., 105 West 40th St., New York City.—Variable condensers.
- NENCO**—National Electric Novelty Co., 403 Broome St., New York City.—“B” dry cells.
- NEUTROCEIVER** — F. A. D. Andrea, Inc., 1581 Jerome Ave., New York City—Receiving sets.
- NEUTROCEIVER GRAND**—F. A. D. Andrea, Inc., 1581 Jerome Ave., New York City—Receiving sets.
- NEUTRODYNE**—Hazeltine Corp., 200 Fifth Ave., New York City.
- NEUTRODYNE SET PARTS**
Freed-Eisemann Radio Corp., Sperry Bldg., Manhattan Bridge Plaza, Brooklyn, New York.
- NEUTROFLEX**—Tanner Co., C. D., 528 W. Washington St., Los Angeles, Calif.—Tuners, tuning coils, coils, transformers, receiving sets.
- NEUTROFORMER** — Hazeltine Corp., 200 Fifth Ave., New York City.
- NEUTRO-JR.**—F. A. D. Andrea, Inc., 1581 Jerome Ave., New York City—Receiving sets.
- NEUTROLA-GRAND** — F. A. D. Andrea, Inc., 1581 Jerome Ave., New York City—Receiving sets.
- NEUTROSTAT**—Advance Automobile Accessories Corp., 1712 Prairie Ave., Chicago, Ill.—Rheostat.
- NEUTROWOUND**—Advance Automobile Accessories Corp., 1712 Prairie Ave., Chicago, Ill.—Receiving set.
- NEUTROWOUND S-L-F**—Advance Automobile Accessories Corp., 1712 Prairie Ave., Chicago, Ill.—Condenser, kit.
- NEVERFAIL**—Post Trading Co., 33 W. 42d St., New York City.—Crystals, mounted and unmounted.
- NEW BRITAIN**—New Britain Tool Mfg. Co., 10 Harvard St., New Britain, Conn.—Reamers and counter borers.
- NEWHALL**—Newhall Chain Forge & Iron Co., 90 West St., New York City.—Loud speakers.
- NEWPORT**—Newport Radio Corp., 250 W. 54th St., New York City.—Receiving sets.

NO-KUM-APART

- NEW PROCESS** — New Process Twist Drill Co., 34 Court St., Taunton, Mass.—Twist drills.
- NEW-TONE HEADSET**—Newtone Pressed Steel Mfg. Co., 13 Hawthorne St., Newton, Mass.—Headsets.
- NEW YORK ACCO**—New York Album & Card Co., 23-25 Lispenard St., New York City.—Portable radio and phonograph combination.
- NEW YORK**—New York Coil Co., 338 Pearl St., New York City.—Tuning coils, fixed and variable condensers, transformers, variocouplers, couplers, oscillators, variometers.
- NEW YORK**—New York Pacific Battery Co., 646 W. Washington St., Los Angeles, Calif.—“B” storage batteries.
- NIAGARA**—Niagara Sales Corp., 3 Waverly Place, New York City.—“B” dry cells, “A” dry batteries, “C” dry batteries.
- NICKEL PLATING**
Eagle Manufacturing Company, Inc., 72 York St., Jersey City.
- NICKELETTE**—Novelty Radio Mfg. Co., 204 S. 4th St., St. Louis, Mo.—Receiving sets.
- NICHROME**—Driver Harris Co., Harrison, N. J.—Special alloys, wire, castings.
- NIFTY**—Amorose Mfg. Co., 14 Sears St., Boston, Mass.—Lead-in, collapsible loops, lead-ins, ground clamps.
- NIGHTINGALE**—Guthrie Co., formerly Cleveland Apparatus Co., Grafton, Ohio.—Receiving sets.
- NIGHTINGALE**—Nightingale Cabinet Co., Inc., 543 Union St., Brooklyn, N. Y.—Cabinets.
- NITROSE**—Nitrose Co., 1500 Peoria Bld., Peoria, Ill.—Paint.
- NOBATTERY**—American Bosch Magneto Corp., Springfield, Mass.—“B” current supply units.
- NO BATTERY**—Batteryless Radio Corp., 1457 Broadway, New York City.—Sets receiving.
- NO BODDER**—Haydon & Haydon, 73 Warren St., New York City.—Switches.
- NO DUST**—Peiffer & Co., 86 Liberty St., Newark, N. J.—Blower for cleaning sets.
- NOKORODE**—M. W. Dunton Co., 670 Eddy St., Providence, R. I.—Soldering flux, soldering outfits, soldering paste, soldering salts.
- NO-KUM-APART**—Mohawk Electric Corp., 2220 Diversey Blvd., Chicago, Ill.—Binding posts.

NOLA

- NOLA**—Nola Radio Co., 327 St. Charles St., New Orleans, La.—Amplifiers, radio frequency.
- NOL-LOS**—B. Grosser Sons, Inc., 55 Sudbury St., Boston, Mass.—Variable condensers.
- NOLTE**—Nolte Mfg. Co., 61 Gautier Ave., Jersey City, N. J.—Coils, transformers, inductance coils, wave traps.
- NOLOSS**—General Instrument Co., 423 Broome St., New York City.—Condensers, variable.
- NONOISE TYPE "L"** — Radio Foundation, Inc., 25 W. Broadway, New York City.—Variable grid leaks, one half to seven megohms.
- NON-SOLDER**—Metro Elec. Mfg. Co., 121 Prince St., New York City.—Jacks and switches.
- NON TUNE** — Leich Electric Co., Genoa, Ills.—Rectifiers.
- NO-OM**—Curry & Coutellier Laboratories, 2845 W. Ninth St., Los Angeles, Calif.—Flux, soldering.
- NORCO**—Northwestern Radio Mfg. Co., 1556 E. Taylor St., Portland, Ore.—dials, receiving sets.
- NORTHERN ELECTRIC** — Northern Elec. Co., Ltd., Vancouver, B. C., Canada.—R215A peanut tubes, R40 sockets.
- NOR WES CO.**—Northwestern Radio Mfg. Co., 1556 East Taylor St., Portland, Ore.—Dials, rheostats.
- NO SODDER**—Haydon and Haydon, 73 Warren St., New York City.—Switches
- NOVO**—Novo Mfg. Co., 254 W 47th St., New York City.—Batteries, "B" dry. "C" dry batteries.
- NOVOTRON**—Radio Electro Labs., 152 W. 42d St., New York City.—Vacuum tubes.
- NO. 50**—Mitchell-Rand Mfg. Co., 18 Vesey St., New York City.—Sealing compound.
- NUTMEG V. T.**—The Hart & Hegeman Mfg. Co., 342 Capital Ave., Hartford, Conn.—Vacuum tube sockets.

NUTS

- NU TRO**—C. A. W. Labs., 608 Chestnut St., Philadelphia, Pa.—Tubes, receiving sets.
- NUTS**
The Blake & Johnson Company, Waterbury, Conn.
Chicago Nut Manufacturing Company, 109 Lafayette St., New York City. Nuts.
Elec. Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ills.
ERLA. Hexagon, 6-32, Nickerled.
L. F. Grammes & Sons, Inc., Jordan & Union Sts., Allentown, Pa.
GRAMMES. Plain, Thumb, Knurled. Hexagon.
A. E. Hill Mfg. Company, 80 Magnum St., Atlanta, Ga. HANDY-KANS. HILCO.
U. T. Hungerford Brass & Copper Company, 80 Lafayette St., New York City. Hexagon, STAR BRAND. Nuts.
The National Acme Company, Cleveland, Ohio. Brass. NAMCO.
Radio Specialty Company, Inc., 96 Park Place, New York City. Cap, RASCO. No. 314, 3c; 30c per dozen.
Steele & Johnson Company, 779 S. Main St., Waterbury, Conn. S. & J.
Triple-A-Specialty Company, 628 W. Jackson Blvd., Chicago, Ills. Wing. Hard Rubber.
Waterbury Mfg. Company, Waterbury, Conn. Brass Knurled, Brass, Hexagon.
Weber Electric Works, Brooklyn Station, Cleveland, Ohio. Brass, Nickel Plated.
THE NU-WAY SNAP—The Hatheway Mfg. Co., Bridgeport, Conn.—Terminal lugs.
N Y B P C—New York Belting & Packing Co., 91 Chambers St., New York City.—Rubber tubing.
N & K—The Goldschmidt Corp., 15 William St., New York, N. Y.—Loud speaker units, phonograph attachments.

O

OGDEN

OGDEN—Ogden Wireless Labs., 1068 Ogden St., New York City.—Potentiometers, variable condensers, rheostats.

OHIO—The Ohio Elec. & Controler Co., 5908 Maurice Ave., Cleveland, Ohio.—Battery charging motors, generators.

OHMLAC—Ohmlac Paint & Refining Co., 140 S. Dearborn St., Chicago, Ills.—Insulating varnishes, metal enamels, battery enamels, sealing compound.

OHMETERS

Illinois Testing Laboratories, Inc., 141 W. Austin Ave., Chicago, Ills.

OIDAR—Ludwig Hommel & Co., 929 Penn. Ave., Pittsburgh, Pa.—Radio Apparatus.

"OLD MAN OHM"—Marshall Electric Co., 3225 Locust St., St. Louis, Mo.—Rheostats.

OLIVER—Oliver Machinery Co., 1026 Clancy Ave., N. Grand Rapids, Mich.—Woodworking machinery.

OLSON—Olson Mfg. Co., 56 Commercial St., Worcester, Mass.—Screw machine products.

OMNIGRAPH—Omnigraph Mfg. Co., 16 Hudson St., New York City.—Transmitters.

ONONDAGA—Guthrie Co., Grafton, Ohio—Receiving sets.

O'NEIL AUDIPHONE—O'Neil Mfg. Co., 4738 Hudson Blvd., West New York, N. J.—Loud speakers.

ONE-SIXTY—F. A. D. Andrea, Inc., 1581 Jerome Ave., New York City.—Neutrodyne parts and sets.

ONE TUBE MARTIAN BEAUTY—Martian Mfg. Co., Inc., 171 Washington St., Newark, N. J.—Receiving sets.

ONE-WAY—Carter Radio Co., 209 S. State St., Chicago, Ills.—Plugs.

OO—The Ready Tool Co., Bridgeport, Conn.—Tool holders.

OZARKA

OPERADIO—Operadio Corp., 8 S. Dearborn St., Chicago, Ills.—Variable vernier condensers, receiving sets.

OPERATONE—Piroxloid Products Corp., 200 5th Ave., New York City.—Loud speakers.

OPERATONE—Operatone Tube Co., 324 W. 42nd St., New York City.—Tubes, vacuum tubes.

ORAL-ORE—Oral Ore Co., 161 Washington St., New York City.—Crystals.

ORATOR—Peter J. Constant, Inc., 91 Seventh Ave., New York City.—Loud speakers.

ORIOLE—Henry G. Roberts Radio Co., 112 Trinity Place, New York City.—Receiving sets, loud speakers, loud speaking units.

ORIOLE—W-K Electric Co., Kenosha, Wis.—Receiving sets.

ORO-TONE—Ore Tone Co., 1010 George St., Chicago, Ills.—Condensers, sockets, phonograph adapters, loud speakers.

ORSENGIO—Orsenigo Co., Inc., 383 Madison Ave., New York City.—Period cabinets.

OSCILLAFORMER—The Oscillaformer Co., 11 W. Illinois St., Chicago, Ills.

OSCILLASCOPE—Lincoln Radio Corp., 224 N. Wells St., Chicago, Ills.—Couplers.

OSCILLATORS

Aero Products, Inc., 1768 Wilson Ave., Chicago, Ills. **AERO**. Oscillator for 8-tube Superhetrodyne.

OVERLAND—Signal Electric Mfg. Co., 1900 Broadway, Menominee, Mich.—Transmitting keys.

OXIDITE—Oxidite Battery Co., 1485 Marshall Ave., St. Paul, Minn.—Storage "A" and "B" batteries, hydrometers.

OZARKA—Ozarka, Inc., 849 West Washington Blvd., Chicago, Ill.—Receiving sets.

Every Radio Business Man
Should Be a Member of

The National
Radio Trade Association



The largest organization of Radio
Business Men in the World.

Full details may be secured from
the office of the Secretary, 1133
Broadway, New York City.



**THE NATIONAL
RADIO TRADE ASSOCIATION**

HENRY M. SHAW, President.

LAURENCE A. NIXON, Secretary.

P

PA-111

PA-111—Perry Radio Supply Co., 218 Washington Blvd., East Forest, Ills.—Receiving sets.

PACENT—Pacent Electric Co., 91 7th Ave., New York City.—Crystal detectors, laboratory resistors, loop aerials, adapters, coil plug receptacles, variable condensers, coil plugs, microphones, micrometers, jacks, rheostats, potentiometers.

PACIFIC—Pacific Radio Exposition, 284 New Expositions Chronicle Bldg., San Francisco, Calif.—Expositions.

PACIFIC QUINTET—Baldwin Pacific Co., Pacific Bldg., San Francisco, Calif.—Super heterodyne kit.

PACIFIC S-H—Baldwin-Pacific and Co., Pacific Bldg., San Francisco, Calif.—Transformers.

PAGE 5—R. B. Radio Co., 117 W. 51st St., New York City.—Receiving sets.

PAIGE—Paige Radio Co., 1416 Broadway, New York City.—Receiving sets.

PAINT (see also Enamels, etc.)

H. H. Woods, 910 Irving Park Blvd., Chicago, Ills. CALIBRATED.

Universal Battery Company, 3410 La Salle St., Chicago, Ills. Battery Paint.

PAL—Pal Sales Co., 112 Tube Concourse Bldg., Jersey City, N. J.—Headsets, loud speaker units, loud speakers.

PALL MALL—Essex Mfg. Co., 117 Mulberry St., Newark, N. J.—Phones, 180 degree variocouplers, crystal sets, variometers.

PANDORA—Brooklyn Metal Stamping Co., 718 Atlantic Ave., Brooklyn, N. Y.—Crystal receiving sets.

PANELCAB — Weber Electric Works, Brooklyn Station, Cleveland, Ohio—Knockdown cabinets.

PANELITE—Walbert Mfg. Co., 925 Wrightwood Ave., Chicago, Ills.—Panel lights.

PANEL PEEP HOLES (see Bezels)

PANELS

(composition, rubber, metal, glass, etc.)

The Airex Company, 799 Greenwich St., New York City. AIREX. Sub panels.

Ajax Electric Specialty Company, 1011 Market St., St. Louis, Mo. 5x7, 70c; 7x9, \$1.10; 7x12, \$1.28; 7x14, \$1.72; 7x18, \$2.20; 7x21, \$3.20; 7x26, \$3.50.

Alden Mfg. Company, 52 Willow St., Springfield, Mass. NA-ALD Mounts for Sockets and Sub Bases. No. 460. 35c.

PANELS

American Hard Rubber Company, 11 Mercer St., New York City. RADION. Base. Binding Post. "ACE" hard rubber panels.

American Walnut Manufacturers Association, 615 South Michigan Ave., Chicago, Ills. AMERICAN WALNUT. Panels for boxes and cabinets.

Auburn Button Works, Auburn, New York.

Automatic Switch Company, 154 Grand St., New York City. Broadcasting Control Panels. AUTOMATIC SWITCH CO.

Belden Mfg. Company, 23rd St. and Western Ave., Chicago, Ills. Bakelite.

Biltmore Radio Company, Boston 30, Mass. BILTMORE.

Bridgeport Brass Company, Bridgeport, Conn. BRIDGEPORT. Brass.

Campbell Fibre Company, Stanton, Del. Fibre.

Continental Fibre Company, Newark, Del. DILECTO.

Crowe Name Plate Company, 1749 Grace St., Chicago, Ills.

De Luxe Sales Company, 112 Trinity Pl., New York City. Sub panels, rubber and Bakelite. \$3.75.

Diamond State Fibre Company, Bridgeport, Penna. CELERON.

Downey Insulation Company, Inc., The Bourse, Philadelphia, Penna. BAKELITE. \$2.00 per lb.

Dungan Sternfield Radio Sales, Chicago, Ills.

Eisemann Magneto Corp., 165 Broadway, New York City. EISEMANN. Metal.

Etching Company of America, 1520 Montana St., Chicago, Ills. Etched Brass, Aluminum, Bronze. ETCHING COMPANY OF AMERICA.

Fibroc Insulation Company, 263 Lincoln Ave., Valparaiso, Ind. FIBROC. Bakelite.

M. M. Fleron & Son, Inc., 113 N. Broad St., Trenton, N. J. ELEC. TRASOTE.

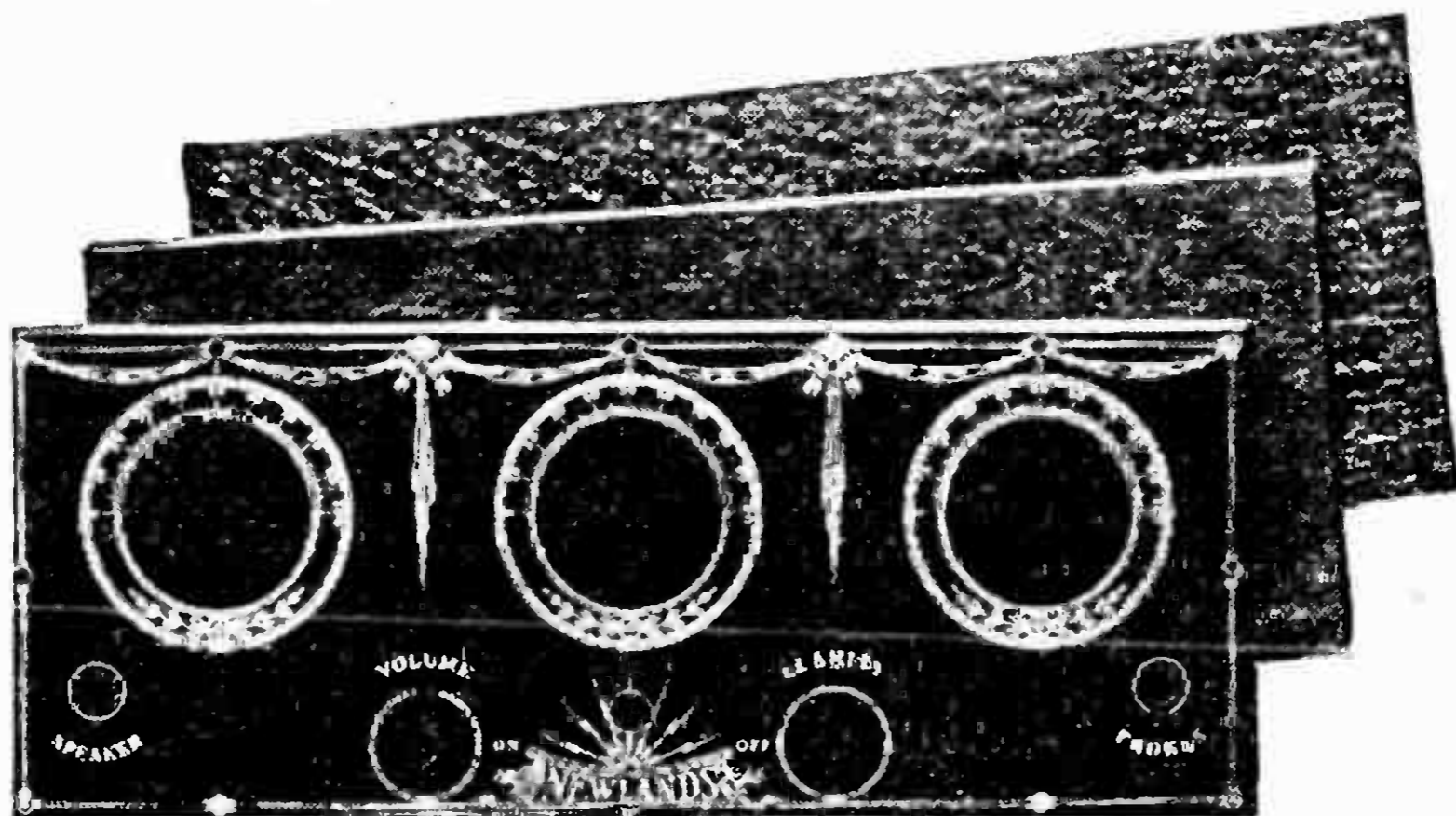
Forest City Rubber Company, 1276 Ontario St., Cleveland, Ohio. FOREST CITY. Sub Panels. Frosted.

The Formica Insulation Company, Cincinnati, Ohio; 50 Church St., New York City. FORMICA.

General Insulate Company, 1008 Atlantic Ave., Brooklyn, N. Y. INSULATE. COMPOSITION; HIHEET. Bakelite.

Goodman Bros., 196 E. Broadway, New York City.

INSULINE PANELS AND PARTS



This standard insulating material satisfies the demand for a quality product at a moderate price. Insuline does not chip, crack nor get soft; can be worked with ordinary tools. In three finishes: top, Frieze finish; center, Mahogany; lower, Black, with Etch-O-Gravure design. All standard and special sizes; also drilled and engraved for nine well-known circuits. Insuline Binding Post Panels, drilled and engraved; black or mahogany, 11x7".

Etch-O-Gravure Process

Beautiful etched effects in gold or white, not obtainable by any other process. Permits the expression of your own ideas in decoration. Costs less than ordinary engraving. OUR ENGRAVING PLANT, the largest of its kind in the country, executes every type of engraving at lowest trade prices. Estimates gladly submitted on receipt of specifications.

RADIO PANEL & PARTS CORP.

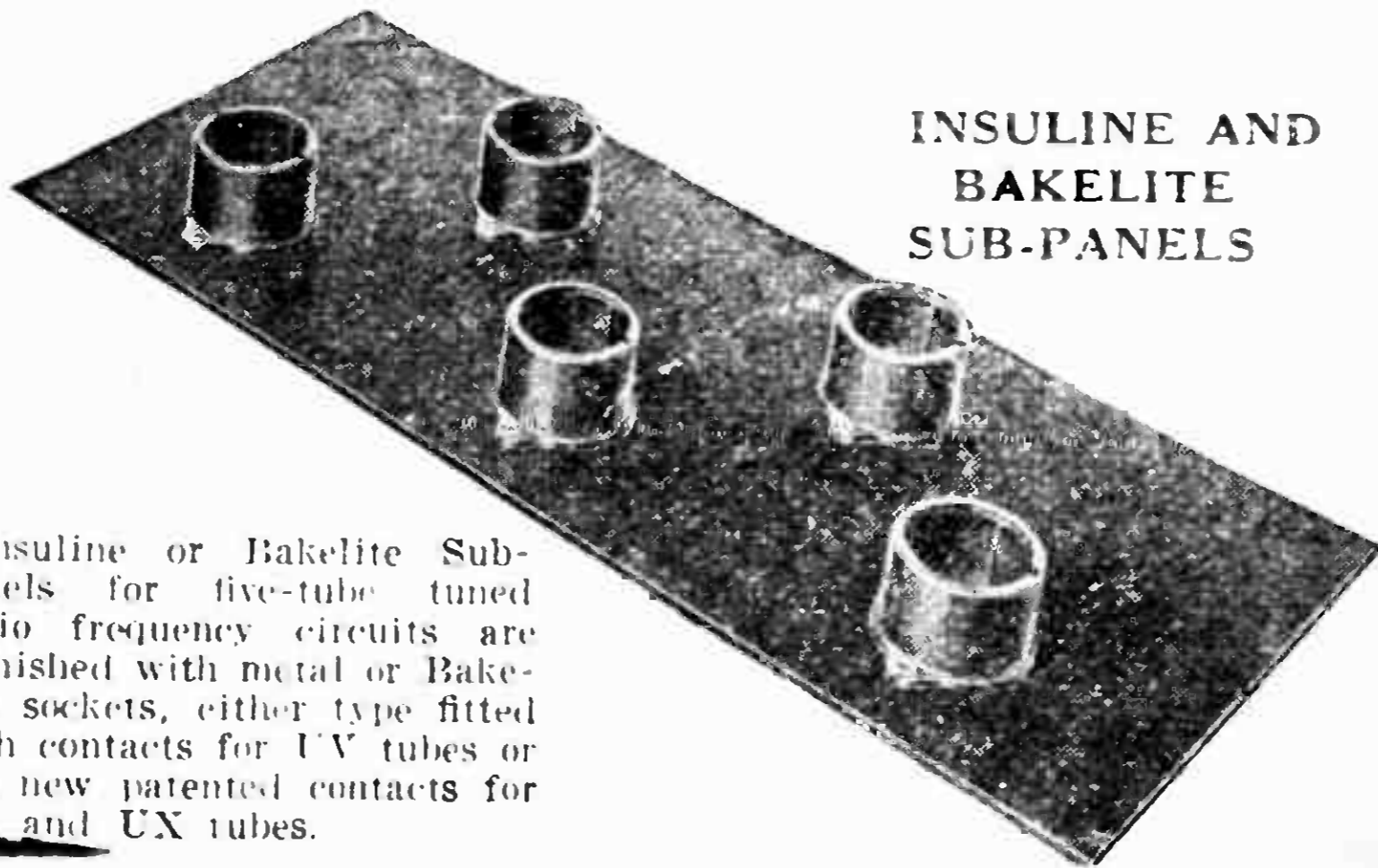
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Insuline or Bakelite Sub-Panels for five-tube tuned radio frequency circuits are furnished with metal or Bakelite sockets, either type fitted with contacts for UV tubes or the new patented contacts for UX and UX tubes.

PANELS (Continued)

The B. F. Goodrich Rubber Company, Radio Dept., Akron, Ohio. **GOODRICH**. Hard Rubber.

L. F. Grammes & Sons, Inc., Jordan & Union Sts., Allentown, Pa. **GRAMMES**. Etched.

Hood Rubber Company, Watertown, Mass.

Insulating Company of America, Western Division, Madison, Wisc. **INSULARON**. Sub-panels. Panel decoration.

D. E. Johnson Company, 221 Fulton St., New York City. **DEJCO**. Bakelite. Hard Rubber. Composition.

Luzerne Rubber Company, Trenton, N. J. **LUZERNE**.

Frank W. Morse, 289 Congress St., Boston, Mass. Rubber.

National Lead Company, Molding Division, 111 Broadway, New York City. Bakelite. Molded from customers' specifications or molds.

N. Y. Hard Rubber Turning Company, 212 Centre St., New York City. **RADION**. Hard Rubber.

Page Cabinet Company, Broadway at Hampshire St., Cambridge, Mass. Sub panels. Wood; plain; stained, or finished.

Pausin Engineering Co., 727 Frelinghuysen Ave., Newark, N. J. **HARKNESS**.

Poster & Company, Inc., 26 Barclay St., New York City. **POSTERS' PERFECT PANELS**.

Premier Electric Company, Grace & Ravenswood Ave., Chicago, Ills. **PREMIER**. Sub bases. For Receiving Sets.

Radio Panel & Parts Company, 59 Warren St., New York City. **INSULINE**. Sub panel, 5 socket mountings also panels. Cut, drilled, engraved to order. Bakelite; Hard Rubber freeze, mahogany and black finishes.

Radio Shop, Batesville, Ark. Glass, \$5.00 to \$10.00.

George T. Schmidt, 4100 Ravenswood Ave., Chicago, Ills. Engraving and Machinery.

Signal Electric Mfg. Company, Menominee, Mich. **SIGNAL SUB-PANEL**. Made to Specifications.

Starrett Mfg. Company, 521 S. Green St., Chicago, Ills. Bakelite.

Terry Electrical & Mfg. Company, Goresville, Ills.

Triangle Rubber & Supply Company, 68 South St., Boston, Mass. **CÉLESTO**. Hard Rubber.

United Radio Manufacturing Company, 191 Greenwich St., New York City. **VICTORY**. To Specifications.

PARKAY

United States Rubber Company, 1790 Broadway, New York City. **VICTORY**. Hard Rubber.

Universal Insulation Company, 215 Emmett St., Newark, N. J. **UNIVERSAL INSULATION CO.** Bakelite.

Vulcanized Rubber Company, 251 4th Ave., New York City. Hard Rubber.

Walker's Homeside Radio Shop, 247 Scott St., San Francisco, Calif. **WALKER**. Panel Shielding.

Weber Electric Works, Brooklyn Station, Cleveland, Ohio. Bakelite panels.

PANEL ENGRAVING, CUTTING DRILLING

PANEL MACHINERY (see Machinery)

R. M. Peffer, 334 Chestnut St., Harrisburg; Penna. **PEFFER**.

Poster & Company, 26 Barclay St., New York City. **POSTER'S PERFECT PANELS**. **PANEL CUTTING**.

PANEL LIGHTS

Yaxley Mfg. Company, 217 N. Desplaines St., Chicago, Ills. **YAXLEY**. Rheostat.

PANEL SHIELDING

Adams Radio Mfg. Company, 1044 Van Buren St., Chicago, Ill. Aluminum alloy.

PANELTEST—Beede Electric Instrument Co., 98 Park Place, New York City.—Voltsmeters, ammeters.

PANELTEST, JR.—Beede Electric Instrument Co., 98 Park Place, New York City.—Meters.

PANELYTE—Panelyte Co., Trenton, N. J.—Panels, insulation.

PANTOGRAPH—Hoffman Type Engraving Co., 114 E. 13th St., New York City.—Engraving machines, panels.

PAPER CONDENSERS (see Condensers, fixed)

PAPER HORNS (see Horns)

PARAGON—Nolte Mfg. Co., 61 Gauthier Ave., Jersey City, N. J.

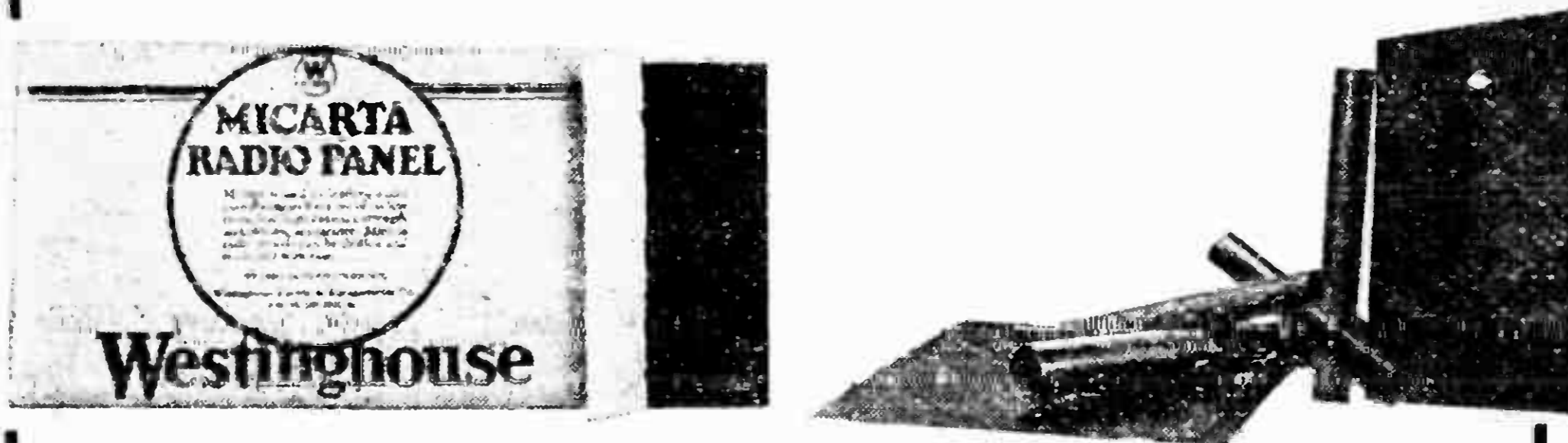
PARAGON—Adams Morgan Co., Inc., 12 Alvin Place, Upper Montclair, N. J.—Receivers, transmitters, sockets, rheostats, dials, potentiometers, A. F. transformers, variometers, vario-couplers, switches, variable condensers.

PARAMOUNT—Paramount Radio & Elec. Co., 10 N. Carolina, Atlantic City, N. J.—Sets.

PARAMOUNT — Radio Supply House, 500 16th St., Moline, Ills.—Receiving sets.

PARKAY—Jewett Radio & Phonograph Co., Pontiac, Mich.

Calvert Specialty Co. Inc.



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Special Hard Rubber Parts Made to Order
Send Sample or Sketch for Quotation

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NEW YORK

PARKER

- J. H. PARKER & SONS, INC.**—J. H. Parker & Sons, Inc., Parkersburg, W. Va.—Knobs, sockets.
- PARKER**—Charles Parker Co., 48 Elm St., Meriden, Conn.—Bench vises.
- PARKER**—Parker Metal Goods Co., 28 Cherry St., Worcester, Mass.—Metal stampings, screw eyes, screw hooks, insulator eyes, special wire, forms.
- PARKIN**—Parkin Mfg. Co., Grand Ave., San Rafael, Calif.—Variable condensers, crystal detectors, dials, knobs, fixed condensers, unmounted crystals, switch contacts, rheostats.
- PARKSON**—J. H. Parker & Son, Inc., Parkersburg, W. Va.—Vacuum tube sockets, lightning arrestors, insulators.
- PARLA**—Pennsylvania Radio Lab., 37th & Brandywine Sts., West Philadelphia, Pa.—Receiving sets.
- PASCO**—Pacific Screw Co., 645 N. E. 53d St., Portland, Ore.—Batteries, knock down storage, storage "B" batteries.
- PATENT ATTORNEYS**
Manufacturers' Patent Company, 70 Wall St., New York City. Trade marks designed.
Z. H. Polachek, 70 Wall St., New York City.
- PATHE**—Pathe Phonograph & Radio Corp., 20 Grand Ave., Brooklyn, N. Y.—Loud speakers, variocouplers, variometers, dials, adapters, radio frequency amplifiers, tuners, tuning coils.
- PATTON**—Patton-MacGuyer Co., Baker St. and Virginia Ave., Providence, R. I.—Metal stampings, terminals.
- PAUSIN**—Pausin Engineering Co., 727 Frelinghuysen Ave., Newark, N. J.—Variable condensers, audio frequency transformers.
- PAYETTE**—G. C. Payette Co., 190 St. Catherine St., W. Montreal, Canada.—Dials, receiving sets, vacuum tube sockets, variable condensers.
- PEARLCO**—Pearl Radio Corp., 1033 Race St., Philadelphia, Pa.—Variable condensers, variocouplers.
- PEAK OF PERFECTION**—Parkin Mfg. Co., San Rafael, Calif.—Crystal detectors, knobs.
- PECK**—J. L. Peck Radio Mfg. Co., 512 Pacific Bldg., San Francisco, Calif.—Contract work.

PERFECTION

- PEERLESS**—Charles F. Hartung Co., 811 Higgins Bldg., Los Angeles, Calif.—Peerless batteries, test clips, battery clips.
- PEERLESS**—National Vulcanized Fibre Co., Wilmington, Del.—Fibre, fibre parts.
- PEERLESS**—Peerless Radio Corp., 11 Washington St., Wellesley, Mass.—Fixed condensers, transformers.
- PEERLESS**—United Radio Corp., 15 Caledonia Ave., Rochester, N. Y.—Coils, loud speakers, variometers, phones.
- PEE WEE**—Mueller Electric Co., 1583 E. 31st St., Cleveland, Ohio.—Test and battery clips.
- PEFFER**—R. M. Peffer, Harrisburg, Pa.—Testing apparatus, panel drilling, engraving.
- PEIRCE**—Hubbard and Co., Pittsburgh, Pa.—Insulators.
- PENN HEAD SET**—Penn Radio Labs., 37 Brandgrove St., Philadelphia, Pa.—Head sets.
- PENN-C** (in keystone) — Penna Wireless Mfg. Co., 507 Florence Ave., New Castle, Pa.—Regenerative sets, audio frequency amplifiers, wave traps.
- PENNSYLVANIA**—Hamburg Bros., 619 Grant St., Pittsburgh, Pa.—Head sets, loud speaker units, crystal sets.
- PENTZ**—Pentz Radio Factory—202 So. 5th St., Minneapolis, Minn.—Crystal sets, amplifiers, wave traps.
- PEQUOT**—Pequot Mfg. Co., Manley and Thompson Ave., Long Island City, N. Y.—Shipping cases.
- PERASCO**—Perry Radio Supply Co., 218 Washington Blvd., River Forest, Ills.—Receiving sets.
- PERASCO** (The Better Radio)—Perry Radio Supply Co., 318 Washington Blvd., River Forest, Ills.—Radio receivers, tuners amplifying units.
- PERASCO KEWPIE**—Perry Radio Supply Co., 218 Washington Blvd., River Forest, Ills.—Sets, receiving.
- PERFECT GRID LEAKS**—Allen Bradley Co., 487 Clinton St., Milwaukee, Wis.—Grid leaks.
- PERFECTION**—Bemco Mfg. Co., 243 W. 55th St., New York City.—Hydrometers, battery fillers, distilled water jar outfit.

PERFECTION (Continued)

PERFECTION—Permanco Co., 203 Lewis St., New York City.—Upright and console loud speaker cabinets, consoles.

PERFECTION JR. — Bemco Mfg. Co., 243 W. 55th St., New York City.—“B” battery hydrometers.

PERFECTO—John Firth, 25 Beaver St., New York City.—Soldering flux.

PERFECTONE—Teleradio Engineering Corp., 484 Broome St., New York City.—Loud speakers, units, phonograph attachments, head sets. New York City — Receiving sets.

PERFLEX—The Wireless Shop, 150 Glendale Blvd., Los Angeles, Calif.—Receiving sets.

PERFLEXDYNE—Moore Mfg. Co., Bloomfield, N. J.—Receiving sets.

PERKINS—Perkins Phonograph Co., 831 N. Wood St., Chicago, Ills.—Wood cabinets, consoles, cabinet type loud speakers, console type radio-phonographs.

PERKINS-CAMPBELL — Perkins-Campbell Co., 410-40 New St., Cincinnati, Ohio.—Wood cabinets.

PEXTO—Peck, Stow & Wilcox Co., 217 Center St., Southington, Conn.—Bench vises, screw driver socket wrenches.

PFANSTIEHL — Pfanstiehl Radio Service Co., Highland Park, Ills.—Inductance, coils, sockets, verniers, tuners, amplifiers, couplers, wave traps, fixed condensers.

PFENSTIEHL SILENCER — Pfanstiehl Radio Ser. Co., Highland Park, Ills.—Wave traps.

PHENIX—Phenix Aircraft Products Co., Williamsville, N. Y.—Cements, varnishes, spaghetti.

PHENIX—Phenix Radio Corp., 5 Beekman St., New York City.—Transformers, sets, receiving.

PHEOLL—Pheoll Mfg. Co., Chicago, Ills.—Screws.

PHILADELPHIA—Philadelphia Insulated Wire Co., Philadelphia, Pa.—Cord, flexible tinsel, flexible lamp.

PHILADELPHIA — Philadelphia Storage Battery Co., Philadelphia, Pa.—Batteries “B” dry cell.

PHILCO—Philadelphia Storage Battery Co., Philadelphia, Pa.—Batteries.

PHILLIPS TONE ARM—William Phillips Phono. Parts Corp., 145 West 45th St., New York City.—Phonograph attachments.

PHILMORE XTRA LOUD—Philmore Mfg. Co., New York City.—Crystals, galena.

PHIPPS SUPER COILS—D. C. Phipps, 726 S. Spring St., Los Angeles, Calif.—Coils.

PHONES

PHONE ADAPTORS (see Adaptors, phonograph)*

PHONE CONNECTORS (see Connecting blocks)

PHONE CORDS (see Cords)

PHONE TIPS (see Tips, cord)

PHONES

(headsets, receivers)

Ajax Electric Specialty Company, 1011 Market St., St. Louis, Mo.

AJAX. Single complete, \$3.00; double complete, \$5.00. Head Sets.

Ambassador Sales Company, 108 Greenwich St., New York City.

AMBASSADOR—Twin Tone, 3,000 ohm phones.

American Electric Company, State and 64th Sts., Chicago, Ills.

SWEDISH-AMERICAN, \$6.00;

ARMY & NAVY, \$8.00; **VICTOR**,

\$5.00; **KEYSTONE**, \$5.00. Head

Sets.

Auth Electric Specialty Company, 422 E. 53rd St., New York City.

AUTH.

American Mechanical Labs., Inc., 285 N. 6th St., Brooklyn, N. Y.

A.M.L.

Brandes Products Corp., 200 Mt. Pleasant Ave., Newark, N. J.

SUPERIOR MATCHED TONE, Head

Set, Catalogue No. 100, \$4.50;

NAVY TYPE MATCHED TONE,

Head Set, Catalogue No. 200, \$6.00.

Chas. A. Branston, Inc., 815 Main St., Buffalo, New York.

STANDARD. 2,500 ohms, \$5.00; 5,000

ohms, \$8.00.

Briggs & Stratton Company, 1047 Louis Ave., Milwaukee, Wisc.

BASCO. 2,000 ohms, \$6.00; 3,000

ohms, \$7.50.

Cannon & Miller Co., Inc., Springwater, N. Y.

CANNONBALL, \$3.50; **CANNONBALL JUNIOR**,

\$2.75; **GRAND**, \$4.75.

Tobe C. Deutschmann Co., 46 Cornhill, Boston, Mass.

DTOW.

Dungan Sternfield Radio Sales, Inc., 25 N. Dearborn St., Chicago, Ills.

RED BAND. 2,200 ohms, list \$3.50.

Eastern Electric Company, 181 Chestnut St., Newark, N. J.

EASTERN.

Eisemann Magneto Corp., 165 Bway., New York City.

EISEMANN, \$6.

Electrical Industries Mfg. Company, 326 W. 41st St., New York City.

ULTRA. \$8.00. Ship type, \$12.00.

Electrical Products Mfg. Company, 69 Sprague St., Providence, R. I.

DYMAC E, \$3.00; **DYMAC G**, \$5.00.

Evolution Phone Company, Inc., 221 E. 124th St., New York City.

ARISTOPHONE. Single, 1,200

ohms, \$5.25; Double, 2,400 ohms,

\$10.50; patent high power.

PHONES (Continued)

Federal Radio Corp., Buffalo, N. Y.
 Federated Manufacturers' Corporation, 905 Mission St., San Francisco, Calif. FEDROLIAN. No. 910, No. 920.
 Friedlander Kopple Radio Service, 149 Church St., New York City. WELBILT.
 Herbert H. Frost, Inc., 314 W. Superior St., Chicago, Ills. FROST FONES. No. 172, 3,200 ohms, Marcon Bakelite shells and caps, \$6.00; No. 174, 2,000 ohms, \$3.00; No. 175, 3,000 ohms, \$3.50.
 Globe Phone Mfg. Company, Reading, Mass. GLOBE. \$5.00 List.
 Th. Goldschmidt Corp., Neufeldt & Kuhnke Division, 15 William St., New York City. N. & K. \$8.50.
 Hamburg Bros., 624 Grant St., Pittsburgh, Penna. PENNSYLVANIA. 2,500 ohms, Aluminum Set, \$3.50; 3,200 ohms, all Bakelite Set, \$5.00. 2,000 ohms, \$2.75
 The Hart & Hegeman Mfg. Company, 342 Capitol Ave., Hartford, Conn. H. & H. NUTMEG.
 Holtzer-Cabot Electric Company, Boston, 19, Mass. UNIVERSAL. HOLTZER-NATIONAL HEAD SETS.
 Hollywood Radio Co., 154 Nassau St., New York City. HOLLYWOOD, \$2.95.
 Henry Hyman & Company, Inc., 476 Broadway, New York City. BOSTONE. No. 722, 2,200 ohms, \$4.50.
 Jolley Radio Company, 297 6th Ave., New York City. JOLLEY.
 Kellogg Switchboard & Supply Company, 1066 West Adams St., Chicago, Ills. \$6.50.
 Lester Radio Electric Shop, 140 S. Spring St., Los Angeles, Calif.
 Manhattan Electric Supply Company, 17 Park Place, New York City. RED SEAL.
 Marinette Electric Corp., Marinette, Wisc. BLUE STREAK. \$5.00. LITTLE TATTLER. \$4.00.
 Moss-Schury Mfg. Company, 5626 McGraw Ave., Detroit, Mich. REPEATER, 2,400 ohm. \$4.00.
 Wm. J. Murdock Company, 347 Washington Ave., Chelsea, Mass. MURDOCK RADIO. 2,000 ohms, \$4. 3,000 ohms, \$4.50.
 Music Master Corp., 128 N. 10th St., Philadelphia, Penna. MUSIC MASTER. \$10.00.
 The Newman-Stern Company, Newman-Stern Bldg., Cleveland, Ohio. RED-HEAD.
 Pal Sales Corp., 112 Concourse Bldg., Jersey City, N. J. PAL.

PHONES

Ports Mfg. Company, 3305 E. Belmont Ave., Fresno, Calif. PRMCO. \$4.00.
 S. A. Potter T. & M. Works, 71 E. 130th St., New York City.
 Premier Electric Company, Grace & Ravenswood Ave., Chicago, Ills. PREMIER LITEWATE. Head Sets.
 Radio Industries Corp., 131 Duane St., New York City. RICOFONES. \$2.95.
 Radio Receptor Company, Inc., 106 7th Ave., New York City. RECEPTRAD. R. R. Company Products. \$7.50.
 Radiotive Corp., 53rd St. & 21st Ave., Brooklyn, N. Y. SILVERVOICE. \$12.00.
 Republic Trading Company, 25 West Broadway, New York City.
 Roth Radio Company, 88 W. Broadway, New York City. LITTLE GEM. \$1.60. NEW-TON, 3000 ohm. \$3.00.
 Roller Smith Company, 233 Broadway, New York City. ROLLER SMITH (in circle.)
 Royal Electrical Labs., Newark, N. J. ROYALFONE. KING OF ALL. \$3.50.
 Samson Electric Company, Canton, Mass. SAMSON. \$6.00.
 Splitdorf Electric Company, 392 High St., Newark, N. J. SPLITDORF. Model F. and FB.
 Summit Radio Products, Inc., 36 Hague St., Jersey City, N. J. SUMMIT.
 Teleradio Engineering Corp., 490 Broome St., New York City. TELERADIO.
 The T. B. H. Corp., Box 74, Dansville, N. Y. T. B. H. VIODYNE.
 Tillman Products Company, 187 W. 9th St., Brooklyn, N. Y.
 Tower Mfg. Corp., 98 Brookline Ave., Boston, Mass. TOWER LITTLE SPITFIRE HEADSET, \$1.95. SCIENTIFIC, \$2.95.
 Trimm Radio Mfg. Company, 24 S. Clinton St., Chicago, Ills. TRIMM PROFESSIONAL No. 70, List, \$5.50; TRIMM DEPENDABLE No. 60, List, \$4.40.
 True-Tone Radio Mfg. Company, 186 North La Salle St., Chicago, Ills. TRUE-TONE. \$5.00. 3,000 ohms.
 Union Fabric Company, Derby, Conn. AMPL-Tone.
 Victor Telephone Works, Englewood Station, Chicago, Ills.
 Zisch Eng. Corp., 26 Prospect St., Newark, N. J.

The JOBBERS DIRECTORY

of the

Radio Dealer

Will not be distributed generally or sold this year. The Directory for the season 1926, will be ready for distribution to ADVERTISERS using The Radio Dealer about the tenth of November.

This directory will be available only for advertisers at that time.

+

Names of individual jobbers, etc., may be secured from The Service Bureau, The Radio Dealer, 1133 Broadway, New York City, without charge.

PHONES

- THE PHONE ADAPTER**—Bronze Alumina Corp., 222 Winchester Ave., Buffalo, N. Y.—Phonograph attachments.
- PHONO-DAPTER**—Cherington Mfg. Co., Waukegan, Ills.—Phonograph adapters.
- PHONOGRAPH ATTACHMENTS** (see Adaptors, phonograph; Loud speaking units, phonograph)
- PHONOGRAPHS AND RADIO SETS COMBINED** (see Sets, receiving)
- PHONORADIO**—Wasmuth-Goodrich Co., Peru, Ind.—Cabinets, receiving sets, tables.
- PICO**—Pemberthy Injector Co., Detroit, Mich.—Head sets.
- PIGNOLET**—Pignolet Instrument Co., Inc., 114 Liberty St., New York City.—Voltmeters, ammeters, ohmmeters, milammeters, nuts.
- PIGTAILS** (see Connections)
- PILOT**—Consolidated Tool Works, 296 Broadway, New York City.—Hack saw frames, braces, bits, hand and breast drills.
- PILOT**—Pilot Elec. Mfg. Co., 113 Broadway, Brooklyn, N. Y.—Plugs, jacks, potentiometers, rheostats.
- PINK-A-TONE**—Sunbeam Radio Corp., 350 W. 31st St., New York City.—Receiving sets.
- PIONEER**—Louisville Electric Mfg. Co., 3000 Magazine St., Louisville, Ky.—Drills, Electric, portable.
- PIONEER RADIO CORP**—Pioneer Radio Corp., Galesburg, Ills.—Variometers, variocouplers.
- PITTSBURGH**—Pittsburgh Electric & Machine Work, 123 Barker Pl., Pittsburgh, Pa.—Switches.
- PITTSCO** (in circle)—F. D. Pitts Co., 219 Columbus Ave., Boston, Mass.—Radio apparatus.
- PLATES, NAME** (see Engravings, Name plates)
- PLATE**—Jewell Electric Instrument Co., 1640-50 Walnut St., Chicago, Ills.—Milliameters, voltmeters, ammeters, radio test sets, tube checkers.
- PLATINE**—The A. H. Miller Radio Co., 1259 West Grand Blvd., Detroit, Mich.—Cat whiskers.
- PLATINOID**—Wolverine Motor Works, 25 Union Ave., Bridgeport, Conn.—Contact points.
- PLATINUM CONTACT**—R. U. F. Products Co., 292 Liberty Ave., Brooklyn, N. Y.—Crystal detectors.
- PLIMPTON**—Plimpton Lift Truck Corp., Stamford, Conn.—Lift trucks.
- PLIO-6**—Golden-Leutz, Inc., 476 Broadway, New York City.—Receiving sets.

PLUGS

- PLUGS, ANTENNA** (see Aerials)
- PLUGS** (single, double and multiple phone and loud speaker)
- Ajax Electric Specialty Company, 1011 Market St., St. Louis, Mo.
- AJAX**. Multiple Phone, No. 17 Flat Handle and No. 19 Round Handle for 1 or 2-inch multiple, 50 cents; No. 18, 1 to 4-inch series, \$1.50.
- American Electric Company, State & 64th Sts., Chicago, Ills. Phone.
- AMERICAN ELECTRIC**. 75 cents, 90 cents, \$1.00.
- The Barkeley Electric Manufacturing Company, Middletown, Ohio. No. 616. Four-Phone Series Connected: No. 614 Four-Phone Parallel Connected.
- Beacon Radio Manufacturing Company, 100 South 3rd St., Brooklyn, New York. Bakelite, 50 cents.
- L. S. Brach Manufacturing Company,, 129 Sussex Ave., Newark, N. J. **BRACH-STAT**, 75c. **SHOCK PROOF**.
- Brooklyn Metal Stamping Corp., 718 Atlantic Ave., Brooklyn, N. Y.
- Capitol Distributing Company Inc., 25 West 18th St., New York City.
- Carter Radio Company, 300 South Racine Ave., Chicago, Ills. Double Phone Carter "TU-WAY," 60c (standard size); Single Phone Carter "ONE-WAY," 50c (standard size); Carter Flat Plug, 75c, (standard size) Carter "IMP" Plug 15c, (cord tip size).
- Columbia Radio Corp., 155 North Union St., Chicago, Ills. Combination Panel and Coil.
- Consolidated Instrument Company of America, 41 East 42nd St., New York City. **CICO**. Double Phone, automatic, bakelite; 40 cents, 60 cents.
- Martin Copeland Company, 101 Sabin St., Providence, R. I. **SHURGRIP**, 75 cents; **STA-PUT** 40 cents; **DOUBLE STA-PUT**, 50 cents; **STA-PUT, JR.**, 30 cents; **MARCO**, Multiple, \$1.00. **PERFECTION STA-PUT**, 50c; **MARCO SWITCH PLUG**, \$1.00.
- DeJur Products Company, Lafayette & Broome Sts, New York City. **DEJUR**. Telephone.
- Tohe M. Deutschmann, Co., 46 Cornhill, Boston, Mass. **DTW**. Plugs, etc., Imported.
- James C. Doran & Sons, Inc., 150 Chestnut St., Providence, R. I., **DORAN**.
- The H. H. Eby Manufacturing Company, Philadelphia, Penna. **MULTIPLE TELEPHONE**, \$1.00.



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PLUGS (Continued)

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Federated Manufacturers' Corp., 905 Mission St., San Francisco, Calif. FEDROLIAN. Phone.

Herbert H. Frost, Inc., 314 Superior St., Chicago, Ills. FROST-RADIO. No. 139, 50 cents; No. 140 2 FONE, 60 cents; No. 252, Loop Plug, 75 cents, with Jack, \$1.50. No. 141, 2 Fone Automatic Plug, 75c; No. 142, Single Fone Automatic Plug, 40c; No. 143, Double Fone Automatic Plug, 50c.

General Instrument Corp., 423 Broome St., New York City, Phone.

L. F. Grammes & Sons, Inc., Jordan & Union Sts., Allentown, Penna. Phone and cabinet. GRAMMES.

Harris & Birdseye, Inc., 25 Church St., New York City. HARCO.

Howard Radio Company, 451 East Ohio St., Chicago, Ills. HOWARD PHONE PLUGS.

Henry Hyman & Company, Inc., 476 Broadway, New York City. Multiple. BESTONE. No. 727, Spring Grip, 50c.

Inter-Ocean Radio Corp., 205 Tenth St., Jersey City, N. J. REVERSO. Plug. 50 cents.

Howard B. Jones, 614 S. Canal St., Chicago, Ills. JONES MULTI-PLUG. Type B. P. \$5.00; Type B. M. \$4.50.

Jos. W. Jones Radio Manufacturing Company, Inc., 40 West 25th St., New York City. JOS. W. JONES. Telephone. Standard. \$1.00.

Keizer & Legrand Mfg. Company, So. Hadley Falls, Mass.

Kellogg Switchboard & Supply Company, 1066 West Adams St., Chicago, Ills. Phone. 50 cents, 75 cents.

Lee Electric & Mfg. Company, 220-Eighth St., San Francisco, Calif. LEMCO. CP303, 60c; CP304, 90c. Coupling.

Leich Electric Company, Genoa, Ills. Phone. L'RADIO.

Magnus Electric & Radio Mfg. Corporation, 785 E. 138th St., New York City. Phones. MAGNUS. Combination; Multiple and Series. No. 865, \$1.00.

Mazda Radio Mfg. Company, 34011 Perkins Ave., Cleveland, Ohio. Phone 30c and 50c. MUZADA.

Merrick Labs., 283 Glenwood Ave., Bloomfield, N. J. Phone. 50c.

Mohawk Electric Corp., 2220 Diversey Blvd., Chicago, Ills. MO-

PLUGS

HAWK. Plugs.

Wm. J. Murdock Company, 347 Washington Ave., Chelsea, Mass. Phone. MURDOCK RADIO, \$1.00. Jack only, 50 cents.

Music Master Corp., 128 North 10th St. Philadelphia, Pa. MUSIC MASTER. 75c.

National Lead Company, Molding Division, 111 Broadway, New York City. Phone. Coil. Bakelite. Molded to specifications.

Pacent Electric Co., Inc., 91 - 7th Ave., AUTOPLUG. 60 cents.

Pilot Electric Manufacturing Company, 323 Berry St., Brooklyn, N. Y. Double Phone. PILOT.

Polymet Manufacturing Corp., 70 Lafayette St., New York City. POLYPLUG. Phone. 75 cents.

Ports Manufacturing Company, 3306 Belmont Ave., Fresno, Calif. PRMCO. Phone. 50 cents.

Preferred Radio Prod. Corp., 408 E. 93d St., New York City.

Premier Electric Company, Grace and Ravenswood Ave., Chicago, Ills. Phone. PREMIER UNIVERSAL.

Radio Specialty Company, Inc., 96 Park Place, New York City. Phone. RASCO. No. 1003. 35 cents.

Roth Radio Company, 88 W. Broadway, New York City. Automatic Plug. 20c net; 50c list.

The Saturn Manufacturing & Sales Company, Inc., 48 Beckman St., New York City. Phone. SATURN. Automatic. 50c. and 75c.

Simmons Manufacturing Co., 3405 Perkins Ave., Cleveland, Ohio. Phone. 30c. and 50c. MUZADA.

Snap-On Electric Company, 1456 Rascher Ave., Chicago, Ills. SNAP ON.

Spartan Electric Corp., 99 Chambers St., New York City. SPARTAN. Automatic Telephone plugs.

Spee Dee Specialty Company, 271 Canal St., New York City. Phone. HERCULES PRODUCTS.

Victor Instrument Manufacturing Company, Inc., 236 West 55th St., New York City. "Reversible." 50c.

The Wallace Barnes Company, Bristol, Conn. Telephone.

Waterbury Button Company, Waterbury, Conn. Phone, Flat and Round.

Weston Electrical Instrument Company, Waverly Park, Newark, N. J. Phone. WESTON RADIO PLUG. 60c.

"X" Labs., 25 West 45th St., New York City. X-X LABS. Phone, automatic or screw styles, 65c.

PLUGS

Yaxley Products, Chicago, Ills.,
YAXLEY. Duplex, one phone.
Midget.

Zisch Eng. Corp., 26 Prospect St.,
Newark, N. J. Reverso. 50 cents.

PLUG CAPS (see also Moulded
material)

PLUG CONNECTIONS

Frank W. Morse, 289 Congress St.,
Boston, Mass. Polarized. MORSE
EUREKA. 55 cents, 65 cents.

PLUG POSTS

H. H. Eby Manufacturing Company,
Philadelphia, Penna. EBY TIP-
TOP Multi-Phone Post for Panel
Mounting.

Auburn Button Works, Inc., Auburn,
N. Y.

PLUG-A-PHONE — Leich Electric
Co., Genoa, Ills.—Jack boxes.

PLUNGER—Haydon & Haydon, 73
Warren St., New York City.—Grid
leaks.

POCKET RADIO — Auto Indicator
Co., 210 N. Ottawa St., Grand Rap-
ids, Mich.—Receiving sets.

POINT—Bruno Radio Corp., 222
Fulton St., New York City.—
Switches.

POINTERS, DIAL (see Dial point-
ers)

POLISHERS (see Machinery)

POINTS CONTACT (see Contact
points)

POLAR—Sierman Radio Distributing
Co., 112 Trinity Place, New York
City—Variocouplers.

POLLARD LOOP—Pollard Bros.,
Mfg. Co., 4038 N. Tripp Ave., Chi-
cago, Ills.—Aerials.

POLLE' ROYAL — Royal Radio
Corp., 19 Calender St., Providence,
R. I.—Receiving sets.

POLES (see Towers)

POLY—Polymet Mfg. Corp., 70 Laf-
ayette St., New York City.—Con-
densers, fixed.

POLY CONDENSER—Polymet Mfg.
Corp., 70 Lafayette St., New York
City.—Fixed condensers.

POLY GRID—Polymet Mfg. Corp.,
70 Lafayette St., New York City.
—Grid leaks.

POLYMET—Polymet Mfg. Corp.,
599 Broadway, New York City.—
Parts.

POLY-PLUG—Polymet Mfg. Corp.,
70 Lafayette St., New York City.
—Phone plugs.

**POLY-STATS AND POLY POT-
STATS**—Everett Radio Co., 5207
Dorchester Ave., Chicago, Ills.—
Rheostats.

POOLEY—The Pooley Co., Inc., 16th
St. & Indiana Ave., Philadelphia,
Pa.—Cabinets.

POTENTIOMETERS

PORTABLE GLOBE—The Portable
Globe Aerial Co., P. O. Box 303,
Prairie du Chien, Wis.—Portable
aerial.

PORTABLOOP—Eagle Radio Co.,
16 Boyden Place, Newark, N. J.—
Receivers.

PORTABLE SETS (see Sets, re-
ceiving)

PORTENA—J. Nazeley Co., 571
Hudson St., New York City.—Fold-
ing loop.

PORTOLA—Portola Radio Co., 5th
and Market Sts., Philadelphia, Pa.
—Loud speakers.

POSACO—The C. D. Potter Co., 583
Pacific St., Stamford, Conn.—Con-
densers, vernier and variable.

POSITIVE—Positive Lock Washer
Co., Newark, N. J.—Lock washers.

POSTER—Poster & Co., Inc., 25
Barclay St., New York City.—Pos-
ter kit, bakelite tubing display,
54 pieces.

POSTER'S PERFECT PANELS—
Poster & Co., Inc., 26 Barclay St.,
New York City.—Radio panels, en-
graving, drilling, cutting, tubing,
tubing kit.

POST SOLDERING IRON — Post
Electric Co., Inc., 30 E. 42d St.,
New York City.—Soldering irons.

POSTS, BINDING (see Binding
posts)

POTENTIOMETERS

Acme Apparatus Company, 186
Massachusetts Ave., Cambridge,
Mass. ACME POT-RHEO com-
bined with rheostat.

Aerovox Wireless Corp., 489 Broome
St., New York City. AEROVOX.
240 and 400 ohm, large bakelite ar-
row knob, 70c.

Ajax Specialty Company, 1011 Mar-
ket St., St. Louis, Mo. AJAX.
240-ohm. 75 cents; 400-ohm, 80
cents.

Allen-Bradley Company, 489 Clinton
St., Milwaukee, Wis. BRADLEY-
OMETER PERFECT POTENT-
IOMETER. 200 ohms, \$2.00; 400
ohms, \$3.00.

American Specialty Company, 115
Holland Ave., Bridgeport, Conn.
REGAL. No. 145. \$1.50.

Amsco Products, Inc., Fairbanks
Bldg., Lafayette & Broome Sts.,
New York City. AMSCO.

The Beacon Radio Mfg. Company,
100 S. 3rd St., Brooklyn, N. Y.
BEACON.

Carter Radio Company, 300 South
Racine Ave., Chicago, Ills. CAR-
TER 200 and 400 ohms, \$2.00.
Vernier control. "IMP." 200 and
400 ohms, \$1.25, vernier control.

POTENTIOMETERS

- Central Radio Laboratories, 303 16th St., Milwaukee, Wis. CENTRAL-LAB. No. 110, 400-ohm non-inductive, \$1.75, No. 111, 2,000-ohm non-inductive, \$2.00.
- De Jur Products Company, Lafayette & Broome Sts., New York City. DE JUR.
- Federated Mfrs. Corp., 905 Mission St., San Francisco, Calif. FED-ROLIAN.
- Forest City Rubber Company, 1276 Ontario St., Cleveland, Ohio. FOREST CITY.
- Forman & Company, 366 Greenwich St., New York City. UN-X-LD. 1-hole mounting, 42 cents.
- Herbert H. Frost, Inc., 314 W. Superior St., Chicago, Ills. FROST-RADIO. Bakelite. No. 650, 400 ohms; No. 655, 200 ohms; \$1.25; metal frames, No. 603, 400 ohms, No. 605, 200-ohms, 65 cents.
- General Instrument Corporation, 423 Broome St., New York City.
- General Radio, 30 State St., Cambridge, Mass. GENERAL RADIO COMPANY. Type 214, 400-ohm, \$3.00; Type 301, 200-ohm, \$1.25.
- Hoosick Falls Radio Parts Mfg. Co., Hoosick Falls, N. Y.
- Howard Radio Company, Inc., 451-E Ohio St., Chicago, Ills. HOWARD. 200, and 400 ohms.
- Henry Hymann & Company, Inc., 476 Broadway, New York City. BESTONE. Potentiometer 200 or 400 ohm, \$1.25.
- Jos. W. Jones Radio Manufacturing Company, Inc., 40 West 25th St., New York City. JOS W. JONES. 400 ohm, aluminum covered. \$1.50.
- King Quality Prod., Inc., Radio Division, Buffalo, N. Y. KING QUALITY. \$1.50.
- Klosner Radio Corp., 1022 East 178 St., New York City. KLOSNER. \$1.15, \$1.50.
- Magnus Elec. & Radio Mfg. Corp., 785 E. 138th St., New York City. MAGNUS. No. 855, 80c; No. 863, 200 ohm, \$1.00; No. 864, 400 ohm, \$1.00. Bakelite.
- Mazda Radio Mfg. Company, 3411 Perkins Ave., Cleveland, Ohio. MUZADA. 100 and 200 ohm. \$1.25.
- Music Master Corp., 128 N. 10th St., Philadelphia, Penna. MUSIC MASTER, \$1.00.
- National Lead Company, Molding Division, 111 Broadway, New York City. Bakelite Molded to Specifications.

POWER

- Ogden Wireless Laboratories, 1068 Ogden St., New York City. OWL \$3.00.
- Parker-Aeolus Corp., 161 Grand St., New York City.
- Philmore Manufacturing Company, 105 Chambers St., New York City. AJAX. 240 ohms. 58 cents.
- Pilot Electric Mfg. Company, 323 Berry St., Brooklyn, N. Y. PILOT.
- Polymet Manufacturing Corp., 70 Lafayette St., New York City. E-Z OMMETER.
- Radio Foundation, Inc., 25 West Broadway, New York City. NO-NOISE. Type "A". 85c.
- Sheffield Trimming & Stamping Corp., 211 Centre St., New York City. STASCO.
- Spee-Dee Specialty Company, 271 Canal St., New York City. HERCULES PRODUCTS. With and without dials.
- The Sterling Mfg. Company, 2831 Prospect Ave., Cleveland, Ohio. STERLING. R309, 400 ohm, \$2.00.
- Tillman Products Company, 187 W. 9th St., Brooklyn, N. Y. TILLMAN. 200 and 400 ohms.
- United Scientific Labs., 80 Fourth Ave., New York City.
- Wilcox Laboratories, 2206 East Michigan Ave., Lansing, Michigan. WILCOX.
- Yaxley Mfg. Co., 217 N. Desplaines St., Chicago, Ills. YAXLEY APPROVED RADIO.
- POTTER PRECISION—Potter Tool & Machine Works, 79 E. 130th St., New York City.—Loud speakers, condensers.
- POT-RHEO—Acme Apparatus Co., 37 Osborn St., Cambridge, Mass.—Combined potentiometer and rheostat.
- POWER—Grier Sutherland Co., 443 E. Larned St., Detroit, Mich.—Batteries.
- POWER BEE—Acme Engineering Co., Louisville, Ky.—"B" Battery eliminator.
- POWER ELEC. CO.—Argus Radio Corp., 25 W. 18th St., New York City.—Receiving sets, phonograph panels.
- POWEROLA — Powerola Radio Corp., New York City.—Receiving sets.
- POWER UNITS (see Current supply devices)
- POWER OPERATED SETS (see Sets, receiving)

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- POWERWELL**—American Battery Co., 2055 N. Racine Ave., Chicago, Ills.—“B” storage batteries, rectifiers.
- POWR**—The Powr Radio Co., Rocky River, O.—Aerials, receiving sets.
- PRACO**—Pittsburgh Radio & Appliance Co., Inc., 112 Diamond St., Pittsburgh, Pa.
- PRACTICE TRANSMITTING SETS**
J. H. Bunnell & Company, 32 Park Place, New York City. **BUZZO-PLEX.**
- PRATT**—Pratt & Whitney Co., Hartford, Conn.—Twist drills, taps, hand reamers, hand screw plate sets.
- PRECEL-TOLEDO** — Precel Radio Mfg. Co., 714 Monroe St., Toledo, Ohio.—Receiving sets.
- PRECISE** — Precise Manufacturing Corp., 254 Mill St., Rochester, N. Y.
- PRECISION**—Everett Radio Co., 5207 Dorchester Ave., Chicago, Ills.—Variable grid leaks.
- PRECISION**—Precision Coil Co., 209 Centre St., New York City. — Tuners and tuning coils.
- PRECISION**—Victor Radio Mfg. Co., 32 Union Square, New York City.—Vacuum tubes.
- PRECISION AUTODYNE COUPLER**—Precision Coil Co., 209 Centre St., New York City.—Couplers.
- PREFERRED**—Preferred Radio Co., 408 E. 93d St., New York City.—Fixed condensers, variable condensers.
- PREMIER**—Bemco Mfg. Co., 243 W. 55th St., New York City.—Hydrometers.
- PREMIER**—J. H. Bunnell & Co., 32 Park Place, New York City.—Loose couplers.
- PREMIER**—Premier Electric Co., Grace and Ravenswood Ave., Chicago, Ills.—Fixed condensers, jacks, hook ups, rheostats, receiving sets, kits, gang tube sockets, sub base for receiving sets, aerials.
- PREMIER**—Premier Radio Corp., Defiance, Ohio.—Receiving sets.
- PREMIER**—Radio Technical Labs., 38 Clinton St., Newark, N. J.—Crystals.
- PREMIER CROFOOT** — Premier Electric Co., Grace and Ravenswood Ave., Chicago, Ills.—Variable condensers.

PROTECTORS, TUBE

- PREMIER HEGEHOG** — Premier Elect. Co., Grace and Ravenswood Ave., Chicago, Ills.—Transformers.
- PREMIER LO-LOSS**—Premier Electric Co., Grace and Ravenswood Ave., Chicago, Ills.—Vacuum tube sockets.
- PREMIER MICROMETER** — Premier Elec. Co., Grace and Ravenswood Ave., Chicago, Ills.—Variocouplers.
- PREMIER MICROSTAT** — Premier Electric Co., Grace and Ravenswood Ave., Chicago, Ills.—Rheostats.
- PREMIER UNIVERSAL**—Premier Elec. Co., Grace and Ravenswood Ave., Chicago, Ills.—Plugs.
- PREMO**—Perfection Mfg. Co., 114 De Kalb Ave., Brooklyn, N. Y.—Leads, spring clamps.
- PRENTISS**—Prentiss Vise Co., 110 Lafayette St., New York City.—Bench vises.
- PRESSES, PANEL FORMING,**
(see Machinery)
- PRESTO**—Presto Machine Prod. Co., 70 Washington St., Brooklyn, N. Y.—Phone plugs, loud speaker units.
- PRESTO-O-LITE** — The Presto-O-Lite Co., Inc., Indianapolis, Ind.—“B” storage batteries, “A” storage batteries.
- PRESTO-O-LITE RADIO CHART**—The Presto-O-Lite Co., Inc., Indianapolis, Ind.—Charts.
- PRIESS**—Preiss Radio, Inc., 693 Broadway, New York City.—Receiving sets.
- PRIRAD**—Ajax Electric Specialty Co., 1926 Chestnut St., St. Louis, Mo.—Transformers.
- P. R. L. RADIO CRYSTALS**—Phoenix Radio Lab., Box 185, Phoenix, Ariz.—Crystals.
- PRMCO**—Ports Mfg. Co., 3305 Belmont Ave., Fresno, Calif.—Control panels, fixed condensers, head sets, jacks, plugs, radio receivers.
- PROFESSIONAL** — Trimm Radio Mfg. Co., 24 S. Clinton St., Chicago, Ills.—Head sets.
- PROFESSIONAL RADIO REPRODUCER**—Voluma Products, Inc., Hempstead, L. I., N. Y.—Loud speakers.
- PROMETHEUS - AIRPHONE** — Prometheus Electrical Corp., 360 W. 13th St., New York City.
- PROPP**—M. Propp Co., 524 Broadway, New York City.—Clips, dials.
- PROTECTORS, AERIAL** (see Lightning arresters)
- PROTECTORS, TUBE** (see Fuses)

PROTEX

PROTEX RADIO ARRESTER—Branch Tool Labs. Co., 508 So. Dearborn St., Chicago, Ills.—Lightning arresters.

PROTRACTORS—Cooper, Miller & Stanton Co., Inc., 61 Leonard St., New York City.—Dials.

PROUDFOOT—Cruver Mfg. Co., 2456 W. Jackson Blvd., Chicago, Ills.—Vernier condensers, variable condensers.

PROVIDENCE — Providence Insulated Wire Co., 58 Waldo St., Providence, R. I.—Antenna wire, rubber covered wire.

P. T. S.—P. T. Supply Co., 156 W. 50th St., New York, N. Y.—Vacuum tubes.

PUBLIC ADDRESS SYSTEMS

Western Electric Company, 463 West St., New York City. **WESTERN.**

PUBLICATIONS

The Phonograph Radio Dealer, published monthly, reaching every dealer in talking machines and records in the United States. The Radio Dealer Company, 1133 Broadway, New York City, U. S. A.

Radio, published monthly by Pacific Radio Publishing Corp., Pacific Bldg., San Francisco, Calif.

Radio Broadcast, published monthly, Doubleday Page & Co., Garden City, N. Y.

The Radio Dealer, published monthly, The Radio Dealer Company, 1133 Broadway, New York City. Subscription, two dollars and fifty cents per year, foreign, three dollars and fifty cents.

Radio World, published weekly, 1493 Broadway, New York City.

PUDLIN — Pudlin Engineering Co., 91 7th Ave., New York City.—Fixed and variable grid leaks, loud speakers, coupled resistances.

PUNCHING MACHINERY (see Machinery)

PYROPLAX

PURADYNE—Imperial Electric Mfg. Co., 50 Columbia St., Newark, N. J.—Tuned radio frequency kits, condensers, transformers.

PURATON—The Custeloid Co., Inc., Ozone Park, N. Y.—Loud speakers.

PUR-A-TONE—L. S. Brach Mfg. Co., 127 Sussex Ave., Newark, N. J.—Crystal detectors, fixed crystals, grid leaks.

PURCETON—Pierce Radio Labs. Corp., 3620 W. 44th St., New York City.—Sets, receiving.

PURE-TONE—C. D. Tanner Co., 520 W. Washington St., Los Angeles, Calif.—Detector stands.

PURITONE — Puritan Distributors, Inc., 742 South Michigan Blvd., Chicago, Ills.—Tables.

PURITONE-IN-A-TABLE SPEAKER—Puritan Distributors, Inc., 742 S. Michigan Blvd., Chicago, Ills.—Loud speakers.

PUROX—Purox Company, 828 17th St., Denver, Col.—Metal containers.

PUSH-PULL SWITCHES (see Switches)

PUSH-PULL TRANSFORMERS (see Transformers)

P. V.—Roller-Smith Co., 233 Broadway, New York City.—Ammeters and voltmeters.

PYCO—The Parker Young Co., 131 State St., Boston, Mass.—Cabinets, tables, cabinets.

PYRADIOLIN—E. I. DuPont-Nemours Co., Arlington, N. J.—Dials, horns, panels, tubing.

PYRATEK — The Erisman Labs., 3785 Broadway, New York City.—Crystal detectors, rectifiers.

PYREX — Corning Glass Works, Corning, N. Y.—Insulators.

PYROPLAX—The Cutler Hammer Mfg. Co., Milwaukee, Wis.—Molded insulation, molded products.

Q

Q-R

"Q-R"—Robinson Specialty Co., 13 Walnut St., Keyport, N. J.—Loud speakers, vernier adjusters.

Q. T.—The Q. T. Light Co., East Orange, N. J.—Receiving sets, variable condensers, detector and two-stage units.

QUALITONE—The Dual Tool Co., 1717 Crawford Road, Cleveland, Ohio.—Horns.

QUALITONE—Mazda Radio Mfg. Co., 3411 Perkins Ave., Cleveland, Ohio.—Horns.

QUALITY—Quality Molded Products, Inc., 1 Exchange Place, Jersey City, N. J.—Bakelite molded into dials, knobs, dials, rubber or composition, rheostat sockets, telephone plug shells.

RADIOCEIVE.

QUEENBEE—Volton Battery Co., 21 Hopkins St., Brooklyn, N. Y.—Batteries, "B" dry, "B" storage, "C" dry.

QUEEN-GRAY—Queen Gray Co., 6420 Johnson St., Philadelphia, Pa.—Ammeters.

QUEEN OF THE AIR—Norwalk Prod. Mfg. Co., Norwalk, Conn.—Sets, receiving.

QUICK ACTION - FAHNESTOCK (in circle)—Fahnestock Elec. Co., East Ave. and 8th St., Long Island City, N. Y.—Spring binding posts, connectors, connecting blocks, battery switches.

QUIET NILES, THE—Niles Mfg. Co., Ypsilanti, Mich.—Battery chargers.

R

RABAT—Radio Rabat Co., 1758 St. Clair Ave., Cleveland, Ohio.—"A" storage batteries.

RABAT JR., THE—The Radio Rabat Co., 942 Prospect Ave., Cleveland, Ohio.—"B" storage batteries.

RABAT, SR., THE—The Radio Rabat Co., 942 Prospect Ave., Cleveland, Ohio.—"B" storage batteries.

RACO—Ross Wire Co., 69 Bath St., Providence, R. I.—Aerials, indoor, antenna wire.

RACON—Racon Electrical Co., Inc., 14 Greene St., New York City.—Horns.

RADAK—Clapp-Eastham Co., 135 Main St., Cambridge, Mass.—Receiving sets, audio frequency amplifiers, vernier dials.

RADECO—Radio Equipment Co., 20 Stuart St., Boston, Mass.—Vacuum tube fuses.

RADECO SAFETY FUSE — Radio Equipment Co., 20 Stuart St., Boston, Mass.—Tube protectors.

RADETEC—Towner Radio Mfg. Co., 2620 Victor St., Kansas City, Mo.—Fixed crystal detectors.

RADEX—The Radex Press, 206 Euclid Arcade Annex, Cleveland, Ohio.—Index.

RADIALAMP—Radiolamp Co., 334 5th Ave., New York City.—Loud speakers.

RADIALL—Radiall Co., 654 Grand Ave., New Haven, Conn.—Variometers, variocouplers.

RADICLEAR—Taylor Electric Co., 1206 Broad St., Providence, R. I.—Receiving sets, cat whiskers, transformers.

RAD-I-FONE — Rad-I-Fone Sales Co., 912 Grand Rapids Savings Bank Bldg., Grand Rapids, Mich.—Console speakers.

RADIO CABINETS, TABLES, DESKS (see Cabinets; Tables; Desks)

RADIO FREQUENCY AMPLIFIERS (see Amplifiers)

RADIO FREQUENCY TRANSFORMERS (see Transformers)

RADIO FREQUENCY UNITS (see Amplifiers)

RADIO LOGS (see Books)

RADIO STOCKS (see Stock brokers)

RADIO-ARGENTINE — Curry and Contellier Labs., 2843 W. 9th St., Los Angeles, Calif.—Crystal detectors.

RADIO-ART—Musical Products Distributing Co., Inc., 22 W. 19th St., New York City.—Sets, cabinets.

RADIO BUGS—Quality Radio Shop, Richmond, Ind.—Emblems.

RADIO CABINET CO.—Radio Cabinet Co., 1772 Frankfort Ave., Philadelphia, Pa.—Knockdown cabinets, tables, consoles.

RADIOCEIVE—Radioceive Mfg. Co., 235 Elizabeth Ave., Newark, N. J.—Loud speaker units, loud speakers, head sets.

RADIOCLOX

- RADIOCLOX**—Lorenzo Valley Mfg. Co., Boulder Creek, Calif.—Automatic clock to turn set off.
- RADIO-CRAFT**—Radio Craft Co., Jersey City, N. J.
- RADIO DEALER, THE** — 1133 Broadway, New York City.—Publications.
- RADIO DOCTORS**—Radio Doctors, Inc., 500 So. State St., Chicago, Ills.—Transformers, coils.
- RADIODYNE**—Western Coil & Elec. Co., 313 5th St., Racine, Wis.—Receiving sets.
- RADIO ELECTRIC ADJUSTABLE**—Bridgeport Hdwe. Mfg. Co., Bridgeport, Conn.—Templates.
- RADIO FLIVVER, THE** — Radio Panel Shop, 312 W. 14th St., Junction City, Kan.—Receiving sets, portable complete sets.
- RADIOFONE** — Radiophone Sales Co., Grand Rapids, Mich.—Speakers.
- RADIO-FONE-O-GRAF** — Radio-Fone-o-Graf Co., 27 South Broad St., Elizabeth, N. J.—Receiving sets, combination phonograph and radio.
- RADIFORMER** — American Radio and Research Corp., Medford Hillside, Mass.—Radio frequency transformers.
- RADIOGEM**—Radiogem Corp., 66 W. Broadway, New York City.—Receiving outfits.
- RADIO GUILD**—The Radio Guild, Inc., 178 Commerce St., Newark, N. J.—Variocouplers.
- RADIOHM**—Central Radio Laboratories, 303 16th St., Milwaukee, Wis.—Rheostat.
- RADIO INSTRUCTOR, THE**—Radio Courses, Inc., 552 7th Ave., New York City.—Books.
- RADIO KING**—Work Rite Mfg. Co., 1812 E. 30th St., Cleveland, Ohio.—Receiving sets.
- RADIOLA**—Radio Corp. of America, Woolworth Bldg., New York City.—Receiving sets and units, loud speakers, vacuum tubes, amplifiers.
- RADIOLA REGENOFLEX** — Radio Corp. of America, 233 Broadway, New York City.—Receiving sets.
- RADIOLA SUPER HETERODYNE** —Radio Corp. of America, 233 Broadway, New York City.—Receiving sets.
- RADIOELECTRIC**—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.—Hand tools, hack saw frames.
- RADIOLOOP**—Pacent Electric Co., Inc., 91 7th Ave., New York City.—Loop aerials.

RADIOTRON

- RADION**—American Hard Rubber Co., 11 Mercer St., New York City.—Rubber cushions, ear caps, horns, panels, sheets, condensers, end dials, jack spacers, rods, tubing.
- RADIOPACA**—Joseph Czukar, New Brunswick, N. J.—Varnish.
- RADIOPEER**—Peerless Light Co., 539 Broadway, New York City.—Jacks, plugs, condensers.
- RADIOPHONE** — DeForest Radio Co., 139 Franklin St., Jersey City, N. J.—Receiving sets.
- RADIO PACENT**—Miller Falls Co., Millers Falls, Mass.—Hand tools.
- RADIO READING COURSE, THE** —Radio Courses, Inc., 552 7th Ave., New York City.—Set of five books.
- RADIO RITE**—Radio Rite Service Labs., Newark, N. J.—Receiving sets.
- RADIO-RUBE**—Heiman Bros., Battery Co., 2012 Locust St., St. Louis, Mo.—Batteries, "B" storage, "A" storage.
- RADIO-RUBR** — Heiman Battery Mfg. Co., 2012 Locust St., St. Louis, Mo.—"A" and "B" storage batteries, hydrometers, battery carriers, clips.
- RADIO SAVINGS BANK.** — Howe Auto Products Co., 120 N. Green St., Chicago, Ills.—Crystal receiving sets.
- RADIO SERVICE LABORATORIES**—Radio Service Sales, Asbury, Park, N. J.—Radio frequency transformers, audio frequency transformers, neutrodyne sets.
- RADIO SHOP**—Radio Shop, Batesville, Ark.—Glass panels, glass cabinets.
- RADIO SPECIALTIES CO.**—Radio Specialty Co., 26 Park Place, New York City.—Cord tips.
- RADIO SPINET**—Bay View Furniture Co., Holland, Mich.—Cabinets.
- RADIOSTAT** — Allen Bradley Co., Milwaukee, Wis.—Rheostats.
- RADIO TABLE**—Salisbury Bros. Furn. Co., Randolph, Vt.—Cabinets.
- RADIO TAPE**—Respro, Inc., Auburn, Providence, R. I.—Coil winding insulation.
- RADIOTIVE**—Radiotive Corp., 5371 21st Ave., Brooklyn, N. Y.—Head sets, loud speakers, phonograph attachments, loud speaker units.
- RADIOTRON**—Radio Corp. of America, 233 Broadway, New York City.—Three element vacuum tubes.

RADIO TUBE

- RADIO TUBE HOSPITAL—George H. Powell Co., Inc., Somerville 44, Mass.
- RADIOVISE—Rock Island Mfg. Co., Rock Island, Ills.—Bench vises.
- RADISCO—Radio Distributing Co., 8 West Park St., Newark, N. J.—Lightning arresters.
- RADISTO—Economic Appliance Co., Irwin, Pa.—Receiving sets.
- RADIUM JEWELL—Star Mfg. Co., 868 Bergen St., Newark, N. J.—Detectors.
- RADJO—Electric City Novelty & Mfg. Co., 126 Odell St., Schenectady, N. Y.—Crystal permanent detectors, crystal receiving sets, tube sockets, switch levers, knock-down crystal sets.
- RADOLAC—Weber Electric Works, Cleveland, Ohio — Insulating varnish.
- RADOLENE — Neumado Products Corp., 249 W. 47th St., New York City.—Insulating varnish.
- RADYNE—Radyne Mfg. Co., 1118 Harrison St., San Francisco, Calif.
- RAGEMCO—Radiogem Corp., 66 W. Broadway, New York City.—Screw drivers, socket wrenches, tools.
- RAL—Radio Laboratory & Mfg. Co., 215 Court St., Los Angeles, Calif.—Panels, engraving.
- RAMO—Radio Manufacturers' Outlet, New York City.
- RAMSTONE — Ramstone Corp., New York City.
- RANCE—Rance Corp., 86 Church St., New York City.—Receiving sets, parts.
- RAND—Mitchell Rand Mfg. Co., 15 Vesey St., New York City.—Spaghetti.
- RANDLE WAVE BOOSTER — Randle Radio Co., 1725 Powers St., Cincinnati, Ohio.—Wave traps.
- RANDLE—Randle Radio Co., 1725 Powers St., Cumminsville, Cincinnati, Ohio.—Aerials, receiving sets.
- RANDOLPH-CLOWES—Randolph Clowes Co., 384 Bank St., Waterbury, Conn.—Brass and Copper tubing, sheets, rods, etc.
- RANGER 8—St. Louis Radio Eng. Co., 5735 Bartmer Ave., St. Louis, Mo.—Sets, receiving.
- RANGER DELUXE — The Ainsworth Radio Co., Cincinnati, Ohio.—Receiving sets.
- RANGER FIVE — The Ainsworth Radio Co., Cincinnati, Ohio.
- RAPCO—Import Novelty Co., Inc., New York City.
- RAPID—The Rapid Spring Co., 222 Second Ave., Pittsburgh, Pa.—Aerial.
- R. C.
- RASCO—Radio Specialty Co., New York City.—Detectors, audio frequency transformers, head phones, bearings, vernier attachments, transformers, connections, crystal holders, dials, packs, name plates, plugs, brass rods, cord tip jacks, grid leaks, mica diaphragms, antenna connectors, crystals, switch levers, binding posts, switch points, mica sheets, variable condensers, parts, radio frequency transformers, condenser plates, nuts.
- RASLA—Davidson Radio Corp., New York City.
- RASLA MARCO — Martin-Copeland Co., Providence, R. I.—Reflex kit.
- RATHBUN — Rathbun Mfg. Co., Jamestown, N. Y.—Variable condensers.
- RAULAND LYRIC — All-American Radio Corp., 2650 Coyne St., Chicago, Ills.—Audio frequency transformers, receiving sets.
- RAULF—Raulf Mfg. Co., 562 Vedder St., Chicago, Ills.—Cabinets.
- RAVEN — Raven Radio Co., 8 Learned St., Albany, N. Y.—Loop aerials, collapsible, receiving sets, rheostats, tuners, tuning coils, variometers, cabinets.
- RAY COILS—Major R. C. Schoonhoven, 310 Seneca St., Elgin, Ills.—Coils.
- RAY—Jordan Battery Co., Ypsilanti, Mich.—“A” storage batteries.
- RAY-DEE—Ray-Dee Aircraft Manufacturing Co., 115 5th St., Redlands, Calif.—Couplers, variocouplers.
- RAY-DIO — Jordan Battery Co., Ypsilanti, Mich.—“B” storage batteries.
- RAYERSON-COURIDSON — Joseph T. Rayerson & Sons, Inc., 2558 16th St., Chicago, Ills.—Drills, electric.
- RAY-O-DYNE—Brown Radio Corp., New York City.
- MR. RAY-O-LITE—French Battery & Carbon Co., Madison, Wis.—“A,” “B” and “C” batteries.
- RAY-O-VAC — French Battery & Carbon Co., Winnebago St., Madison, Wis.—“B” batteries, “A” and “C” batteries.
- R. B. C. — Rieger-Bailey Co. of America, Real Estate Trust Bldg., Philadelphia, Pa. — Oscillators, transformers, filters.
- R-C—The R-C Outlet, 303 4th Ave., New York City.—Cabinets, variable condensers, loop aerials.

R. C.

R-C.—Radio Condenser Co., Thorne & Copewood St., Camden, N. J.—Variable condensers.

R C—Radio Concert Equipment Co., 946 S. Flower St., Los Angeles, Calif.—Couplers.

RCA (in circle)—Radio Corporation of America, 233 Broadway, New York City.—Receiving vacuum tubes, loud speakers.

REACHIT—Caufman & Clough Co., Wilmington, Del. — Socket wrenches.

REACTIVATORS, TUBE

Burton & Rogers Mfg. Company, 755 Boylston St., Boston, Mass. **BURTON-ROGERS.**

Jefferson Electric Mfg. Company, 501 S. Green St., Chicago, Ills. **JEFFERSON.** Radio.

Remo Corp., Meriden, Conn. **REMO.** JUNIOR. \$7.00; Senior, \$25.00.

J. Thos. Rhamatine, 600 East Woodbridge St., Detroit, Mich. **RHAMATINE***. \$6.00 list.

READ EASY—Ala Mfg. Co., 401 S. Sangemen St., Chicago, Ills.—Battery testers.

READRITE—Readrite Meter Works, 136 N. Main St., Bluffton, Ohio—Battery testing instruments, ammeters, voltmeters.

REAMERS (see Tools; Machinery)

RECEIVER CAPS (see Ear caps)

RECEIVERS (see Sets, receiving; Phones)

RECEIVER SHELLS (see Ear caps)

RECEPTRAD—Radio Receptor Co., Inc., 106 7th Ave., New York City.—Aerials, special condensers, couplers, crystal detectors, head sets, insulators, lightning arresters, transformers.

RECEPTION — Reception Radio Corp., 17th St. and Wood St., Philadelphia, Pa.—Sets, receiving.

RECEPTRAD MULTIFLEX—Radio Receptor Co., Inc., 106 7th Ave., New York City.—Receiving sets.

RECO—D & H Sales Co., 327 South LaSalle St., Chicago, Ills.—Loud speakers.

RECO—Radio Electrical Co., 70 E. Spring St., Columbus, Ohio.—Battery eliminators.

“RECORDION”—Columbia Mantel Co., 175 Powers St., Brooklyn, N. Y.—Cabinets.

RECORDERS, AUTOMATIC

Bruno Radio Corp., 222 Fulton St., New York City. **FINCH RADIO RELAY.** \$75.00; with Register, complete, mounted, \$225.00.

REGENERATORS

RECTIFIERS (see Battery chargers)

RECTIFIER TUBES (see Tubes, rectifier)

RECTIGON — Westinghouse Electric Co., E. Pittsburgh, Pa.—Battery chargers.

RECTI-CHARGER—Acme Engineering Co., Louisville, Ky.—Battery chargers.

RECTODYNE — Apco Mfg. Co., Providence, R. I. — “B” current supply.

RECTRON—Radio Corp. of America, Woolworth Bldg., New York City. Vacuum tubes.

RED BAND—Dungan Sternfield Radio Sales Inc., 25 N. Dearborn St., Chicago, Ills.—Variable condensers, transformers, sockets, special inductances, coils, receiving sets.

RED BIRD—Guthrie Co., Grafton, Ohio—Receiving sets.

RED DEVIL—Smith and Hemenway, 263 Broadway, New York City.—Hack saw frames, screw drivers.

REDDY HOT—E. D. Fahlberg Mfg. Co., Madison, Wis. — Furnaces, Soldering.

REDDY STIK—E. D. Fahlberg Mfg. Co., Madison, Wis.—Soldering flux.

RED-E-TOOLS — The Ready Tool Co., Bridgeport, Conn.—Tools.

RED-HEAD—The Newman Stern Co., Newman-Stern Bldg., Cleveland, Ohio.—Head sets.

RED JACKET — McCorkle-Ensign Co., 428 Erie St., Elmira, N. Y.—Condensers, variable.

RED SEAL—Manhattan Electrical Supply Co., 17 Park Place, New York City—Phonograph adapters, batteries, head sets.

RED SEAL, M (Inside Seal)—Manhattan Electrical Supply Co., Inc., New York City.—Batteries “B” dry cell.

REED—Reed Mfg. Co., Erie, Pa.—Bench vises, pliers.

REFLECTONE—Rice & Hochster, 130 Washington Place, New York City.—Loud speakers.

REFLEX CRYSTALS (see Crystals)

REFLEX SETS (see Sets, receiving)

REGAL—The American Specialty Co. 115 Holland Ave., Bridgeport, Conn.—Rheostats, potentiometers, transformers, inductance switches, condensers, variocouplers, variometers, knobs, dials, jacks, switch levers, binding posts, couplers.

REGENERATORS

Aero Products, Inc., 1768 Wilson Ave., Chicago, Ills. **AERO.** Radio Frequency.

REGENT

REGENT—Regent Radio Corp., 15 Queens St., Long Island City, N. Y.—Receiving sets.

REIKER—Reicker Instrument Co., 1919 Fairmount Ave., Philadelphia, Pa.—Hydrometers, hydrometer syringes.

R E L (in circle)—Phenix Radio Corp., 3-9 Beekman St., New York City.—Collapsible loops, variable condensers, dry batteries, radio sparkers, kits.

RELAYS

Leach Relay Company, 507 Mission St., San Francisco, Calif. **LEACH Break-In Model 18 Type S1**, 6V. D. C. 4-ohm, \$23.00 **Model 18 Type S2**, 120 V. D. C. 1,000 ohm \$25.00 **Model 24 Type S1 6 V. D. C. 4 ohm for amateur tube** \$16.50.

RELIABLE—Dominion Battery Co., Ltd., Toronto, Canada—Batteries "A" dry cell batteries "A" storage—Batteries "C" Dry cell batteries "A" storage Batteries "B" Storage Batteries "B" dry cell.

RELIABLE — Reliable Parts Mfg. Co., 2819 Prospect Ave., Cleveland, Ohio—Fillers, storage battery.

RELIABLE—The Storage Battery Supply Co., Inc., 239 E. 27th St., New York City.—Hydrometer syringes, "A" storage batteries, electrolytes.

RELIANCE—Bridgeport Machine & Tool Co., Inc., 304 East Washington Ave., Bridgeport, Conn.—Tools hand.

RELIANCE — James E. Doran & Sons Co., 150 Chestnut St., Providence, R. I.—Wave traps.

RELIANCE—Reliance Die Stamping Co., 501 N. La Salle St., Chicago, Ill.—Variable, plain and vernier condensers, rheostats, potentiometers.

RELIANCE—Reliance Mfg. Co., Massillon, Ohio.—Lock washers.

REL-LOW-LOSS—Radio Engineering Labs., 26 Thames St., New York City.—Tuners, radio frequency amplifiers.

REMCO—Radio Equipment & Mfg. Co., 1010 Atlantic Ave., Brooklyn, N. Y.—Dials, knobs, vernier dials.

REMLER—Remler Radio Mfg. Co., 182 2nd St., San Francisco, Calif.—Audio frequency amplifiers, transformers, variocouplers, variometers, vacuum tube sockets.

REMO—Remo Corp., Meridan, Conn.—Remo Trumpet Loud speakers instead of ordinary horns.

RESISTANCES

RE-NU—Re-Nu Products Co., 542 West Washington Blvd., Chicago, Ill.—Polishes, refinishing products, repair kit.

REPEATER — Moss-Schury Mfg. Co., 2011 Franklin St., Detroit, Mich.—Head phones.

REPP—C. B. Repp, Plainfield, N. J.—All contract work except wood-working, sockets, screw machine products.

REPUBLIC—Flint Radio Co., 1817 Wilson Ave., Chicago, Ill.—Frequency transformers.

REPUBLIC—Republic Varnish Co., 216 Parkhurst St., Newark, N. J.—Varnish.

RESAS—Resas, Inc., 554 W. 52nd St., New York City.—Kits. receiving sets.

RESAS TONE-A-DYNE — Resas, Inc., 554 W. 52nd St., New York City.—Receiving sets.

RESEARCH, DESIGN AND DEVELOPMENT

R. August & Company, 2 Rector St., New York City. Technical research, design, and development work.

RESISTANCE BOXES

Cambridge Instrument Company, Inc., 3512 Grand Central Terminal, New York City. **CAMBRIDGE**. Radio frequency. Prices vary with ranged desired.

General Radio Company, 30 State St., Cambridge, Mass. Type 102, \$24.00-\$53.00.

RESISTANCE COUPLED AMPLIFIERS (see Amplifiers)**RESISTANCES**

Aerovox Wireless Corp., 489 Broome St., New York City. **AEROVOX**. 5,000 ohms to 100,000 ohms, 3 types, 25c, 30c and 60c. **AEROVOX**. **RESISTOFORMERS**. 1st, 2nd, or 3rd stage. Complete units for resistance coupled amplification. \$1.50.

L. S. Brach Mfg. Co., Newark, N. J.

Allen Bradley Company, 487 Clinton St. Milwaukee, Wis. **BRADLEYOHM**. The Perfect Resistor. No. 10, 10,000 to 100,000 ohms; No. 25, 25,000 to 250,000 ohms; No. 50, 50,000 to 500,000 ohms. \$2.00.

American Mechanical Labs., 285 N. 6th St., Brooklyn, N. Y.

Cole Radio Mfg. Corp., Bloomfield, N. J. **MEGGIT**.

Martin Copeland Company, 101 Sab-in St., Providence, R. I. **MARCO**.





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Resistors and Resistor Mountings

High grade products at moderate prices. Absolutely guaranteed.

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Molded in genuine Bakelite under a pressure of 50 tons per square inch. They eliminate the changes in resistance due to atmospheric conditions, moisture absorption and temperature losses. Cannot be broken; guaranteed to be within five per cent commercially of rated marking. Terminals are embedded in Bakelite.


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CLAROSTAT is the universal, all-purpose resistor. Used wherever a variable resistance is specified. Controls the resistance with the accuracy of a fine micrometer. The best resistor so far produced.

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CLAROSTAT

RESISTORS

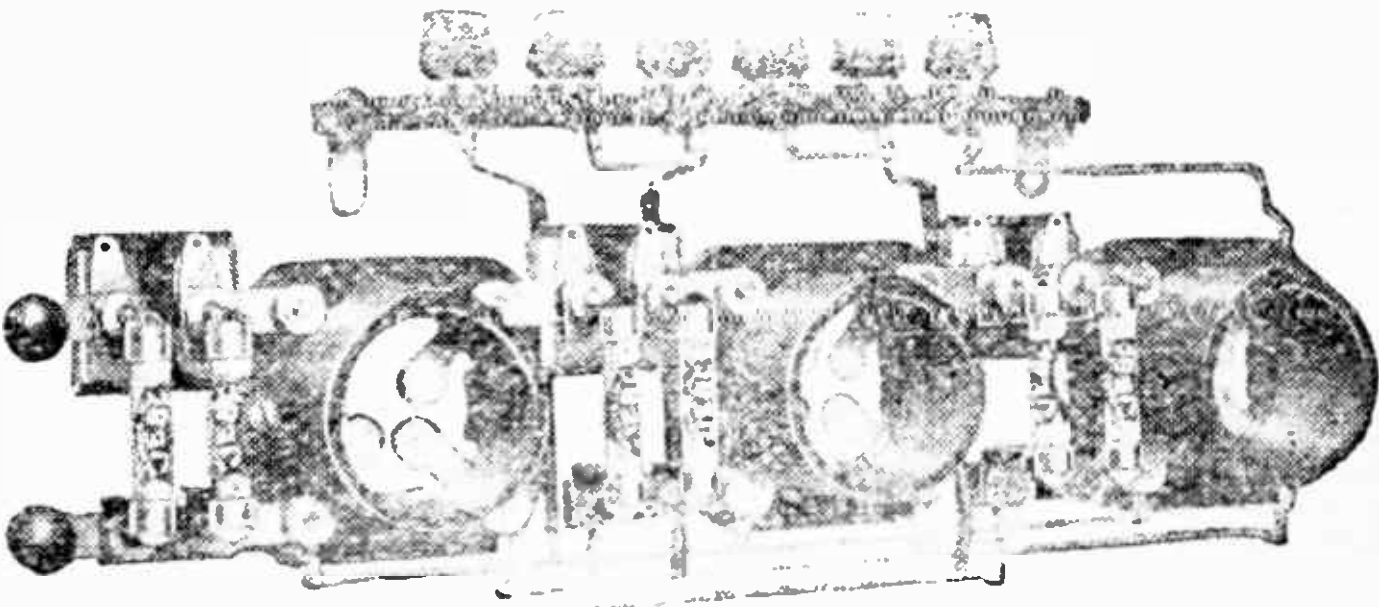
RESISTANCE COUPLERS

RESISTANCE COUPLED AMPLIFIERS

VEBY

RADIO CO.

47-51 Morris Ave.
Newark, N. J.



Veby Resistance Coupled Amplifier built with Special Veby Resistor No. 105. Economical construction. Resistor and Condenser mountings eliminated.

RESISTANCES (Continued)

Crescent Radio Supply Company, 9 Liberty St., Jamaica, N. Y. **CRESCENT.** Lavite. Non-Inductive, 12,000, 48,000, 50,000, 100,000-ohms, \$1.50 each. Special Resistances to order, \$2.50 each.

Daven Radio Corp., 153 Summit St., Newark, N. J. **DAVEN RADIO.** 50c to \$1.00.

Electrad Inc., 428 Broadway, New York City. Fixed. Electrad Certified Leaks, 50 cents; Electrad Glass Leaks, 30 cents; Keystone Glass Leaks, 25 cents; Resistance Coupling Kits, \$5.00; Audiohm, \$1.50; 10,000 to 120,000 ohms Vari-ohm. \$1.25; Mounted, \$1.50, ¼ to 39 megs.

Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills. **ERLA.** Erla Fixed Resistance, 1.9 ohms, 3 Tubes, 20c. Fixed.

International Resistance Company, Inc., 726 Samson St., Philadelphia, Penna. **DURHAM.** Metallized.

Kellogg Switchboard & Supply Company, 1066 West Adams St., Chicago, Ills. Non-Inductive. 12,000 ohms, \$1.75; 12,000 ohm molded resistance, 50 cents; 48,000 ohms, \$1.80.

Micamold Radio Corp., 1095 Flushing Ave., Brooklyn, N. Y. **MICAMOLD.** Hexagon, fixed, 30c.

C. E. MOUNTFORD, 465 Greenwich St., New York City.

Polymet Manufacturing Corp., 599 Broadway, New York City. **POLYMET.** Resistors.

Prometheus Electric Corp., 360 West 13th St., New York City. **PROMETHEUS.** Non-Inductive. High Resistances.

Spencer Mfg. Company, Aurora, Nebr. **SPENCER.**

Tridot Electric Company, Inc., 16 Hudson St., New York City. **TRIDOT.** Impregnated.

Veby Radio Company, 47-51 Morris Ave., Newark, N. J. **VEBY.** For Audio Frequency. Amplification.

Walnart Electric Mfg. Company, 308 S. Green St., Chicago, Ills. **WALNART.** \$1.00.

RESISTANCE ELEMENTS

Sheffield Trimming Company, 211 Centre St., New York City. Rheostat elements.

Yaxley Products, Chicago, Ills. **YAXLEY.** Rheostat elements.

RESISTANCE METERS**RESISTANCE PAPER**

Maurice O'Meara Company, 448 Pearl St., New York City. **MEARACO.** Resistance Paper for Grid Leaks, condenser tissue.

RHEOSTATS

RESISTOFORMERS — Aerovox Wireless Corp., 489 Broome St., New York City.—Transformers.

RESISTON—American Hard Rubber Co., 11 Mercer St., New York City.—Insulators.

RESISTON - RADION — American Hard Rubber Co., 11 Mercer St., New York City—Aerial insulators.

RESISTANCE UNITS, RHEOSTAT (see Resistance elements)

RESISTANCE STRIPS (see Resistance elements)

RESISTANCE WIRE (see Wire)

RESISTANCE VARIABLE (see Grid leaks)

RESISTORS (see Resistances)

REVERSO. — Inter-Ocean Radio Corp., 26 Prospect St., N. J.—Plug.

RE-VI-VO—Re-vi-vo, Inc., 1841 Broadway, New York City.—Rechargeable "A" and "B" dry cells.

REVOLUTE—Revolute Wire Co., Hastings-on-Hudson, N. Y.—Wire.

REX—Rex Radio Works, 4645 North Clark St., Chicago, Ills.—Loud speakers, phonograph attachments, receiver caps.

RENITE—The Airex Co., 799 Greenwich St., New York City—Condensers.

RHAMSTINE*—J. Thos. Rhamstine, Detroit, Mich.—Soldering sets, transformers.

RHAMSTINE* NEEDLE PHONE —J. Thos. Rhamstine, Detroit, Mich.—Loud speakers.

RHEOSTAT WIRE (see Wire)

RHEOSTATS

Acme Apparatus Company, 186 Massachusetts Ave., Cambridge, Mass. **ACME POT-RHEO.** Combined with potentiometer; power, plain.

Aerovox Wireless Corp., 489 Broome St., New York City. **AEROVOX.** With large Bakelite arrow knob. 55c. 6, 10, 20, 30, or 50 ohm. Also one hole mount.

Ajax Electric Specialty Company, 1011 Market St., St. Louis, Mo. **AJAX.** 6 ohm, 50 cents; 30 ohm, 60 cents.

Allen-Bradley Company, 487 Clinton St., Milwaukee, Wis. Filament. **BRADLEY - STAT PERFECT FILAMENT CONTROL.** \$1.85.

American Mechanical Labs., 285 North 6th St., Brooklyn, N. Y. **CLAROSTAT.**

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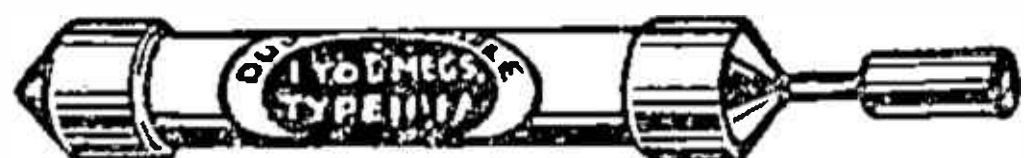
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NEW!

Panel Mount Type, \$1.00

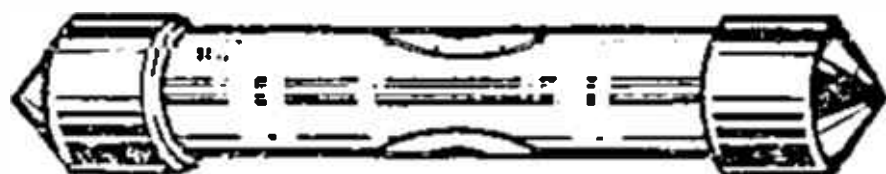
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High Resistance
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Standard type, 75c
fits all clips

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Over a Million in Use—An Asset to Any Set

The Mountford organization are pioneers in the manufacture of Grid Leaks, and to this day we are recognized as the country's foremost manufacturer of these highly important radio parts.



Mountford Plunger Type Variable
Grid Leak

As illustrated, fits any
standard Grid Leak mounting. **50c**

Mountford Grid Leak Mounting
Phosphor bronze, nickel clips, heavily coated, mounted on suitable base; one hole mount, no screws; no soldering. Takes any standard Grid Leak. Single, 20c; Double, 35c; Triple, 50c.

Mountford Fixed Grid Leak, 25c

Mountford Grid Leak and Condenser Mounting

Takes the place of two separate mountings. Saves time and space. **30c**

Mountford Transformer Leak
A variable leak covering a range of 5 to 100,000 ohms. Highly efficient in clearing up distortion. **60c**

Mountford Transformer Mounting
Fits any transformer. **25c**

Special Grid Leaks to order in any quantity and of any resistance value as used in resistance-coupling.

C. E. MOUNTFORD,

465-67 GREENWICH STREET
NEW YORK CITY

RHEOSTATS (Continued)

American Specialty Company, 115 Holland Ave., Bridgeport, Conn. REGAL. No. 140, \$1.00; No. 144, \$1.00.

Amsco Products, Inc., Fairbanks Bldg., Broome & Lafayette Sts., New York City. AMSCO VERNISTATS. Single; double; vernier; combined with potentiometer.

Beacon Radio Mfg. Company, 100 South 3rd St., Brooklyn, N. Y. panel and table mounting.

L. S. Brach Mfg. Company, 129 Sussex Ave., Newark, N. J. BRACH-STAT self adjusting. Filament Control, 75 cents.

Briggs & Stratton Company, 1047 Louis Ave., Milwaukee, Wis. BASCO. Vernier. \$1.25.

Bronx Radio Equipment Company, 687 Courtlandt Ave., Bronx, New York City. BRECO. 75 cents.

Bruno Radio Corp., 222 Fulton St., New York City. BRUNO. No. 12, 75 cents.

J. H. Bunnell & Company, 32 Park Place, New York City. BEEKO. Front connected, \$1.50; back connected, \$1.80; multiple rheostat, \$3.50.

Carter Radio Company, 300 South Racine Ave., Chicago, Ills. CARTER VERNIER CONTROL RHEOSTATS. 3, 6, 10, 20, 25, & 30 ohms. \$1.75 each. IMP RHEO-STAT, 6 & 25 ohms, \$1.00.

Consolidated Instrument Company of America, Inc., 41 East 42nd St., New York City. CICO. Plain, \$1.00; Vernier, \$1.25; 2 ohms, \$1.25.

Martin Copeland Company, 101 Sabin St., Providence, R. I. MARCO. Plain \$1.00.

Central Radio Laboratories, 303 16th St., Milwaukee, Wis. CENTRAL-LAB No. 206, 6 ohm, \$1.25. No. 230, 30 ohm, \$1.25.

De Jur Products Company, Lafayette & Broome Sts., New York City. DE JUR JR.

D.X. Instrument Company, Union Trust Bldg., Harrisburg, Penna. Vernier. FIL-KO-STAT. With Battery Switch.

Electrad Inc., 428 Broadway, New York City. ELECTRAD 6, 10, 20, 30, ohms, \$1.00.

Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills. ERLA. 6 ohm, 25 ohm, and 40 ohm. *Erla Precision Rheostat, 4.5 ohm, 75c; 6 ohm, 75c; 10 ohm, 75c; 25 ohm, 75c; 30 ohm, 75c; 40 ohm, 75c.

Everett Radio Company, 5207 Dorchester Ave., Chicago, Ills. POLY-STATS. and POLY POTSTATS.

RHEOSTATS

Federated Mfrs. Corp., 905 Mission St., San Francisco, Calif. FED-ROLIAN.

Chas. Fischer Spring Company, 240 Kent Ave., Brooklyn, N. Y.

Forest City Rubber Company, 1276 Ontario St., Cleveland, Ohio. FOREST CITY.

Forman & Company, 366 Greenwich St., New York City. FORMAN & CO. 6 ohm cold, one hole mount molded 23-6 ohm Bakelite; one hole mount, 32c; 30 ohm cold, one hole mount, molded 28-30 ohm Bakelite, one hole mount, 35c.

Herbert H. Frost, Inc., 314 W. Superior St., Chicago, Ills. FROST RADIO TUBE CONTROL UNIT. No. 607, 6 ohm; No. 609, 25 ohm; No. 610, 35 ohm. Bakelite. \$1.75. Combination Potentiometer. RADIO. Bakelite Vernier No. 651, ohm, No. 653, 35 ohm; No. 657, 25 ohm, \$1.25 each. Plain No. 650, 6 ohm; No. 652, 35 ohm; No. 656, 25 ohm, \$1.10 each; Metal Frames, plain, No. 600, 6 ohm; No. 602, 35 ohm; No. 606, 25 ohm; 614, 10 ohm; 60c Vernier; 615, 15 ohm; 60c. No. 601, 6 ohm; No. 604, 35 ohm; No. 613, 25 ohm, 80c.

General Instrument Corporation, 423 Broome St., New York City.

General Radio Company, 30 State St., Cambridge, Mass. GENERAL RADIO CO. Type 214, \$2.25; type 214-A, back of panel; type 214-B, front of panel; type 301, \$1.25.

The Goyer Company, Williamantic, Conn. WINDHAM.

Hart & Hegeman Mfg. Company, Hartford, Conn. H. & H.

Hoosick Falls Radio Parts Mfg. Co., Hoosick Falls, N. Y.

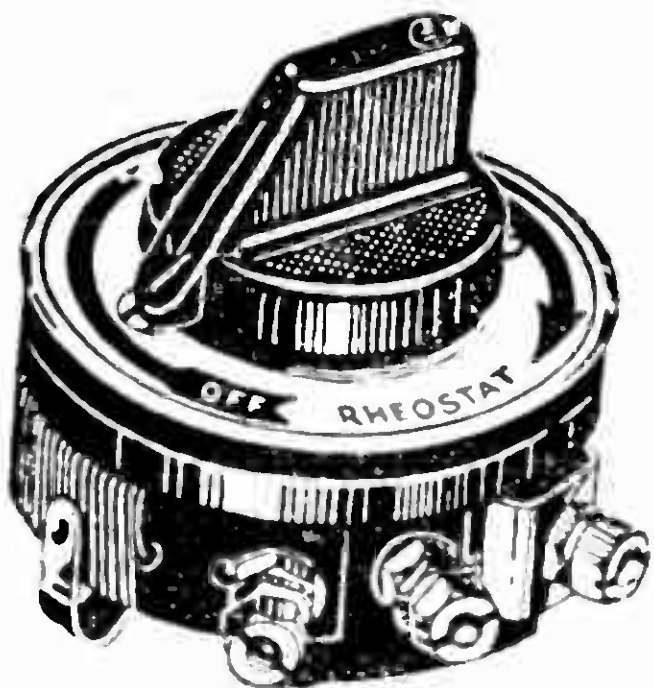
Howard Radio Company, Inc., 451 E. Ohio St., Chicago, Ills. HOWARD Micrometers. 6½, 25, 40 and 60 ohms.

Henry Hyman & Company, Inc., 476 Broadway, New York City. BESTONE. No. 733, with knobs, 6 ohm, 85 cents; No. 734, with knob, 10 ohm, 95 cents; No. 744, with knob, 15 ohm; No. 775, with knob, 30 ohm, 95 cents.

Jos. W. Jones Radio Mfg. Company, Inc., 40 West 25th St., New York City. JOS W. JONES. 6 ohm. \$1.00.

K. B. Mfg. Company, Washburn St., between Mission and Howard, San Francisco, Calif.

Kellogg Switchboard & Supply Company, Chicago, Ills. 3, 6, 25 ohms. \$.75 each.



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RHEOSTATS (Continued)

Radio Division King Quality Prod. Inc., Buffalo, N. Y. **KING QUALITY**. Plain, pointer type, \$1.10. Vernier pointer type, \$1.50; Plain black dial type, \$1.90; Vernier, black dial type, \$2.25.

Klosner Radio Corp., 1022 E. 178th St., New York City. **KLOSNER**. Plain and vernier.

Kodel Radio Corp., 507 E. Pearl St., Cincinnati, Ohio. **AUTOSTAT**.

Kurz-Kasch Company, Dayton, Ohio. **K.K.** Rheostats: Single Hole mounting, all resistances, with shaft only, with arrow knobs, with pointer knob, with 2 inch rheostat Dial All molded parts Bakelite only.

Magnus Elec. & Radio Mfg. Corp., 785 E. 138th St., New York City. **MAGNUS**. No. 8353, 30 ohm, 80c; No. 835, 6 ohm, 80c; No. 910, No. 950, 90c. Bakelite, 902; 2 ohm power. \$1.10 list.

Marshall Electric Company, 3225 Locust St., St. Louis, Mo. Vernier. \$1.75. **MARSHALL-STAT**.

The Mazda Radio Mfg. Company, 3411 Perkins Ave., Cleveland, Ohio. Both wire and graphite type.

Metro Electric Mfg. Company, Inc., 121 Prince St., New York City. **METRO**. Compression type.

Montrose Mfg. Company, 1333 Fulton St., Brooklyn, N. Y. **M.R.L.** 75 cents.

Frank W. Morse Co., 289 Congress St., Boston, Mass. 50c. Vernier. 75c.

Music Master Corp. 128 North 10th St., Philadelphia, Penna. **MUSIC MASTER**. 6, 12, 20, 30 ohms, 75c.

National Lead Company, Molding Division, 111 Broadway, New York City. Bakelite.

National Light & Electric Company, 59 Lafayette St., Newark, N. J. **NATIONAL**.

Neutrowound Radio Mfg. Company, 1721 Prairie Ave., Chicago, Ills. **NEUTROSTAT**.

Ogden Wireless Laboratories, 1068 Ogden St., New York City. **OWL**. \$1.25.

Pacent Elec., Co., Inc., 91 7th Ave., New York City.

Parker-Aeolus Corp., 161 Grand St., New York City.

Parkin Mfg. Company, Grand Ave., San Rafael, Calif. **PARKIN**. Dial type No. 100. \$1.25.

Philmore Mfg. Company, 105 Chambers St., New York City. **AJAX**.

Pilot Electric Mfg. Company, 323 Berry St., Brooklyn, N. Y. **PILOT**.

Polymet Mfg. Corp., 70 Lafayette St., New York City. **E-Z-STAT**.

RHEOSTAT BASES

Premier Electric Company, Grace and Ravenswood Ave., Chicago, Ills. **PREMIER MICROSTAT**. **SUPER Vernier**. Rheostat \$2.50.

Radio Products Manufacturing Company, 501 S. Jefferson St., Chicago, Ills. **RPM**.

Raven Radio Company, Albany, N. Y. **RAVEN**. Rheostats.

Reichman Company, 1725 W. 74th St., Chicago, Ills. **THOROLA**. No. 560, **THOROLA** 6 ohm Rheostat (single hole mounting), \$1.00; No. 561, **THOROLA** 15 Ohm Rheostat (single hole mounting) \$1.00.

Seiss Mfg. Company, Phillips Ave. and N.Y. Ry., Toledo, Ohio. **SEISS**. 6 ohm, 75 cents; with dial, 90 cents.

Sheffield Trimming and Stamping Company, 211 Centre St., New York City. **STASCO**.

Spec-Dee Specialty Company, 271 Canal St., New York City. **HERCULES PRODUCTS**. High-Heat Di-Electric Rheostat. Bakelite Rheostats, Bakelite one hole mounting.

The Sterling Mfg. Company, 2831 Prospect Ave., Cleveland, Ohio. **STERLING**. Soft tread—R305, 6 ohms, 1 amp; R306, 15 ohms, 1/2 amp; R307, 30 ohms, 1/4 amp; R-308, 50 ohms, 1/8 amp; \$1.25.

Tillman Products Company, 187 W. 9th St., Brooklyn, N. Y. **TILLMAN**.

United Scientific Labs. Inc., 80 Fourth Ave., New York City.

Unity Mfg Company, 224 North Halsted St., Chicago, Ills. **UNITY**. Vernier. Any Resistance. \$2.00; Unity Cartridge Rheostat with replaceable cartridges, \$1.00; Replaceable Cartridges, and Resistance. 40 cents.

John F. Walsh & Company, 347 Fifth Ave., New York City. **WATER-TOWN INTERNATIONAL INSULATING CORP.**

Wilcox Laboratories, 2206 East Michigan Ave., Lansing, Mich. **WILCOX**. Plain. vernier.

"X" Labs., 25 West 45th St., New York City. **X LABS**. (With or without vernier) \$1.25, and \$1.50.

Yaxley Mfg. Co., Chicago, Ills. **Yaxley APPROVED**.

RHEOSTATS AUTOMATIC (see Filament control devices; Rheostats)

RHEOSTAT BASES

American Insulator Corp., New Freedom, Penna. **AICO**. Bakelite.

Auburn Button Works, Inc., Auburn, N. Y.

R. H. P.

- Shaw Insulator Corp., Irvington, N. J.
 John F. Walsh & Company, 393 7th Ave., New York City.
 R H P—The Cooper Corp., Cincinnati, Ohio.—“A” and “B” batteries.
 RIC (in circle)—Radio Instrument Co., Washington, D. C.—Radio frequency transformers, amplifiers, coil aeri-als.
RIBBON AERIALS (see Aerials)
 RICHARDSON — Richardson Radio Co., Inc., 128 University Place, New York City.—Receiving sets, kits, couplers.
 RICO—Gilfillan Bros., Inc., 1815 W. 16th St., Los Angeles, Calif.—Variometers.
 RICO—Radio Industries Corp., 131 Duane St., New York City.—Rubber phone cushions, loud speakers, loud speaker units, head sets.
 RICOFONES — Radio Industries Corp., 131 Duane St., New York City.—Phones.
 RICO STRAIGHT LINE—Radio Industries Corp., 131 Duane St., New York City.—Variable condensers.
 RICOTUNABLE TALKER — Radio Industries Corp., 131 Duane St., New York City.—Loud speakers.
 RITTENHOUSE—The A. E. Rittenhouse Co., Honeoye Falls, N. Y.—Audio transformers
 RITTER COLLAPSIBLE LOOP—Ritter Radio Corp., 232 Canal St., New York City.—Aerials.
 RITTER GRAND—Ritter Radio Corporation, 232 Canal St., New York City.—Receiving sets.
 RITTER PORTABLE LOOP—Ritter Radio Corp., 232 Canal St., New York City.—Aerials.
 RIVOLI—Vincennes Phono. Co., Vincennes, Ind.—Cabinet loud speakers.
 ROBBINS — Robbins Electric Co., Pittsburgh, Pa.—Variable condensers.
 ROBERT MITCHELL.—The Robert Mitchell Furniture Co., 2nd and John St., Cincinnati, Ohio.—Cabinets.
 ROBERT—J. Nazeley Co., 571 Hudson St., New York City.—Coils, kits, tuners, tuning coils.
 ROBERTS — Roberts “B” Battery Co., 1120 Myrtle Ave., Brooklyn, N. Y.—“B” storage batteries.
 ROBERTS—Henry O. Roberts Co., 112 Trinity Place, New York City.—Head sets, lead-ins.
 ROCHESTER GENERATORS — Rochester Elec. Products Corp., 649 Driving Park Ave., Rochester, N. Y.—Generators.

ROYALTY

- RODALE—Rodale Mfg. Co., 492 Broome St., New York City—
RODS, MOULDED INSULATION (see Insulation)
RODS, GROUND (see Grounds)
 ROGERS RECEIVING—Rogers Radio Co., 5133 Woodworth St., Pittsburgh, Pa.—Variometers.
 ROKAY—Rokay Electric Co., Ingo-mar, Ohio.—Coils.
 ROLA—Rola Co., Oakland, Calif.—Adapters, phonograph, loud speakers, loud speaker units.
 ROLLER-SMITH (in circle)—Roller-Smith Co., 233 Broadway, New York City.—Head sets, measuring instruments.
 ROLL-O—The Rollo-O-Radio Corp., 141 W. Fourth St., Cincinnati, Ohio. — Receiving sets, crystals, crystal detectors.
 ROME—Rome Brass & Copper Co., Rome, N. Y.—Brass and copper tubing, washers, flexible lamp cord.
 ROME—Rome Electrical Co., Rome, N. Y.—Magnet wire.
 ROME HOLLOW — Rome Hollow Wire & Tube Co., Railroad St., Rome, N. Y.—Brass and copper tubing.
 ROMEWIRE — Rome Wire Co., Rome, N. Y.—Wire.
 ROSELLE—Roselle Mfg. Co., 227 E. 9th St., Roselle, N. J.—Panel engraving.
 ROTH MOTORS—Roth Bros. & Co., 1400 W. Adams St., Chicago, Ills.—Battery chargers.
ROTORS (See Insulation Molded)
 ROYAL—Adler Mfg. Co., 881 Broadway, New York City—Sets, receiving.
 ROVA—Rova Radio Corp., 119 W. 19th St., New York City—
 ROYAL SIXTEEN—Colin B. Kennedy Co., 6400 Plymouth St., St. Louis, Mo.—Sets, receiving.
 ROYALFONE KING OF ALL — Royal Electrical Laboratories, 109 Tichenor St., Newark, N. J.—Head sets, loud speaking units, acoustic control units, phonograph attachments.
 ROYAL POLYDYNE—Royal Radio Corporation, 19 Calendar St., Providence, R. I.—Receiving sets.
 ROYALTRON—Royal Mfg. Co., 206 Broadway, New York City.—Vacuum tubes.
 ROYALTY — Wireless Products Corp., 362 Broadway, New York City.—Grid leaks, variable grid leaks, variable high resistances, lead-ins.

ROYALTY

ROYALTY OF RADIO—Colin B. Kennedy Co., 6400 Plymouml. St., St. Louis, Mo.—Receiving sets.

ROYCRAFT—The Roycraft Co., 217 S. 5th St., Minneapolis, Minn.—Receiving sets, aerial equipment, plugs.

ROXITE — Northern Industrial Chemical Co., 11 Elkins St., So. Boston, Mass.—Molded insulation.

R-M—The Robbins & Meyers Co., Springfield, Ohio.—Loud speakers.

R. P. C.—Radio Products Company, Riverside Ave., Westport, Conn.—Variable condensers, variocouplers, variometers, receiving sets.

RPM—Radio Products Mfg. Co., 501 S. Jefferson St., Chicago, Ills.—Radio cabinets.

R P M (in diamond)—Radio Products Mfg. Co., Chicago, Ills.—Variometers, variocouplers, mounted and unmounted, coupled tuners, detectors, amplifying units.

R. R. CO. PRODUCTS—Radio Receptor Co., Inc., 106 7th Ave., New York City. — Lightning arresters, insulators.

R. S. K.—The R. S. K. Co., Caxton Bldg., Cleveland, Ohio.—Tubes.

RTS—Radio Testing Station, Binghamton, N. Y.

R275—Gilfillan Bros., Inc., 1815 W. 16th St., Los Angeles, Calif.—Transformers.

RUBBER CUSHIONS (see Cushions)

RUBBER

(hard and soft, for panels, moulding, mountings, etc.)

American Hard Rubber Company, 11 Mercer St., New York City. **RA-DION**. Hard Rubber.

The Canfield Rubber Company, Bridgeport, Conn. **REDTEX BLACKROCK**. Special Moulded rubber parts to specifications.

The B. F. Goodrich Rubber Company, Radio Dept., Akron, Ohio.

R-W

GOODRICH. Sheets, Rods, Tubing. Miscellaneous moulded and hard rubber. turned goods.

Miller Rubber Company, Akron, Ohio. Hard rubber, soft; sponge; cushions, parts.

N. Y. Hard Rubber Turning Company, 212 Centre St., New York City. Hard Rubber.

RUBBERLITH — Marko Storage Battery Co., 1402 Atlantic Ave., Brooklyn, N. Y.—“A” storage batteries.

RUBEROID—Ruberoïd Co., 95 Madison Ave., New York City.—Insulating paint.

RUBICON—Rubicon Co., 409 Victory Bldg., Philadelphia, Pa.—Superheterodyne kits, transformer kits.

RUBICON DUPLEX—Rubicon Co., Philadelphia, Pa.—Push-pull transformers.

RUBICON NAVY TYPE—Rubicon Co., Philadelphia, Pa.—Audio, radio(and push-pull transformers.

RUCKELHAUS—John E. Ruckelhaus, Inc., 49 Commercial St., Newark, N. J.—Sets, receiving.

R-U-F—R-U-F Products Co., 292 Liberty Ave., Brooklyn, N. Y.—Crystals, grid leaks.

RUN-A-RADIO — Rader Appliance Co., 4912 Hudson Blvd., West New York, N. J.—Current supply devices.

RUNZEL-LENZ—Runzel Lenz Electric Mfg. Co., 1751 N. Western Ave., Chicago, Ills.—Phone cords, loud speakers.

RUSONITE-BLOW-PROTECTORS — Rusonite Prod. Co., 15 Park Row, New York City—Tube protectors.

RUSONITE—Rusonite Products Co., 15 Park Row, New York City.—Crystal detectors, cat whiskers, fixed condensers.

R-W—R-W Mfg. Co., 224 N. Halsted St., Chicago, Ills.—Crystal detectors, die castings, receiving sets.

SAAL

SAAL—H. G. Saal Co., 1800 Montrose Ave., Chicago, Ills.—Loud speakers, phonograph attachments, loud speaker units.

SAFELOCK—Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.—Switches.

SAMBER—Samber Radio Products Co., 27 School St., Boston, Mass.—Voltmeters.

SAMSON — Samson Cutlery Co., Rochester, N. Y.—Soldering irons.

SAMSON — Samson Electric Co., Canton, Mass. — Audio frequency transformers, headsets, radio frequency transformers, couplers.

SANGAMO—Sangamo Elec. Co., Springfield, Ill.—Cond. fixed and mica.

SATURN—The Saturn Mfg. & Sales Co., Inc., 48 Beekman St., New York City.—Plugs, jacks.

SAWS, PANEL (see Machinery, panel)

S B C O—Scranton Button Co., Scranton, Pa.—Dials.

SCALOMETER — Emblem Mfg., Corp., 251 Middle City Bldg., Philadelphia, Pa. — Distance measuring tape.

SCHOONHOVEN — R. C. Schoonhoven, 310 Seneca St., Elgin, Ills.—Coils, receiving sets.

SCHUTZ BROS. INC.—Schutz Bros. Inc., 152 Chambers St., New York City.—Cabinets.

SCHWARTZ—Maurice Schwartz & Son, 710 Broadway, Schenectady, N. Y.—

SCHWENKE—Schwenke Radio Panel Eng. Co., 2036 Woodward Ave., Detroit, Mich.—Engraving.

SCHWARZE—Schwarze Electric Co., Adrian, Mich.—Head phones.

SCIENTIFIC—Scientific Equipt. Co., 393 Maple Ave. N., Ridgewood, N. J.—Transformers.

SCIENTIFIC—Tower Mfg. Corp., 96 Brookline Ave., Boston, Mass. — Loud speaker units, phonograph attachments, head sets, loud speakers.

SCREW DRIVERS (see Tools, hand)

SCREW EYES (For Insulators)

Parker Metal Goods Company, 28 Cherry St., Worcester, Mass.

SCREW MACHINE PRODUCTS

Arrow Hardware Corp., 27 Vestry St., New York City. Brass, Steel, Rubber, and fibre.

The Wallace Barnes Company, Bristol, Conn.

David Bell Company, Inc., 1555 Filmore Ave., Buffalo, New York
BELCO.

SCREWS

The Blake & Johnson Company, Waterbury, Conn.

Bridgeport Brass Company, Bridgeport, Conn. **BRIDGEPORT.** Automatic.

Chicago, Nut Mfg. Company, 109 Lafayette St., New York City. Screw Machine Products.

Eclipse Machine Company, 15th and Garden Sts., Hoboken. New Jersey.

Harvey Hubbell, Inc., Bridgeport, Conn.

Lovejoy Chaplet Company, River St. & B. & M. R. R., Hoosick Falls, New York.

Merit Machine Mfg. Corp. 465 Greenwich St., New York City. **MERIT.**

Millimeter Machine Works, Inc., 542 West 22nd St., New York City.

National Acme Company, Cleveland, O. **NAMCO.**

Olson Mfg. Company, 56 Commercial St., Worcester, Mass. **OLSON.**

Peck Spring Company, Plainville, Conn.

The Perry Fay Company, Elyria, Ohio. Screw Machine Products.

Pheoll Manufacturing Company, 5700 Roosevelt Rd., Chicago, Ills. Cape screws; nuts; semi finished nuts.

Screw Machine Products Corp., Providence, R. I. **SPECIAL.**

Steele & Johnson Company, 779 S. Main St., Waterbury, Conn. S. & J. Blanckedard formed pieces.

Unity Mfg. Company, 224 Halsted St., Chicago. Ills.

Waterbury Mfg. Company, Waterbury, Conn. Brass & Iron.

Western Brass Mfg. Company, West 21st and Marshall Blvd., Chicago, Ills.

Wicaco Screw & Machine Works, Inc., Stenton Ave., and London St., Philadelphia, Penna.

SCREWS (Assortments and bulk)

Blake & Johnson Company, Waterbury, Conn. Machine screws.

Bridgeport Screw Company, Union Ave., Bridgeport, Conn.

Chicago Nuts Mfg. Company, 2513 W. Cullerton St., Chicago, Ills.

CHICAGO. Machine Screws; Machine screw nuts; special screws; nuts in brass or iron.

Dixie Supply Co., 91 7th Ave., New York City. **DIXIE.**

Electrical Research Labs. 2500 Cottage Grove Ave., Chicago, Ills.

ERLA. Machine, Nickel, R-H, 6-32, ¼-inch, 6-32, ¾-inch, Wood,

R. H. N. Nickeled, No. 5, 1-inch; No. 4, ⅜-inch; No. 6, ¾-inch.

SCREWS (Continued)

- Henry Frank, Jr., Inc., 380 Hudson St., New York City **ECLIPSE**—Screw Assortments
- A. E. Hill Mfg. Company, 80 Mangum St., Atlanta, Ga. **HILCO HANDYKANS**.
- Mohawk Electric Corp., 2220 Diversey Blvd., Chicago, Ills. **MOHAWK**. Lug, Nut, Screw and Binding Post Display Assortments.
- Spear Mfg. Company, Newark, New Jersey, **SPEAR**.
- Steele & Johnson Company, 779 S. Main St., Waterbury, Conn. S. & J.
- Triple-A-Specialty Company, 628 West Jackson Blvd., Chicago, Ills. For batteries.
- Waterbury Mfg. Company, 236 Grand Street, Waterbury, Conn. Machine screws.
- Weber Electric Works, Brooklyn Station, Cleveland, Ohio. **TINKER BOX**. Assortment No. 118, No. 12, No. 15. Brass nickel-plated wood screws, machine screws, nuts, washers, terminals, etc.
- SEAFOAM**—Radio Concert Equipment Co., 946 South Flower St., Los Angeles, Calif.—Vario couplers.
- SEAFONE**—Kenney Co., 62 Dey St., New York City—Loud speakers.
- SEA-TONE**—Tonks Bros. Co., High St., Newark, N. J.—Loud speakers.
- SECO** (within diamond)—Spielman Electric Co., Inc., 311 West 59th St., New York City—Head phones, receiving sets, variable grid leaks and mica condensers (combined), crystal receiving sets, sockets, head sets, cords, loud speaker units.
- SECURITY**—Security Electric Mfg. Co., 2635 Canton St., Chicago, Ills.—Soldering irons.
- SEIBT**—Firth Radio Corp., 25 Beaver St., New York City—Loud speakers (without horns).
- SEISS**—The Seiss Mfg. Co., Phillips Ave. and N. Y. C. Ry., Toledo, Ohio—Switch levers, rheostats, vacuum tube sockets.
- SELCO**—Spies Electric Works, 564 West Van Buren St., Chicago, Ill.—Head sets; jacks.
- SELECTO**—J. Nazeley Co., 571 Hudson St., New York City.—Folding loops.
- SELECTORS** (see Wave traps; Tuning devices)
- SELECTRODYNE**—Radio Service, 708 State St., Erie, Pa.—Radio sets.
- SELECTODYNE**—Radio-Rite Service Labs., Newark, N. J.—Receiving sets.

SETS, RECEIVING

- SELECTOR**—The Langbein-Kaufman Radio Co., 511 Chapel St., New Haven, Conn.—Couplers.
- SELECTOFORMERS**—Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ills.—Couplers.
- SELECTRON**—Audak Co., 565 Fifth Ave., New York City—Adapters, phonograph.
- SELFBLO**—Hunt-Lasher Co., Inc., 202 Harrison Ave., Boston, Mass.—Torches.
- SENSORY**—Heinemann Electric Co., 1730 N. 5th St., Philadelphia, Pa.—Complete line, insulators, lightning arresters, vernier dials, sockets, ground clamps, switches, etc.
- SENSORY**—U. T. Hungerford Brass & Copper Co., 80 Lafayette St., New York City—Lightning switches, lightning arresters, battery switches, vacuum tube sockets.
- SENTINEL**—Essex Mfg. Co., 117 Mulberry St., Newark, N. J.—Lightning arresters.
- SEPARATORS, BATTERY**
- SERCO**—F. J. Scheib & Sons, 6243 Station St., Pittsburgh, Pa.—Switch parts, transformers, condensers, binding posts, contact points, crystals, screws, crystal detectors.
- SERGEANT**—The H. H. Eby Mfg. Co., Philadelphia, Pa.—Metal binding posts.
- SERVICE**—Service Radio Co., New York City.
- SERVICE BUYING**
The Radio Dealer Service Bureau, 1133 Broadway, New York City. Free service to all the trade on every subject.
- SET-O-SIX**—The Perry Fay Co., Elyria, Ohio—Socket wrenches.
- SETS BROADCASTING** (See Stations, broadcasting)
- SET CLEANER**
Peiffer & Company, 88 Liberty St., Newark, N. J. **NO DUST**. Blower for cleaning radio.
- SETS, HEAD** (see Phones)
- SETS, RECEIVING**
(Crystal, tube, special type, knock-down, etc.)
Able Tool & Engineering Company, West Elm St., Chicago, Ills. **ATEC**.
- A-C Electrical Mfg. Company, Dayton, Ohio. **A-C DAYTON XL-10**. Glass encased, 5 tube tuned radio frequency, \$125. **A-C DAYTON XL-15**, mahogany console cabinet.

The Profitable Line

MARWOL

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In Illinois, Indiana, Wisconsin
The Barsok Co.,
53 West Jackson Blvd.,
Chicago, Ill.

In Nebraska, Kansas, Iowa, Missouri
J. P. Meyer,
106 Mutual Bldg.,
Kansas City, Mo.

In Nevada, Arizona, Texas, Arkansas, Mississippi, Tennessee, Louisiana
I. D. Tuttle Co.,
2006½ Commerce St.,
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Jack Hursch Co.,
1644 Stout St.,
Denver, Colo.

In Michigan
Dungen-Sternfield,
25 North Dearborn St.,
Chicago, Ill.

In Minnesota, No. Dakota, So. Dakota
C. L. S. Holmes,
502 Boston Block,
Minneapolis, Minn.

In California
Marshank Sales Co.,
926 Ins. Ex. Bldg.,
Los Angeles, Calif.

In Oregon, Washington
C. E. Gay,
166 Lownsdale St.,
Portland, Ore.

In Idaho
R. T. Carr,
906 Sprague St.,
Spokane, Wash.

SETS, RECEIVING (Continued)

Built-in loud speaker, \$185. Prices higher Denver and West.

Adler Mfg. Company, 881 Broadway, New York City. **ADLER-ROYAL**. Model 199, 5 tube, Neutrodyne, \$125, \$160.00. Also model 201 A, 5 tube neutrodyne, \$125.00.

Adroit Tool Company, Inc., 14 Front St., New York City. **ADROLA**, 5 tube tuned radio frequency, R-5-p (plain cabinet) \$60.00; R-5-S (built in loud speaker and unit) \$75.00; R-5-c (console type) \$125.00.

Advance Electric Company, Los Angeles, Calif. **ADVANCE**.

Aer-A-Dyne Mfg. Company, Broad & Hubbell Sts., Utica, N. Y.

The Ainsworth Radio Company, 306 Main St., Cincinnati, Ohio. **TORODYNE**. 5 tube tuned radio frequency amplification.

Airline Radio Company, 1548 St. Nicholas Ave., New York City.

Air-Ola Radio Company, 615 16th St., Huntington, W. Va. **JUST-RITE**.

Airo Master Corp., 227 West 17th St., New York City. **AIRO-MASTER**, 5-Tube tuned Radio Frequency, chest model, \$60.00; concert model, loud speaker, \$75.00; table console, \$130.00; highboy console, \$150.00.

Airway Electric Appliance Corp., 618 Broadway, Toledo, Ohio. **AIRWAY**. Model No. 61, \$98.75; Model No. 62, \$137.50; Model No. 63, \$197.50; No. 51, \$87.50; No. 41, \$49.50.

Ajax Electric Specialty Company, 1011 Market St., St. Louis, Mo. **AJAX**. Out door antenna sets.

Alb Radio Mfg. Company, 145 Rochester Ave., Brooklyn, New York. Receiving sets on contract.

Alladin Mfg. Company, Muncie, Ind. **ALADYNE**. List price \$75.00.

All American Radio Corp., 4201 Belmont Ave., Chicago, Ills. **ALL-AMAX**. Reflex Junior, 1 tube, \$22. Senior 3 tubes, \$42.

Amber Mfg. Company, 599 11th Ave., New York City. **MARVODYNE**. Console. Model "T" \$90.00; model "DC" \$185.00; model "D," \$125.00.

Amerex Electric Corp., 232 Greenwich St., New York City. **AMEREX 101** 5 tube tuned radio frequency. List Price, \$30.00; **AMEREX ELECTRIC**. Operates without batteries.

American Apparatus Company, American Bldg., Richmond, Ind. **AMACO CN-8**, four tube tuned R F, \$60.00; **CN-9**, four tube tuned R F, with Baldwin reproducer Built-in, \$80.00. Frequency converting Heterodyne Unit, \$38.00.

SETS, RECEIVING

American European Radio Corp., 342 Madison Ave., New York City. **PORT - O - RADIO. PORTABLE.** \$150.00 complete.

American Interstate Radio Service, 183 Greenwich St., New York City.

American Radio & Research Corp., Medford Hillside, Mass. **AMRAD**. Neutrodyne. 5 tube model, T-5, \$85.00. 6 tube Neutrodyne with Battery Eliminators; 7 tube Neutrodyne with Battery Eliminators.

American Sales Company, 415 Bryson Bldg., Los Angeles, Calif. **THE "INDIAN."** Portable 1 tube list Price \$14.90.

American Specialty Company, Bridgeport, Conn. **ELECTROLA**. \$125.

American Wireless Corp., 54 West 23rd St., New York City. **AMERICAN WIRELESS**. Console. Five tube tuned radio frequency, encased in cabinet veneered in two tone walnut. Built-in loud speaker. \$165.00.

Amplex Inst. Labs., 88 West Broadway, New York City. **AMPLEX De-Exer**.

Amsco Products Inc., 416 Broome St., New York City. **MELCO SUPREME AMSCO**. Radio Frequency.

Andrews Radio Company, 435 N. Michigan Ave., Chicago, Ills. **DERES-NA-DYNE**. Radio Frequency, De Luxe Model \$165.00. Model M. \$125.00.

Apex Electric Mfg. Company, 1410 West 59th St., Chicago, Ills. **APEX SUPER FIVE**, \$95.00, without accessories. **APEX BABY GRAND**, \$225.00. **APEX DE LUXE**, \$135.00. **APEX CONSOLE ENTERTAINERS**, \$27.50.

Appleby Radio Company, 1134 South Cecil St., Philadelphia, Penna. Appleby 5 \$135.00 **APPLEBY XV** \$135.00 Appleby X \$230.

Argentite Radio Corp., 116 North Daly Street, Los Angeles, Calif. **ARGENTITE**. Combination three tube & crystal set.

Argus Radio Corp., 25 W. 18th St., New York City. **POWER ELECTRIC RADIO**.

Astral Radio Corporation, 1237 North Broad St., Philadelphia, Penna. **ASTRAL**. Type A, \$67.50; Type B, \$90.00. Console Types, Type C, with built-in loud speaker, \$175.00; Type P, with built-in loud speaker, \$215.00.

Howe Radio Receiver

*The Fastest Selling
Crystal Set Made*



At \$1.75 the Howe Radio Receiver sells at sight.

It is the neatest, most attractive set made, having the appearance of a much higher priced article. Receiving radius of 25 miles—range 200 to 600 meters.

Howe Products Co. 120 N. Green St., Chicago, U. S. A.

HALLERIO CRYSTAL SETS

3 Models, List Price \$1.00—\$2.50—\$3.50

Complete with Phone and All Accessories, \$6.00

Attractive Discounts

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BROADCASTING STATION OPERATION

a section of THE RADIO DEALER, is the only medium devoted to the men who own and operate broadcasting stations. A sample copy of THE RADIO DEALER may be had free of charge. Subscription two dollars and fifty cents per year.

THE RADIO DEALER

1133 Broadway,

New York City

SETS, RECEIVING (Continued)

- Atlas-Colonial Radio Corporation, East Ave., & 10th St., Long Island City, N. Y. "Atlas Colonial."
- Audiola Radio Company, 430 South Green St., Chicago, Ills. AUDIOLA. Crystal, knock-down-unit, portable, radio frequency.
- Audio-Tone Radio Company, 2831 Middletown Rd., Bronx, New York City. AUDIO-TONE, 3-tube tuned radio frequency, \$35.00; 5-tube tuned radio frequency. AUDIO-TONE SUPER-FIVE, \$50.00; AUDIO-TONE DUO-FLEX, 3-tuned tube Radio Freq. Refl., \$35.00; AUDIO-TONE JUNIOR 2-tube, \$13.50; AUDIO-TONE, Junior 1 tube, \$7.50.
- R. August & Company, 2 Rector St., New York City.—Built to Specifications.
- Auto Indicator Company, 210 North Ottawa St., Grand Rapids, Mich. POCKET RADIO. Portable. Vacuum Tube, \$23.50.
- Automatic Radio Mfg. Company, 214 Hanover St., Boston, Mass. BLUE BIRD, one tube, \$13.50.
- Autometal Corp., Niagara Falls, N. Y.
- Batteryless Radio Corp., 1457 Broadway, New York City. NO-BATTERY; BAT-RY-LES.
- Beales Radio Electric Company, 28 Rose Ave., San Anselmo, Cal. Radio Frequency Tuned and Untuned. Custom built only. Only.
- Beaver Electric Corp., 35 York St., Brooklyn, N. Y. BEAVERTONE FIVE. \$80.00.
- Beaver Machine & Tool Company, Inc., 625 North 3rd St., Newark, N. J. BABY-GRAND. Crystal \$3.50. Model R-1, Model R-21.
- Beldyne Radio Company, 308 Williams Ave., Brooklyn, N. Y. BELDYNE.
- Better Radio Products, 2625 South Walnut St., Muncie, Ind. STANDARD, "4," \$39.00; "5," \$46.00. DE LUXE "4," \$44.00; "5," \$51.00. CONSOLE, "4," \$135.00; "5," \$149.00.
- Biltmore Radio Company, Boston 30, Mass. BILTMORE MASTER: Radio Frequency, Receiving Set. Model T5, \$68; BILTMORE MASTER REFLEX, Model V, 5 tube, \$100; BILTMORE MASTER REFLEX, Model V1, 6 tube resistance coupled, \$115; BILTMORE MASTER REFLEX, Model V-C, Console. \$185; BILTMORE MASTER REFLEX, Model V1-C, Console. \$200.

SETS, RECEIVING

- Blair Radio Laboratories, 23rd St., and 6th Ave., New York City. BLAIR RADIO. No. 11, 6-tube tuned radio frequency, (Resistance coupled audio) \$75.00; No. 13, \$125.00; No. 15, \$150.00.
- Blue Seal Mfg. Company, 1408 South Michigan Ave., Chicago, Ills. BLUE SEAL. Model 4, \$70.00; Model 5, \$140.00. SEAL SEAL T. R. F. \$135.00.
- Boissier Radio Corp., 81 Tenth St., Long Island City, N. Y.
- Boissonault & Company, 141st St. & Canal Place, New York City. WHITESTONE. 5 tube.
- Boldo Radio & Electric Company, 2726 Master St., Philadelphia, Penna. Crystal. BOLDO. Vacuum tube, \$10.00; crystal, \$2.00.
- Henry G. Boselli, 118 So. Second St., Lakeview, N. J. BOSELLI RADIOCAST. 5 tube console mahogany cabinet \$125.00.
- Bosworth Electric Mfg. Company, Montgomery & Lexington, Norwood, Ohio. BOSWORTH, 5 tube radio frequency, \$155.00.
- Brandeis Electric Mfg. Company, 1841 Broadway, New York City. BRANDEIS. Model VT-100, \$100; model BC-150, console, \$150; Model BG-200, \$200.
- Charles A. Branston, Inc., 815 Main St., Buffalo, N. Y. 5 tube HETROLA, walnut cabinet, \$75.00; console type, \$120.00.
- Bronx Radio Equipment Company, 637 Courtlandt Ave., New York City. BRECO. Detector and 2 stage amplifier, \$50. 5-tube, detector, 2 stages audio, 2 stages radio, \$100.
- Buckwalter Radio Corp., 2632 Prairie Ave., Chicago, Ills. SUPERTONE. Superheterodyne 8 tubes, \$175.00.
- California Radio Minerals, 904 Oak Grove Ave., Burlingame, Calif. A-1 Crystal.
- Capitol Distributing Company, Inc., 25 West 18th St., New York City. Power electric receiver, 6ethmeth \$160.00; \$235, and \$300. Panel, 6 tube, \$145.
- The Carter Mfg. Company, 1728 Coit Ave., E. Cleveland, Ohio. CARCO.
- Chas. E. Chapin Co., Inc., 227 Fulton St., New York City.
- Chieftan Radio Corp., Diversey Blvd., Bridge, Chicago, Ills. CHIEFTAN Single control 5 tubes, built in loud speaker, \$135.00.
- Chelsea Radio Corp., 179 Spruce St., Chelsea, Mass. Chelsea Super-Five \$50.00



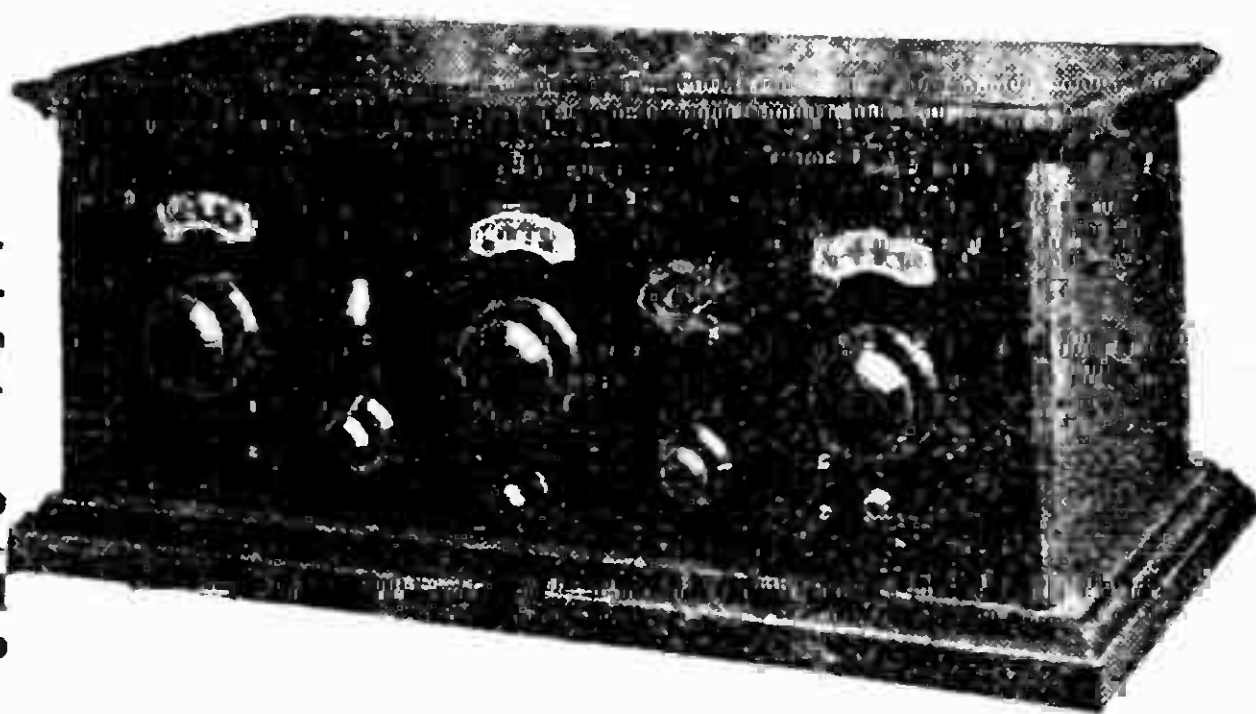
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New Model

Superlatives and adjectives are not adequate to describe the new Eagle Radio Receivers.

Suffice therefore to state that in appearance, performance and stability, they have no peer.

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From its descriptive, illustrated pages you can select models most adaptable to your trade.

Old Policies

Production in harmony with quality, which sets a Standard of Excellence on each individual Receiver.

A Weekly Broadcast of Talented Artists who furnish **QUALITY** Entertainment, under the title of **EAGLE** Neutrodyne Trio from Station **WEAF**, New York City.

*This trade mark
stands for*



*all that is best
in Radio*

Eagle Radio Company

16 BOYDEN PLACE

NEWARK, N. J.

SETS, RECEIVING (Continued)

Chicago Radio Lab., 310 S. Michigan Ave., Chicago, Ills. ZENITH.

The Cleartone Radio Company, Cincinnati, Ohio. CLEARSTONE. Seven tube "complete" loop sets, functioning on dry cell tubes.

Cleveland Automobile Accessories Company, 7823 Carnegie Ave., Cleveland, Ohio. SUPERTONE FIVE RADIO, \$100.00.

Concert Radiophone Company, 1938 Euclid Ave., Cleveland, Ohio. CONCERT JR. \$3.50, Crystal; CONCERT DE LUXE, \$75.00. Tuned Radio Frequency; CONCERT GRAND, Tuned Radio Frequency, \$50.00; CONCERT MONOTUBE, \$12.50, Three circuit Regenerative; CONCERT TRIBUTE, \$35.00, three circuit regenerative.

Cosmopolitan Plusiformer Corp., 15 West 18th St., New York City. COSMOPOLITAN FIVE, tuned radio frequency, \$59.00.

Crain Bros. Radio Shoppe, 2304 Telegraph Ave., Oakland, Calif.

Crosley Radio Corp., Cincinnati, O. \$9.75 to \$112.50.

The Dayton Fan & Motor Company, Dayton, Ohio. DAY-FAN. OEM-12, (4 tube set) \$75.00. OEM-7, (4 tube set), \$98.00. DAYOLA, (4 tube set) \$110; DAY-FAN 5 (5 tube set) \$115; DAYCRAFT (5 tube set) \$145; DAYCRAFT with legs, (5 tube set), \$165; DAY-GRAND (5 tube set) \$195; DAY-ROYAL, (5 tube set) \$300; DAY-TONIA, (5 tube set), \$300; DAY-PHONE (5 tube victrola panel) \$105; DAY-FAN SPEAKER, \$30.00.

Deem Radio Products Corp., 177 Greenwich St., New York City. SUPERADIO. 5 tube tuned radio frequency, \$75.00. SUPERIOR, 5-tube radio frequency, \$35.00.

Deitrickson Radio Company, Inc., 3rd and Edmund St., St. Joseph, Mo. 1 tube, \$10.00; 2 tubes, \$16.00; 5 tubes, \$60.00, \$85.00.

DeWitt-LaFrance Company, Inc., 54 Washburn Ave., Cambridge, Mass. SUPERADIO. Five and six tube radio frequency reactodyne sets, two dial control, new principle \$56.00 and \$70.00.

Distantone Radios, Inc., Lynbrook, Long Island, N. Y. DISTANTONE.

SETS, RECEIVING.

Dungan Sternfield Radio Sales 25 North Dearborn St., Chicago, Ills. RED BAND.

Durban Electric Company, 400 N. Laramie Ave., Chicago, Ills. Crystal. DURBAN.

D. X. Instrument Company, Union Trust Bldg., Harrisburg, Penna. KING COLE V, KING COLE III.

Eagle Radio Company, 16 Boyden Place, Newark, N. J. EAGLE BALANCED NEUTRODYNE Model F, 5 tube neutrodyne circuit. \$150.00.

Eisemann Magneto Corporation, 165 Broadway, New York City. EISEMANN. Five tube tuned radio frequency. 6-D, Mahogany cabinet, \$125.00.

Electric City Nov. & Mfg. Company, 126 Odell St., Schenectady, New York. Crystal, RADIO, \$5.00.

Electric Machine Corp., 529 North Capital Ave., Indianapolis, Ind. Radio Frequency. ELMCO. \$75.00.

Electric Service Engineering Corp., 105 West 47th St., New York City. DYNODYNE. Radio Frequency. \$150.00, \$250.00 and \$300.00.

Electrical Research Labs., 2,500 Cottage Grove Ave., Chicago, Ills. ERLA. DUO-REFLEX, Knock-Down, 1 tube, \$27.35; 2 tubes, \$36.96, 3 tubes, \$49.36; assembled reflex, cabinet and portable, \$67.50 to \$225.00. ERLA CIRCLOID FIVE \$69.50; ERLA CIRCLOID FIVE DE LUXE, \$77.50; ERLA CIRCLOID FIVE console standard \$113.50; SUPERIONFLEX UNI. \$113.50; ERLA CIRCLOID FIVE (De Luxe) \$142.50.

Electrical Research & Mfg. Company, Waterloo, Iowa. SUPERIOR-FLEX. Model S-3, \$100.00; Model P-3, \$125.00; 419-3, \$250.00.

El-Paige Radio Company, 1416 Broadway, New York City. PAIGE. 1 tube \$17.50, Crystal \$5.00.

E. & N. Products Company, 1744 Ogden Ave., Chicago., Ills. E. & N. PRODUCTS. A. C. and D. C. Sets.

Equitable Radio Corp., 300 Madison Ave., New York City. CLARATONE. Standard, \$39.00; Cabinet models, completely equipped. Nos. 69, 129, 131, 141, 145, Tuned Radio Frequency, \$39.00.



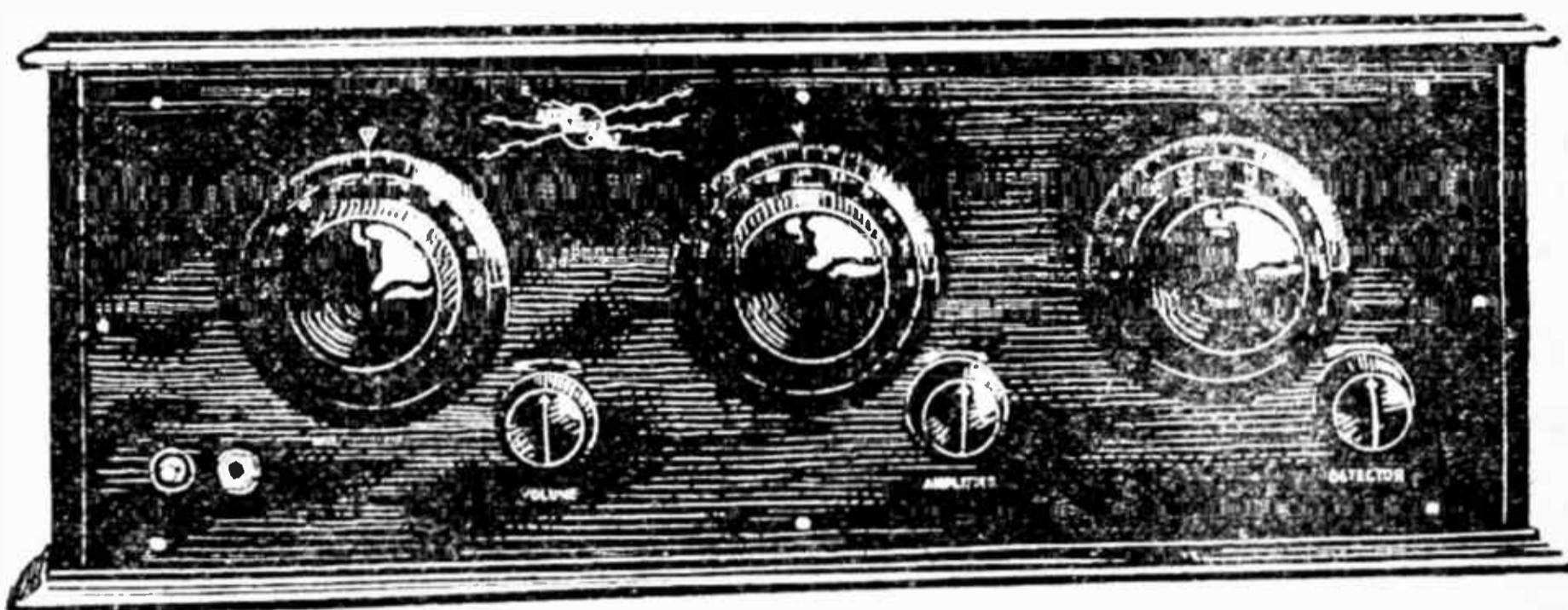
ASTRAL TONE THROAT

{LOUD SPEAKER}

—FOR ANY MAKE OF RECEIVER—

Newest Thing in Reproducers

All Wood—Mahogany Finish



ASTRAL TYPE A RECEIVER \$67.50

5 TUBE TUNED RADIO FREQUENCY

Type B—Solid Mahogany. Sloping Panel; \$90.

Type C—3-Compartment; Built-in-speaker; battery space; \$175.

Type P—Pooley 3-Compartment Cabinet; Pooley built-in speaker; battery space; \$215.

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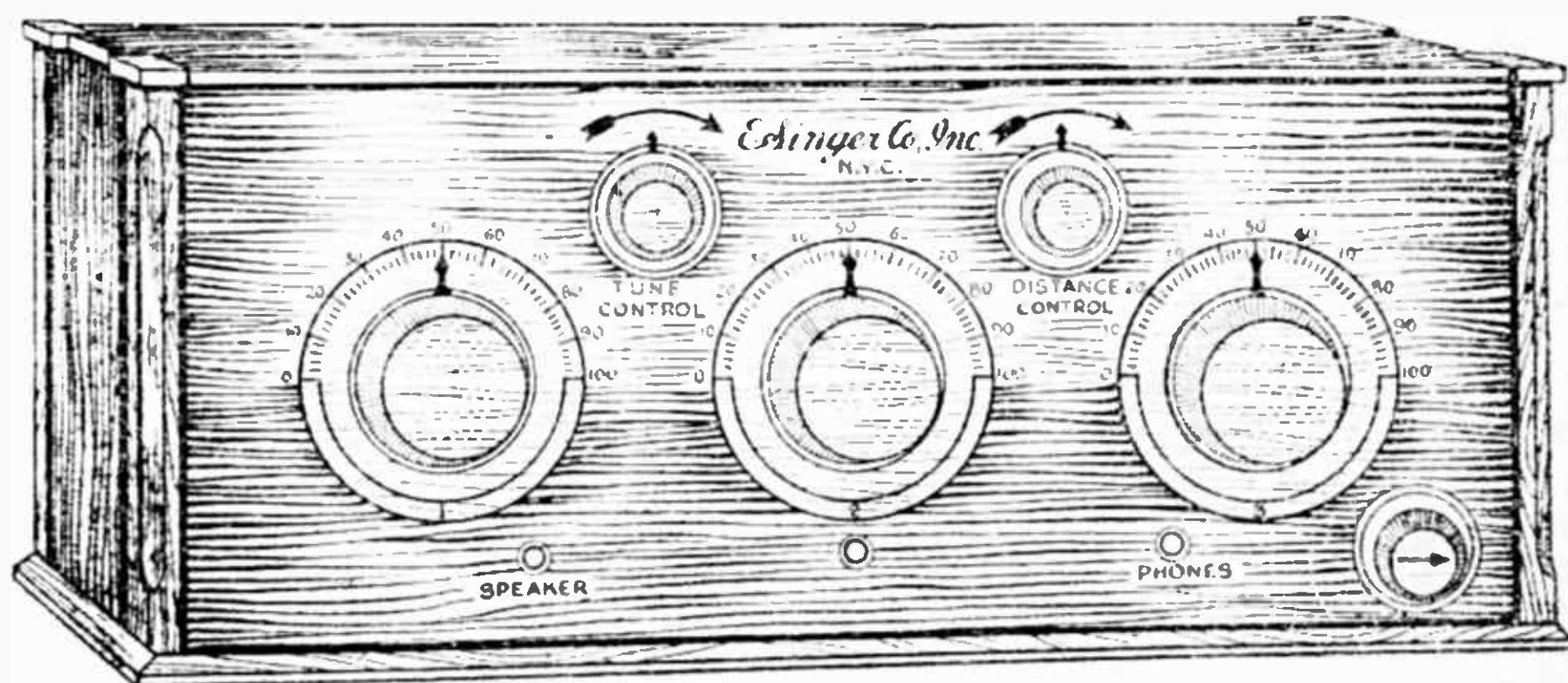
SETS, RECEIVING (Continued)

- Evolution Phone Company, Inc., 221 East 124th St., New York City. TYROLIAN, crystal reflex 1 to 3 tube, and plain crystal; to order only.
- Farmer's Wireless Telephone Company, 157 Chambers St., New York City. Radio Receiver Type 6 Tuned Radio Frequency coupled with Res. Amplification. JUNIOR plain cabinet, size 18x18 inches. Artistic design of cabinet, table type size, 7x26x11½ inches. Two last models self contained.
- Farrand Mfg. Co., Long Island City, N. Y.
- G. A. Radio Manufacturing Corporation, 18 Central Avenue, West Orange, N. J. VOCELESTE. PICO. Five and six tubes. Also portables.
- Federal Radio Corp., Buffalo, N. Y. FEDERAL ORTHO-SONIC. \$75.00 to \$350.00.
- Federal Telegraph Company, General Sales Office 1438, Woolworth Bldg., New York City. Executive Offices. Hobart Bldg., San Francisco; Calif. KOLSTER RADIO. Type 6-A, \$175.00; Type 6-B; \$225.00; Type 8-B, \$265.00; Type 8-C, \$375.00.
- J. B. Ferguson, Inc., 41 East 42nd St., New York City. FERGUSON FOUR, \$95.00; FERGUSON SIX, \$180.00; FERGUSON SIX console, \$290.00; FERGUSON EIGHT, \$226.00; FERGUSON EIGHT console, \$348.00.
- Flash Radio Corporation, 127 Federal St., Boston, Mass. FLASH. Vest pocket radio.
- Forman & Company, New York City. Crystal FORMAN & COMPANY. 2 slide tuner.
- Freed Eisemann Radio Corp., Sperry Bldg., Manhattan Bridge Plaza, Brooklyn, New York. Neutrodyne.
- Chas Freshman Company, Inc., 240 West 40th St., New York City, 327 So. La Salle St., Chicago, Ills. FRESHMAN MASTERPIECE. Model 5F2, 5 tuned radio frequency, \$39.50. Model 5-F-4, 5 tube tuned Radio frequency, \$49.50. Model 5-F-5, 5 tube tuned radio frequency \$60.00; Model 5-F-6. 5 tube tuned radio frequency, \$82.50; Concert Model, 5 tube tuned radio frequency, \$75.00; Model 5-F-7, 5 tube tuned radio frequency, \$89.50; FRANKLIN Console, 5 tube tuned radio frequency, \$115.00; Receiver of Franklin Console, 5 tube tuned radio frequency, \$75.00.

SETS, RECEIVING

- Garod Corp., 120 Pacific St., Newark, New Jersey, Neutrodyne. GAROD R-A-F \$135, GAROD V. inclined panel; type with voltmeter, \$195; GAROD GEORGIAN. Period type cabinet, \$4.00.
- General Instrument Corporation, 423 Broome St., New York City.
- Globe Electric Company, 14 Keefe Ave., Milwaukee, Wisc. DUODYNE. No. 770, 4 tube, tuned radio frequency, \$55.00; No. 830, 5 tube, \$75.00; No. 2-53 5 tube, \$90.00; No. 900, 5 tube, \$120.00; No. 3-53 five tube, \$135.00. Console No. 834 \$200.00; Console No. 904, \$230.00.
- Golden Leutz, Inc., 476 Broadway, New York City. GOLDEN-LEUTZ SUPER-PLIODYNE 9. PLIO-6, 6 tubes.
- Gold Medal Radio Corp., Gold Medal Bldg., Longwood Ave., and Southern Bldg, New York City. Gold Medal 5 tube tuned radio frequency.
- H. R. Grant Company, 13 Westover Ave., Caldwell, N. J.
- Gray & Danielson Mfg. Company, 250 First St., San Francisco, Calif. G. D. Commercial. Land & Marine.
- A. H. Grebe & Company, Inc., 113 W. 57th St., New York City, N. Y. GREBE SYNCHROPHASE.
- David Grimes, Inc., 1571 Broadway, New York City. GRIMES. Special period models. 4 tube, for use with UV199 tubes. \$125. GRIMES BABY GRAND. 3 tube. \$49.50. West of Mississippi, \$60.
- Gundlach Manhattan Optical Company, Rochester, New York. Crystal.
- The Guthrie Company, Inc., Grafton, O. NIGHTINGALE. Five 5-tube tuned R. F. \$55.00; Goldfinch, 5-tube tuned R. F. \$75.00.
- Haddaway Mfg. Company, 1806 So. Hoover Street, Los Angeles, Calif. HADDAWAY.
- The Haldorson Company, 1772 Wilson Avenue, Chicago, Ills. R. F. 500 \$98.00. HALDORSON RADIO RECEIVERS.
- Charles Hall, 1674 Broadway, New York City. FLEXODYNE. Radio Frequency. Type 7, \$400.00; No. 11, \$775.00.
- W. B. Haller, 2100 Sarah Street. Pittsburgh, Penna. HALLERIO. Crystal. \$2.50 and \$3.00. Crystal Receiving set complete, viz., aerial wire, insulators, phones, lead-ins, wire and crystal. \$6.00.

Read these specifications. If you want genuine quality, you'll want the E. Singer Co. Inc. representation in your territory.



Specifications

Beautiful two-toned walnut cabinet, designed by an artist. Walnut panels and dials of Bakelite, gold engraved. Three dials. Five tubes. Stations can be separated. Volume control to meet every requirement. ***Wave Lengths Range 190 to 550 Meters.*** Process wiring. Short Leads. ***Bakelite Sockets permitting use of old or new type tubes.*** Each part selected and designed for best results.

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National Advertising campaign will produce sales for our distributors. Price protection and no dumping. Good profits and priced for everyone. Write to Department B for proposition; description of all models.

E. SINGER CO., INC., 40 HUDSON ST.
NEW YORK CITY

SETS, RECEIVING (Continued)

Hallock & Watson, 192 Park Street, Portland, Oregon. HALOWAT. Tr-5. \$90.00.

H. J. Halverson Company, 160 North Wells Street, Chicago, Ills. CRYSTAL.

Hamburg Bros., 624 Grant Street, Pittsburgh, Penna. THE PENNSYLVANIA JR. Crystal Set. No. 1 Double Tuner, \$4.50; No. 2 Single Tuner, \$3.00.

Hansen Storage Company, 120 Jefferson Street, Milwaukee, Wisc. Tuned Radio Frequency. NIGHTINGALE. Vertical panel, \$32.50; NIGHTINGALE, sloping panel, \$37.50; GOLD FINCH, sloping panel, \$75.00; AMERICAN CREST, for loop aerial, \$150.00.

Harcourt Radio Company, 61 Sherbourne Street, Toronto, Canada. 5-tube tuned radio frequency. HARCO RADIO RECEIVER; crystal, permanent fixed crystal detector.

C. E. & H. T. Hargraves, 1103 Warwick Ave., Lakewood, R. I. MELLO-TONE. Crystal.

Kenneth Harkness Radio Corp., 727 Frelinghuysen Avenue, Newark, N. J. Reflex. HARKNESS.

M. W. Harmon & Sons Company, Grove City, Penna. HARMONSON. Model 4-A, \$75.00; 4 tube R. F., and 2 stages A. F.; Model 4-C, \$100.00; 4 tube R. F., and 2 stages A. F.; A-C GRAND, \$125; with built-in loud speaker; 5-C GRAND, \$135.00; 5 tube, built-in loud speaker; 5-C, \$110.00; with outside loud speaker.

Hartman Electrical Mfg. Company, Mansfield, Ohio. Tuned Radio Frequency. HARTMAN. Console Type 12-A ADAM PERIOD, \$225; Console Type 12-A, ITALIAN PERIOD, \$265; Console Type 12-A QUEEN ANNE Period, \$265; 12-B Semi-portable, \$155; 12-S-Portable, \$105; Console Type G-C-1 Mahogany Finish, Single Control, \$225; G-1 Semi-Portable, \$165; HARTMAN PEDESTAL REPRODUCER, \$48.

Hayes Products Company, 1301 Fulton Street, Grand Haven, Mich.

Hearwell Electric Co., 53 Devonshire Street, Boston, Mass. HEARWELL LYRIC. Crystal, \$5.00; Forbes portable, one-tube receiver, \$15; Forbes Short-wave tube, loop, receiver, \$18.

Henderson Bros., 93 Federal Street, Boston, Mass.

SETS, RECEIVING

Herzog Radio Corp., 722 Atlantic Avenue, Brooklyn, N. Y. HERZOG. Radio Frequency, 6 tube in Phonograph type cabinet with enclosed loop. 5, 6, 7 and 8 tube sets, Radio Frequency 5, 6, 7 and 8 tube aerial type sets.

A. E. Hill Mfg. Company, 80 Mangum Street, Atlanta, Ga. HILCO. 5 tube tuned radio frequency.

Hollywood Radio Company, 154 Nassau Street, New York City. HOLLYWOOD. 5-tube tuned radio frequency, \$45 and \$65.

Howard Radio Company, Inc., 451-469 E. Ohio Street, Chicago, Ill. HOWARD, Neutrodyne.

Howe Auto Products Company, 120 No. Green Street, Chicago, Ill. HOWE RADIO RECEIVER (Crystal Receiving Unit), \$1.75; Complete, "Nothing more to buy" HOWE RADIO OUTFITS No. 1, \$5; No. 2, \$7.50. HOWE Saving Bank with combination crystal receiving unit (quantity prices).

H. Hyman & Company, Inc., 476 Broadway, New York City. Radio Frequency, BESTONE. Sloping Panel, \$125, \$88 and \$75.

Imperial Radio Company, 201 So. Columbia Street, Union City, Ind. IMPERIAL.

Incandescent Supply Co., 468 West Broadway, New York City. NEWLANDS. 5-tube tuned radio frequency. Cabinet model, \$70; De Luxe model, \$125; De Luxe Console, \$170.

Indiana Manufacturing & Electric Company, Marion, Ind., "INDIANA HYPERDYNE." No. 600, 5 tube radio frequency, \$65; No. 700, 6 tube Console, with built-in Speaker, \$175.

International Radio Products Company, 233 Broadway, New York City. LARK. Batteryless type, model RM-2.

Irving Radio Corp., 145 E. Broad St., Columbus, Ohio.

Jaynson Labs., 57 Dey Street, New York City. Crystal and tube.

Jolley Radio Company, 297 Sixth Avenue, New York City. JOLLEY.

Jos. W. Jones Radio Mfg. Company, 40 West 25th Street, New York City. JOS. W. JONES, Cabinet sets, \$75 to \$175. Phonograph panels, Special. Knock-down units complete with panel and cabinet, \$50; 6-tube portable, individual battery cabinet, \$160 stripped; 5-tube phonograph panel, special. 6 tube Jones special, \$175.



One Tuning Control— Calibrated in Meters!

THIS, the fondly sought, generally abandoned dream of every radio engineer has, at last, found fulfillment in the Ferguson "Eight," and without a sacrifice of any of the sensitivity, selectivity, tone quality or volume that have, since the pioneer days, been outstanding characteristics of every Ferguson Receiver.

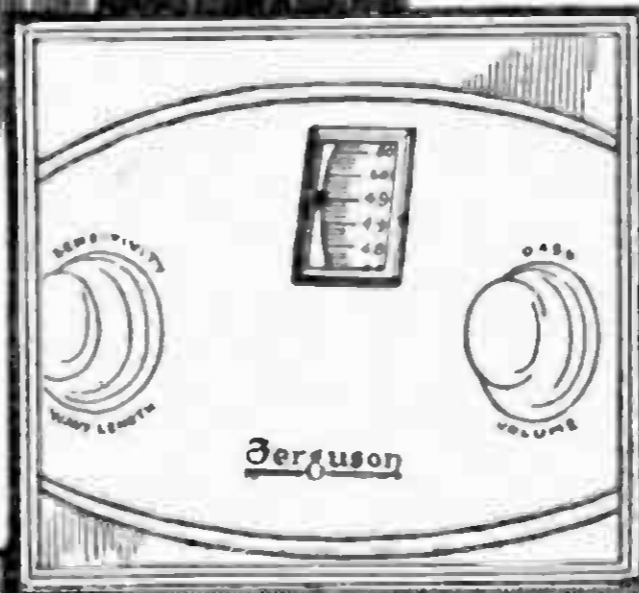
Milady will acclaim the Ferguson "Eight" for its graceful beauty, its unequalled simplicity, its full, crystal-clear reproduction. The man who knows radio will choose it because he appreciates excellence, permanence and dependability in design and craftsmanship.

*Every Ferguson sold wins another lifelong friend.
The Ferguson Franchise means something and is well worth investigating.*

J. B. FERGUSON, Inc.
41 East 42nd Street, New York



The Ferguson
"Eight"
is a six-tube, tuned
radio frequency
Receiver.
Cabinet Model (illus-
trated) . . . \$226
De Luxe Console Model
with built-in Amplifier
loudspeaker . . . \$348



*To operate simply light the
tubes, select your program
noting its wavelength, set in-
dicator and adjust vernier and
volume. Simplicity itself!*

Ferguson

J. B. INCORPORATED

The Gold Standard of Radio Receivers

SETS, RECEIVING (Continued)

Kahn Radio Company, 2229 Third Avenue, New York City. KAY-LIN. 5 Tube Tuned Radio Frequency Receivers.

Kardon Products Company, Inc., 451 Greenwich St., New York City. KARDON STANDARD units without tuner for panel mounting, No. 599, detector only, No. 603, detector and 2 stage, \$22; No. 604 Superdyne, No. 605, 5 tube tuned Radio Frequency, No. 702, 2 tube reflex without crystal; No. 701, 1 tube reflex without crystal. Kom-pentrol 5 tube Tuned Radio Frequency, \$75; Carnival, 5 tube tuned Radio Frequency.

The Kay De Company, Essex and South Broad Sts., Ridgewood, N. J.

Kehler Radio Labs., 901 West 1st St., Abilene, Kans. TRANADYNE.

Kellogg Switchboard & Supply Company, 1066 West Adams St., Chicago, Ills. WAVE METER. 5 tube, \$125.

Kenmar Radio Corporation. Danvers, Mass. BABYDINE. \$10. BABYDINE, Model II, \$13.50; KENMAR FOUR, \$85.

Colin B. Kennedy Company, 2017 Locust St., St. Louis, Mo. XV sloping panel, \$120. ROYAL SIXTEEN, upright cabinet built in reproducer, \$235. Model 20, sloping panel, \$90.

King Quality Products, Inc., Buffalo, N. Y.

Kodel Radio Corporation, 507 East Pearl St., Cincinnati, Ohio. KODEL. Logodyne Big Five, 5 tube, tuned radio frequency, \$90; Logodyne Standard Five, 5 tube, tuned radio frequency, \$70; Logodyne Big Five Console, 5 tube tuned radio frequency, \$275; Logodyne Standard Five Console, 5 tube tuned radio frequency, \$165 (gold star). Three tube receiver, mahogany cabinet, \$30; Gold Star 2 Tube Receiver, mahogany cabinet, \$20; Gold Star 1 Tube Receiver, mahogany cabinet, \$12; Gold Star Crystal Receiver, \$6. Portable Receivers one Tube Portable, \$18; Two Tube Portable, \$25; 2 Tube Portable in Art Leather, \$27.50; 4 Tube Portable, built in loud speaker, \$75.

The Kor-Rad Company, Inc., 151 East 58th Stret, New York City. LAFAYETTE Neutrodyne.

SETS, RECEIVING

Labidite Radio Products, 121 East 40th St., New York City. LABIDITE. 2-part receiving sets.

Lakeside Supply Company, 73 W. Van Buren St., Chicago, Ills. LAKESIDE.

Langbein & Kaufman Radio Company, 511 Chapel St., New Haven, Conn. ELKAY SUPER SELECTOR. 5-tube resistance coupled. \$80.00.

Lee Electric Mfg. Company, 220-222 Eighth St., San Francisco, Calif. LEMCO. No. 50 two-tube reflex, \$40.00; No. 340A crystal set, \$6.00.

Le Mor Radio, Inc., Asbury Park, N. J. UNI-CONTROL. Five-tube tuned radio frequency, one tuning control

Lenford, Inc., 410 W. 27th St., New York City. LENFORD SPECIAL. 5-tube. LENFORD SUPREME. 8-tube.

Lester Radio Electric Shop, 140 S. Spring St., Los Angeles, Calif. J. C. LESTER.

Long Radio Corp., 120 W. 42nd St., New York City. LONG RADIO. 5 tube. Tuned Radio Frequency.

Los Angeles Sales Company, Inc., 1211 W. 6th St., Los Angeles, Calif. LASCO. Reflex, 2-tube Receiver. AC operated. No batteries. List, \$75.00. Complete with all accessories.

Machine Specialty Company, Summit and Wildt St., Ann Arbor, Mich. ARBORPHONE. Five-tube tuned radio frequency. List price, \$55.00. F. O. B. Factory.

Mack Company, 1940 Delancey St., Philadelphia, Penna. SINCRO-FLEX 3-tube, 2 controls. New principal (patents pend.) Has 7 stages of amplification. \$50.00.

The Magnavox Company, 2725 E. 14th St., Oakland, Calif. MAGNAVOX RADIO. M10, \$110.00; M25, \$145.00; M75, \$200.00.

Magnus Electric Company, Inc., New York City. MAGNUTROL. No. 940-S, Subpanel type, \$60.00; No. 940-D, De Luxe, \$65.00; No. 940-C, console, \$150.00; No. 940-SD, leaping De Luxe type, \$70.00; No. 940-TP, phonograph panel, \$75.00.

Marathon Radio Corp., 133 First St., San Francisco, Calif. MARATHON MX Radio Frequency 5-tube, \$100.00 List. MARATHON MP Radio Frequency 5-tube. \$170.00 List.

Marinette Electric Corp., Marinette, Wisc. Crystal. LITTLE TATTERLER. \$6.00.

SETS, RECEIVING (Continued)

- Martian Mfg. Company, Inc., 24 Central Ave., West Orange, N. J. Crystal MARTIAN BIG FOUR, \$7.50; MARTIAN SPECIAL, \$4.00; Vacuum tube ONE TUBE MARTIAN BEAUTY, \$15.00; Six Tube, \$30.00.
- Martin Radio & Electric Company, 130 W. 52nd St., New York City. PACKARD "FIVE," \$45.00. PACKARD "SIX." One-dial control, \$100.00.
- Marwol Radio Corp., 85 Mercer St., New York City. MARWOL. \$36.50 to \$130.00.
- The Mazda Radio Mfg. Company, 3411 Perkins Ave., Cleveland, O. CONSOMELLO GRAND, 7-tube, cabinet type, built-in loud speaker.
- McConnell Cable & Specialty Company, 426 S. Clinton St., Chicago, Ills.
- R. A. McKinney, Union Trust Bldg., Pittsburgh, Penna. ETHEROLA.
- The Merrell Radio Company, 1312 Lagrange St., Toledo, Ohio. MERRELL.
- Merrick Labs., 283 Glenwood Ave., Bloomfield, N. J. 5-tube, 3 circuits. Single control. HOGAN. Patent. \$125.00.
- Metropolitan Electric Company, 811 24th St., Des Moines, Iowa. ME-CO. Model 2, 5-tube, \$60.00; Model 5, 5-tube, \$200.00; console; Model 6, 6-tube, \$125.00; Model 10, 5-tube, \$100.00.
- Miessner Radio Corp., 34 35th St., Brooklyn, N. Y. MIESSNER ELEKTRICK. 6-tube.
- Minerva Radio Company, 827 Irving Park Blvd., Chicago, Ills. MINERVA ELITE Console type, \$125; MINERVA GRAND Wall Console type, \$225; MINERVA SERENADE, Wall Console type, \$175; MINERVA DISTANTIA DE LUXE, \$60.
- Mississippi Valley Radio Company, 203 Pine St., St. Louis, Mo. M-V Crystal. List, \$4.00; Lafayette, 5-tube tuned radio frequency, \$65.00.
- M. & M. Electric Mfg. Company, 5515 Spruce St., Philadelphia, Pa. Battery and power sets made to order. M. & M. CUSTOM. K-365 and K485.
- Mohawk Electric Corp., 2220 Diversey Parkway, Chicago, Ills. MO-HAWK. One-Dial Control Set, 5-Tube tuned Radio Frequency, \$150 Tuned Radio Frequency, V.A., Sloping panel, \$150. Knockdown.

SETS, RECEIVING

- one dial receiver, KU51, \$75, including cabinet console. Model X, \$250.00. XII Console, \$300.
- Monroe Radio Labs., 177 Greenwich St., New York City. To Order.
- Montrose Radio Laboratories, 1333 Fulton St., Brooklyn, N. Y. MONTROSE RADIO LABS. (in diamond). Montrodyne 5-tube tuned radio frequency, \$40. MONTROSET, 5-tube tuned radio frequency, \$47.50. MONTROSE, 5-tube tuned radio frequency mounted on panel for phonograph, \$40.
- Morris Register Company, Council Bluffs, Iowa. MORRIS.
- Walter C. Morris, 170 Rossiter Ave., Yonkers, N. Y. GOLD MEDAL REFLECTODYNE, \$35.00; \$50.00.
- Morrison Radiophone Company, Inc., 305 Fairfield St., Bridgeport, Conn. MORRADYNE.
- Mu-Rad Radio Corp., Asbury Park, N. J. MU-RAD TRANSCONTINENTAL RECEIVER. \$125, \$175.
- Wm. J. Murdock Company, Chelsea, Mass. MURDOCK. Neutrodyne. Model No. 100, \$100.00; Model No. 101, \$92.50.
- Musical Products Distributing Company, 22 W. 19th St., New York City. RADIO-ART. 5-tube Tuned Radio Frequency. Built-in loud speaker. \$95.00.
- Music Master Corp., 128 N. 10th St., Philadelphia, Penna. MUSIC MASTER. \$50.00, \$60.00, \$100.00, \$140.00, \$175.00, \$215.00, \$250.00, \$300.00, \$400.00, \$460.00.
- Nassau Radio Company, 60 Court St., Brooklyn, N. Y. MAGNADYNE. Tuned Radio Frequency. MR60, \$130.00; VR400, \$130.00; VR-215, \$115.00. Nassau DL, \$175.00.
- National Radio Mfg. Company, 406 N. Hudson St., Oklahoma City, Okla. NATIONAL.
- Neutrowound Radio Mfg. Company, 1721 Prairie Ave., Chicago, Ills. NEUTROWOUND.
- Newport Radio Company, 250 W. 54th St., New York City. Five-tube tuned radio frequency.
- Northwestern Radio Mfg. Company, 1555 E. Taylor Ave., Portland, Ore. NORCO. Standard (cabinet), \$65; DeLuxe (cabinet), \$165.
- Norwalk Products Mfg. Company, Norwalk, Conn. QUEEN OF THE AIR. 5-tube with concert modulator new low loss walnut cabinet. \$150.00.
- Novelty Radio Mfg. Company, 204 S. 4th St., St. Louis, Mo. NICK-ELETTE Crystal.
- Walter J. Oldroyd, Box 622, Oakville, Conn. Custom Made.

SETS, RECEIVING (Continued)

- Operadio Corp., 8 S. Dearborn St., Chicago, Ills. Six-tube dry cell, radio frequency, \$189.00 (with tubes, batteries and loud speaker. Portable, Operadio. OPERADIO Convertible cabinet and pedestal models.
- Ozarka, Inc., 860 W. Washington Blvd., Chicago, Ills. R.C. 200. OZARKA Portable, 4 tube. OZARKA Junior, 299, 5 tube; OZARKA Senior, 7 tube.
- Pacific Screw Company, 645 N. E. 53rd St., Portland, Ore. CRYSTAL PASCO. Single inductance, \$3.50; double, \$5.00.
- Pal Sales Corp., 112 Concourse Bldg., Jersey City, N. J. METRO JR. and Combination Crystal Set.
- Parkin Mfg. Company, San Rafael, Calif. PARKIN PEAK OF PERFECTION. One tube, Cat. No. D.
- G. C. Payette & Company, 190 Ste Catherine St., West Montreal, Can. Crystal. PAYETTE. \$10.00; \$15.00.
- Peerless Radio Company, 4733 Robey St., Chicago, Ills. ELECTRADYNE. 2-tube reflex, filament operated from A. C. current.
- Penberthy Injector Company, Detroit, Mich. Crystal.
- Pennsylvania Radio Labs., 37th and Brandywine Sts., Philadelphia, Pa. PARLA. Three-tube, \$125.00.
- Pennsylvania Wireless Mfg. Company, 507 Florence Ave., New Castle, Penna. PENN-C DE LUXE FIVE. 5-tube tuned radio frequency. \$90.00. Regenerative. PENN. C. SPECIAL. \$50.00.
- Pentz Radio Factory, 207 S. 5th St., Minneapolis, Minn. PENTZLYNE. Long Distance, \$7.50. Pocket Radio, \$2.00; Power crystal sets, \$25 to \$50. Also made to order.
- Perkins Phonograph Company, 831 N. Wood St., Chicago, Ills. PERKINS SUPER-VALUE. Combined receiver and phonograph.
- Perry Radio Supply Company, 218 Washington Blvd., River Forest, Ills. PERASCO. KEWPIE. \$25; PRD-11, \$50; PETIT GRAND, \$175. PA-111, \$35; PA-1V, \$40.
- Pfanstiehl Radio Company, 11 S. La Salle St., Chicago, Ills. PFANSTIEHL. Model 5-tube, 2-dial, tuned radio frequency, \$85.00; Model 8-C, 2-dial, tuned radio frequency, double duty console, \$135.00; Model 10, 6-tube tuned radio frequency, single dial six, \$155.00; Model 10S 6-tube, tuned radio frequency, single dial, six double duty

SETS, RECEIVING

- console, \$200; Model 10C, 6-tube, tuned radio frequency, single dial six, complete console, \$450.00; Model 7, 5-tube, tuned radio frequency, three-dial, \$140.00.
- Phenix Radio Corp., 114 E. 25th St., New York City. ULTRADYNE. Model L-2 and 3; 8-tube.
- Pioneer Radio Corp., Galesburg, Ills. PIONER. 5 tube.
- Pine-Tree Radio Lab., 12 Bergen St., Brooklyn, N. Y. PINE-TREE. Tuned Radio Frequency. Phonograph. Panel Units.
- Pittsburgh Radio Supply House, Inc., 963 Liberty Ave., Pittsburgh, Pa.
- Ports Mfg. Company, 3305 E. Belmont Ave., Fresno, Calif. 5-tube T. R. F., \$40.00; \$65.00. Crystal unassembled PRMCO.
- Precel Radio Mfg. Company, 2156 Smead Ave., Toledo, Ohio. PROCEL Single Dial, TORODIAL COIL RADIO RECEIVER. \$98.50. TORODIAL-COIL. Sloping panel, battery cord console model, \$180.00.
- Premier Electric Company, Grade & Ravenswood Ave., Chicago, Ills. PREMIER. ENSEMBLE. 5-tube tuned radio frequency receiving sets.
- Premier Radio Corp., Defiance, Ohio. PREMIER. Five-tube reflex, 8-A Console, \$350.00; 7-A Console, \$290.00; 7-B Table Type, \$160.00; 5-tube tuned radio frequency, 6-B Table Type, \$100.00.
- Priess Radio, Inc., 695 Broadway, New York City. PRIESS Straight Eight, 8-tube, loop aerial, \$165.00; Console concealed loop, \$275.00.
- The Q. T. Radio Products Company, East Orange, N. J. One and five-tube. The Little Giant 5-tube, \$39.50; EVENING HOUR Console Model, 5 tubes, \$100.00.
- Radio Auto Dist., 920 D St., N. W., Washington, D. C. THE AIR-TONE. 3-tube set.
- The Radiocompak Co., 512 A. P. Trust Bldg., Asbury Park, N. J. RADIOCOMPAK Type R.C. Aristocrat. \$345.00. Complete with all equipment.
- Radio Corporation of America, 233 Broadway, New York City. RADIOLOLA 24. Portable. \$195.00. RADIOLOLA 26. Portable, \$225.00. Also new line six and eight tube superheterodyne operating from either dry batteries or A. C. lighting circuit. Plain cabinet and console models.
- The Radiogem Corp., 66 West Broadway, New York City. Crystal; uncomplete one phone and aerial, \$2.50.

SETS, RECEIVING (Continued)

- The Radio Guild, 178 Commerce St., Newark, N. J. HARKNESS. Counterflex and reflex.
- Radio Industries Corp., 131 Duane St., New York City. RICO-DYNE. Tuned radio frequency, \$60; RICO-DYNE DE LUXE, space for horn and batteries, \$75.00; RICO-DYNE CONSOLE, space for horn and batteries, \$100.00.
- Radio Master Corp. of America, Bay City, Mich. Tuned radio frequency table type, \$85.00; No. 14 Console, \$125.00; No. 15 Console, \$150.00.
- Radio Products Company, Riverside Ave., Westport, Conn. R. P. C. Five-tube tuned frequency, with built-in loud speaker; RPMO-DYNE, \$100, \$110, \$135, \$230.
- Radio Receptor Company, Inc., 106 7th Ave., New York City. RE-CEPTRAD. Model RM-2. 4-tube. \$135.00. Batteryless, direct current. \$180.00. Batteryless alternating current. \$340.00. Batteryless console type. RECEPTAD MULTI-FLEX. Two tube reflex set, having one stage of radio frequency amplification, fixed crystal and two stages of audio amplification.
- Radio-Rite Service Labs., Newark, N. J. RADIO-RITE. 5-tube radio frequency. \$45, \$70, \$125; RADIO-RITE SIX, 6-tube radio frequency, resistance coupled amplification, \$80, \$150.00.
- Radisto Sales Company, 613 Fulton Bldg., Pittsburgh, Penna. RADISTO. One dial.
- Radio Supply House, 500 16th St., Moline, Ills. PARAMOUNT. Single tube and 5-tube single tune. \$20.00. X5 5-tube set for \$75.00.
- Radio Telephone & Telegraph Corp., 25 W. 45th St., New York City.
- Raven Radio Company, 8 Learned St., Albany, N. Y. RAVEN; 7-tube Super Heterodyne, complete; unwired; set up in mahogany case. \$125.00; walnut, \$130.00; 5-tube tuned R. F.
- R. B. Radio Company, 117 W. 51st St., New York City. BELLE-CLAIRE. Five-tube R. F. (Page 5) 5-tube tuned radio frequency, \$37.50.
- The Recepton Radio Corp., 17th & Wood Sts., Philadelphia, Penna. RECEPTON.
- Reichman Company, 1725 W. 74th St., Chicago, Ills. THOROLA ISLODYNE. No. 50 THOROCO Cabinet, 5-tube, \$85.00; No. 55 Circassian Walnut Cabinet, 5-tube, \$115.00.

SETS, RECEIVING

- Ritter Radio Corp., 232 Canal St., New York City. Crystal. RITTER GRAND. \$2.50. Complete, \$7.50.
- Roth Radio Company, 88 W. Broadway, New York City. MELODEE. 1 tube Jr., \$5.00; 5-tube set, \$22.00 net, \$36.00 list.
- The Roycraft Company, 229 S. 4th St., Minneapolis, Minn. 5-Tube ROYAL, \$50.00. 8-tube ROYAL, \$150.00
- Schenectady Radio Corp., 207 State St., Schenectady, N. Y. SCYRAD. Crystal Tube.
- R. C. Schoonhoven, 308 Seneca St., Elgin, Ills. Five-tube RAY DE LUXE RECEIVER and RAY Coils for the Reinartz, R. C. S., Ultra-Audion and tuned radio frequency circuits.
- Schneitter Radio Company, 420 Felix St., St. Joseph, Mo.
- Silver-Marshall, Inc., 110 S. Wabash Ave., Chicago, Ills. Knockout 4-tube receiver.
- The Simmons Mfg. Company, 3405 Perkins Ave., Cleveland, Ohio. "CONSOMELLO GRAND," 7-tube—cabinet type, built-in loud speaker.
- The Simplex Radio Company, Sandusky, Ohio. S. R. C.
- Simplex Radio Company, Rector St., W. of Main St., Manayunk, Philadelphia, Penna. SIMPLEX tuned radio frequency circuit used in all. Type SR5, storage battery, 5 tubes, \$57.00; type SR8, 5 tubes, storage battery, sloping front panel, \$65.00.
- E. Singer Company, Inc., 40 Hudson St., New York City. R. F. 5; List \$79.00.
- Sleeper Radio Corp., Long Island City, N. Y. SLEEPER MONOTROL, Grimes System Inverse Duplex. SCOUT SERENADER. Super-Symphonic; tuned radio frequency, stabilized.
- Sonora Phonograph Company, Inc., 279 Broadway, N. Y. City. SONORA. 5-tube; 2 stages tuned radio frequency. \$90.
- Southeastern Radio Corp., Winston-Salem, N. C. SUPER-CORAL-DYNE. Model Standard 5, \$150.00; Model Standard 5C, console type, \$245.00 Both models equipped with tubes.
- Spielman Elec. Co., Inc., 311 W. 59th St., New York City. Crystal. SECO, including double headset and aerial equipment, \$14.50.

SETS, RECEIVING (Continued)

- Splitdorf Electric Company, 392 High St., Newark, N. J. Tuned Radio Frequency Splitdorf. Model R-400, 4 tubes, \$60.00 list; Model R-500, 5 tubes, \$75.00 list; Model R-110-D, 5 tubes, \$110.00; Model R-150-D, 5 tubes with built-in horn and compartment for B batteries at \$150.00 list. Model R-410 Console, 5 tubes. \$410 list; Model R-425, Console, 5 tubes, \$425.00 list. Japanese type, hand painted decorations. Model R-75 Phonograph Panel Set, \$75.00 list.
- Square Deal Radio & Elec. Company, 103 Leroy St., Fenton, Mich. Reflex. TONAPHONE. Non-regenerative. CELESTAPHONE-HARMODYNE Radio Frequency, tuned RADIO FREQUENCY, GOLDSTONE. TONAPHONE, \$18.50 Reflex, CELESTAPHONE, \$23.50, non-regenerative. HARMODYNE, \$32.50, Radio frequency. GOLD-TONE, \$45.00, Tuned radio frequency.
- Stanrad Corp., 1371 Third Ave., New York City.
- Stanwod Electric Specialty Company, Inc., 350 W. 31st St., New York City. PINK-A-TONE. \$8.00 to \$650.00.
- Star Crystal Company, 525 Woodward Ave, Detroit, Mich. Coupled sets. IVORY DE LUXE.
- Steinite Laboratories, 504 S. State St., Chicago, Ills. Licensed regenerative sets. 1 tube, \$6.00; 2 tube, \$12.00. Five tube tuned radio frequency, \$60.00.
- Sterling Enterprise, Inc., 396 Broadway, New York City. STERLING.
- Stewart-Warner Speedometer Corp., 1826 Diversey Blvd., Chicago, Ills. STEWART-WARNER Table Cabinet Radio, Model 300, \$65.00; Radio Model 328, \$80.00; STEWART-WARNER Table Cabinet, Model 305, \$115. STEWART-WARNER Console, Model 310, \$175.00; STEWART-WARNER Console, Model 315, \$285.00; STEWART-WARNER High Boy, Model 320, \$450.00.
- Stiles Mfg. Company, 125 E. Quincy St., St. Louis, Mo. STILES.
- St. Louis Radio Eng. Company, 5735 Bartmer Ave., St. Louis, Mo. THE RANGER 8 RECEIVER. It's different—no aerial ground—no storage batteries. Price \$175.00.
- Streit Radio Corp., 114 Chambers St., New York City. STREIT. 5-tube receiving set. List price approximately \$75.00.

SETS, RECEIVING

- Summit Radio Products, Inc., 36 Hague St., Jersey City, N. J. SUMMIT. Crystal.
- Sunbeam Radio Corp., 350 W. 31st St., New York City. "AKRADYNE" 5-tube receiving sets, \$75; \$90; \$110; \$150; \$175; \$215; \$475; \$975; \$1475. "PINK-A-TONE," 2-tube receiving sets, \$14.50. 3-tube receiving sets, \$28.50; 5-tube receiving sets, \$34.50.
- Sun Mfg. Company, Inc., Louisville, Ky. SUN. SUPER-SUN and SUN DE LUXE Receivers.
- Superior Coil Company, Harwichport, Mass. Low Wave, Knock-Down, 50-150 meters. Det. and 1-step audio.
- Superfone Radio Company, McKibben Bldg., Muskogee, Okla. Non-Regenerative SRC-4 type 201A, \$100; type 199, \$100.
- C. D. Tanner Company, 528 W. Washington St., Los Angeles, Cal. TANNER.
- Taylor Electric Company, 1206 Broad St., Providence, R. I. RADICLEAR. Crystal \$2.90. 3-tube, \$25.00.
- Telephone Maintenance Company, 20 South Wells St., Chicago, Ills. TELMACO. Type P-1, Acme Portable Receiver, \$125.00; with tubes and batteries, \$143.50.
- Teletone Corporation of America, 449 W. 42nd St., New York City. TELEPHONE Speaker, \$32.50; Radio Phonograph Panel, \$90; 5-tube radio frequency cabinet, \$75; and Console types, \$200.00.
- Terlee Elec. Mfg. Company, 443 S. Dearborn St., Chicago, Ills. Radio frequency, Terlee Reflex, A-6, \$60.; Acme Reflex, L5, \$150.
- Terrace Radio Mfg. Corp., Yonkers, N. Y. Tuned Radio Frequency, TIMSON. \$60.00.
- Terry Electrical & Mfg. Company, Goresville, Ills.
- Thermodyne Radio Corp., 1819 Broadway, New York City. THERMIODYNE, MASTER CONTROL RECEIVER. ALLADIN OF RADIO, TF5 5-tube, two stages thermionic frequency, detector, 2 audio, without accessories, \$100; Mountain and Pacific States, \$110; TF6, 6-tube, 3 stages thermionic frequency, detector, 2 audio, without accessories, \$150.00; Rocky Mountain and Pacific States, \$160.00. CTF6, Console De Luxe, 6-tube, 3 stages thermionic frequency, detector, 2 audio, without accessories, \$275.00. Rocky Mountain and Pacific States, \$290.

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SETS, RECEIVING (Continued)

- R. E. Thompson Mfg. Company, Jersey City, N. J. THOMPSON. Regenerative. Neutrodyne. GRAND-DETTE, V-50, \$125.00; PARLOR GRAND, S60, \$145.00; CONCERT GRAND, S70, \$180.00; SUPER-THOMPSON DUO-TONE CONSOLE, C-61, \$360.00; MINUET, R-81, \$150.00.
- Tincher Radio Corp., Suits 212, American National Bank, Bldg., Oklahoma City, Okla. TINCHER. Table and Console loop sets only.
- Trego Radio Mfg. Company, 1427 Chestnut St., Kansas City, Mo. TREGO.
- Tresco Sales, Inc., 1416-20 W. Pleasant, Davenport, Iowa. Regenerative, TRESCOLA. No. 1 tube; No. 2 tube, No. 3 tube and No. 5 tube.
- True Tone Radio Mfg. Company, 186 N. La Salle St., Chicago, Ills. TRUE-TONE.
- C. D. Tuska, Hartford, Conn. Regenerative. TUSKA.
- S. A. Twitchell Radio Company, 1925 Western Ave., Minneapolis, Minn. Reinartz. TWITCHELL'S IMPROVED. \$15.00, \$35.00, \$60.00, \$75.00. TWITCHELL, type S, \$50.00, \$60.00, \$75.00, \$100.00.
- Unilog Radio Company, 4101 Union Ave., Chicago, Ill. UNILOG. Universal tuning unit.
- United Mfg. & Distributing Company, 9705 Cottage Grove Ave., Chicago, Ills. Tuned Radio Frequency. 4-tube. UNIDYNE. \$75. SUPER-UNIDYNE, 5-tube, \$130.
- The United Metal Stamping and Radio Company, 410 E. Pearl St., Cincinnati, Ohio. PARAFLEX. One tube, reflex. \$35.00.
- United Radio Corp., 15 Caledonia Ave., Rochester, N. Y. PEERLESS.
- United Radio Mfg. Company, 191 Greenwich St., New York City. VICTORY. 5-tube tuned radio frequency, \$70.00; 6-tube, \$100.00.
- U. S. L. Radio, Inc., Niagara Falls, N. Y. U. S. L. Broadcast Receptor, 5-tube tuned radio frequency, \$80.00. Pacific coast, \$85.00.
- Vibroplex Company, Inc., 625 Broadway, New York City. MARTINOLA. Model 1, \$20.00; model 4, \$75.00; model 5, \$85.00.
- Wasmuth Goodrich Company, Peru, Ind. PHONORADIO. Combination Phonograph and Radio.
- Waugh Electric Mfg. Company, 25 N. Montgomery St., Trenton, N. J. ECHO. RF5. 5-tube tuned radio frequency, Batteries inclosed, \$90.

SETS, RECEIVING

- The William A. Welty Company, 36 S. State St., Chicago, Ills. SUPERADIO. Detector Units.
- Western Coil & Electrical Company, 300 5th St., Racine, Wis. Radio Frequency, RADIODYNE. WC12B, \$100.00. WC12B voltmeter model, \$110.00; WC12 Console, \$200.00; WC12 Console voltmeter model, \$210.00. WC14A, \$65.00; WC14B, \$85.00; WC14 Console, \$185.00. WC15, \$39.50; WC17A, \$75.00; WC18B, \$100.00. WC18 Console, \$200.00. WC18 Console with special charging switch, \$215.00.
- Westfall-Kelley Radio Sales, 100 Hudson St., New York City. RANGER. 5-tube, tuned radio frequency. \$45.00 and \$75.00.
- West Penn Radio Company, 310 S. Main St., Pittsburgh, Penna. FIRESIDE. Tube set.
- Wheeler Mfg. Company, 970 Montana St., Chicago, Ills. WHEELER. 5-tube tuned radio set.
- Wilcox Labs., 2206 E. Michigan Ave., Lansing, Mich. Vacuum Tube. WILCOX.
- Windsor Radio Corp., Minneapolis, Minn. MAGNADYNE. Low Loss Receivers.
- Wippel Raine, Cincinnati, Ohio. WIPPEL RAINE.
- W-K Electric Company, Kenosha, Wisc. ORIOLE. Model 8, 4-tube tuned radio frequency. Model 7, 5-tube tuned radio frequency.
- Wolf Mfg. Industries, 1427 Michigan Ave., Chicago, Ills. DUO-CONSOLE. Combination phonograph and radio set.
- Wolverine Radio Company, 103 W. Atwater St., Detroit, Mich. COMBIDYNE. 4-tube Radio Frequency. \$100, \$75.
- Workrite Mfg. Company, 1812 E. 30th St., Cleveland, Ohio. WORKRITE WINNER FIVE, \$80.00; WORKRITE WINNER SIX, \$90.00; WORKRITE AIR MASTER SIX, \$125.00; WORKRITE AIRMASTER FIVE, \$120.00; WORKRITE RADIO KING SIX, \$170.00; WORKRITE ARISTOCRAT SIX, \$275.00. All neutrodyne.
- Wright De Coster Radio, Inc., St. Paul, Minn. WRIGHT DE COSTER. Model VI, 1 stage radio, one detector and four stages of audio (one transformer and 3 resistance coupled). WRIGHT DE COSTER Model VI Console.
- Wright Radio Mfg. Company, 1466 Selby Ave., St. Paul, Minn. ACME SPECIAL AMPLIFIER, 2 stage, \$24.00.

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SETS, RECEIVING (Continued)

"X" Labs., 25 W. 45th St., New York City. X-X LABS. 6-tube tuned radio frequency. Chassis, \$75. Concert Grand, \$125. Console, \$250.

Zenith Radio Corp., Straus Bldg., Chicago, Ills. ZENITH. 3R, \$175.00; ZENITH 4R, \$100.00; SUPER ZENITH VII, \$240.00; SUPER ZENITH VIII, \$260.00; SUPER ZENITH IX, \$355.00; SUPER ZENITH X, \$475.00.

SETS, TRANSMITTING

American Sales Co., 21 Warren St., New York City.

Farmer's Wireless Telephone Company, 157 Chambers St., New York City. Transmitting.

National Radio Mfg. Company, 406 N. Hudson St., Oklahoma City, Okla. Amateur. NATIONAL. 20-watt cabinet size, \$550.00; 20-watt broadcast type, \$900.00; 50-watt broadcast type, \$2,100.00; 100-watt, \$2,650.00; 200-watt, \$3,300; 500-watt, \$9,500.00; 1,000-watt, \$13,800.

SEXTON—The Hartford Instrument Co., 308 Pearl St., Hartford, Conn.—Condensers.

SEYMOUR—The Seymour Products Co., Seymour, Calif.

S G I —Safe Guard Insulation Co., Lansdale, Pa.—Insulating varnish.

SHACTON—Harold M. Schwab, Inc., 55 Vesey St., New York City.—Inductance coils, variable condensers, vacuum tube sockets.

SHAMROCK (design) — Shamrock Mfg. Co., Newark, N. J.—Variocouplers, variometers, condensers, couplers, kits, radio frequency units, tuners, tuning coils.

SHAMROCK HARKNESS —Shamrock Mfg. Co., Newark, N. J.

SHARP—The Sharp Spark Plug Co., Wellington, Ohio—Coils, jacks, switches.

SHAW—Henry M. Shaw, 150 Coit St., Newark, N. J.—Lightning arresters.

SHAW (in diamond)—Shaw Insulator Co., 150 Coit St., Irvington, N. J.—Molded insulation.

SHAWLAC—Shaw Insulator Co., 150 Coit St., Irvington, N. J.—Molded insulation.

SHAWMUT —The Chase Shawmut Co., 374 Merrimac St., Newburyport, Mass.—Ground clamps, enclosed fuses.

SHEETS

American Hard Rubber Company, 11 Mercer St., New York City. RADION.

SIGNAL

SHELTRAN—Crosley Radio Corp., Cincinnati, Ohio.—Transformers.

SHERMAN—Henry Paulson & Co., 3750 Wabash Ave., Chicago, Ill.—Wave traps.

SHERMAN—Sherman Radio Distributing Co., 112 Trinity Place, New York City—Switches.

SHERMAN—H. B. Sherman Mfg. Co., Battle Creek, Mich.—Ground clamps, terminals, connections, clips.

SHERMAN POLAR—Sherman Radio Distributing Corp., 112 Trinity Place, New York City — Variocouplers.

SHERMATONE — Sherman Radio Distributing Corp., 112 Trinity Place, New York City — Loud speakers.

SHERMATRAN — Sherman Radio Distributing Co., 112 Trinity Place, New York City—Transformers.

SHIELDS

Morris Register Company, Council Bluffs, Iowa. MORRIS.

SHINN—W. C. Shinn Mfg. Co., 154 Whiting St., Chicago, Ill.—Lightning arresters.

SHIPPING CASES

(especially designed for radio manufacturers)

Pequot Mfg. Company, Manley & Thompson Ave., Long Island City, N. Y. PEQUOT. Air Cushion, especially designed for Radio Sets.

SHOCK-PROOF—L. S. Brach Mfg. Co., 120 Sussex St., Newark, N. J.—Telephone plugs.

SHUR-GRIP—Martin Copeland Co., 101 Sabin St., Providence, R. I.—Plugs.

SHURO—Frank W. Morse Co., 289 Congress St., Boston, Mass.—Battery testers.

SI—Superior Insulating Tape Co., 3046 Lambdin Ave., St. Louis, Mo.—Tape.

SICKLES—F. W. Sickles Co., 130 Onion St., Springfield, Mass.—Coils, transformers, variocouplers, variometers, tuners and tuning coils.

SICO — Standard Insulation Co., Rutherford, N. J.—Varnished cambric, varnished condenser and coil paper.

SIGNAL—Signal Electric Mfg. Co., 1900 Broadway, Menominee, Mich.—Transmitting keys, cabinets, socket adapters, transformers, vernier dials, tuning coils, variable condensers.

SIGNAL STANDARD

- SIGNAL STANDARD**—Signal Electric Co., 1900 Broadway, Menominee, Mich.—Transmitting keys.
- SIGNOLA**—Signal Electric Mfg. Co., 1900 Broadway, Menominee, Mich. Loop aeriels, vernier dials, transmitting keys, transmitters, variable condensers, tuning coils, tables.
- SILCRIMP**—Valley Narrow Fabrics Co., 57 Chestnut St., Central Falls, R. I.—Aerials.
- SILGO**—C. E. & H. T. Hargraves, Lakewood, R. I.—Mounted crystals.
- SILVER BEAUTY** — Triple-A-Specialty Co., 628 W. Jackson Blvd., Chicago, Ills.—Battery chargers.
- SILVER BLEND**—E. F. Reinhardt & Co., 220 N. 4th St., St. Louis, Mo.—Crystals.
- SILVER DOME**—C. E. & H. T. Hargraves, Lakewood, R. I.—Fixed detectors.
- SILVER-MARSHALL INC.**—Silver-Marshall Inc., 110 S. Wabash Ave., Chicago, Ills.—Low loss coils, transformers.
- SILVERTONE**—Silvertone Distributing Co., 1819 Broadway, New York City—Vacuum tubes.
- SILVERVOICE** — Radiotive Corp., 5371 21st St., Brooklyn, N. Y.—Loud speakers, phonograph attachments.
- SILVERVOICE**— Reichmann Co., 1725 West 74th St., Chicago, Ills.—Loud speakers.
- SILVOPLATE** —Silvoplate Co., 125 Church St., New York City — Silverplating composition.
- SIMMONS**—Simmons Mfg. Co., 3405 Perkins Ave., Cleveland, Ohio—Metal stampings.
- SIMPLEX HANDY**—Interstate Electric Co., 4015 Laclede Ave., St. Louis, Mo.—“A” batteries.
- SIMPLEX**—Peerblow Mfg. Co., Leetsdale, Pa.—Alcohol torches.
- SIMPLEX**—Simplex Radio Co., Rec- tor St., Philadelphia, Pa.—Receiving sets, parts and units, lightning arresters.
- SIMPLEX**—Simplex Telephone and Radio Mfg. Co., 201 Inspector St., Montreal, Canada — Transformers, variable condensers, headsets, loud speakers, mountings, variocouplers.
- SIMPLEX CHARGERS**— Interstate Electric Co., of Saint Louis, 4339 Duncan Ave., St. Louis, Mo.— Battery chargers
- SIMPLEX CHARGER** — Kellogg Switchboard and Supply Co., 1066 W. Adams St., Chicago, Ills.— Charger.

SMITH

- SINCROFLEX** — Mack Co., 1810 Market St., Philadelphia, Pa.— Sets, receiving.
- SINK-OR-SWIM (S-O-S-)** — The Chaslyn Co., 3845 Ravenswood Ave., Chicago, Ills.—Hydrometers.
- SIX-SIXTY** —H. D. Smith & Co., Plantsville, Conn.—Rubber covered screw drivers.
- SKAWAREFLEX - SQUARE TINNED**—Essex Mfg. Co., 117 Mulberry St., Newark, N. J.— Bus wire.
- THE SKYLARK** — Benler Radio Corp., 148 Duane St., New York City—Sets, receiving.
- SLEEPER**—Sleeper Radio Corp., 430 Washington Ave., Long Island City, N. Y.—Construction parts, variometers, fixed couplers, transformers, sockets, receiving sets.
- SLIDERS**
Aerovox Wireless Corp., 489 Broome St., New York City. **AEROVOX.** For 3-16 in. and 1-4 in. square rod, 10c.
Forman & Company, 366 Greenwich St., New York City. **FORMAN & CO.** 6c.
U. T. Hungerford Brass & Copper Company, 80 Lafayette St., New York City. **STAR BRAND**, 3-16 inch, 1-4 inch.
Henry Hyman & Company, Inc., 470 Broadway, New York City. **BEST-TONE.** No. 756, 3-16 inch, \$8.00 per hundred; No. 757 1-4 inch, \$8.50 per hundred.
Frank W. Morse Company, 289 Congress St., Boston, Mass.
Philmore Mfg. Company, 105 Chambers St., New York City. Brass. $\frac{1}{4}$, \$55.00 per M; 3-16, \$50.00 per M.
- SLIDING RODS**
The American Brass Company, Waterbury, Conn. **AMBRAC. ANA-CONDA.** Ground rods.
U. T. Hungerford Brass & Copper Company, 80 Lafayette St., New York City. **STAR BRAND.** (Prices depend upon size.)
Magnus Elec. & Radio Mfg. Corp., 785 E. 138th St., New York City. **MAGNUS.** No. 808, 15c; No. 809, 15c; No. 810, 18c; No. 811, 18c; No. 812, 20c; No. 813, 20c.
Radio Specialty Company, Inc., 98 Park Place, New York City. **RAS-CO.** No. 1425 plain, 1-4, 10c; No. 8032, threaded, 8-31, 8c.; No. 3616, plain, 3-16, 6c.; No. 6032, threaded, 6-32, 6c.
- SMITH** — B. W. Smith, Danbury, Conn.—Tuners, tuning coils, knock down storage batteries, battery chargers, cabinets.

SMITH (Continued)

SMITH (design)—T. C. Smith & Co., 3907 Powelton Ave., Philadelphia, Pa.—Switches, rheostats, potentiometers, knobs, dials, bezels, fixed resistance units, inductance switches.

SNAP-ON—Snap-On Elec. Co., 1456 Rascher Ave., Chicago, Ill. — Binding posts.

SOCKET ADAPTERS

Alden Mfg. Company, 52 Willow St., Springfield, Mass. NA-ALD. For UV199. No. 429, 75c; for UX-199, No. 419X, 35c.

Martin Copeland Company, 101 Sabin St., Providence, R. I. MARCO. 199A, WD11, 65c.; WD11 to 199, 75c.; WD11 to Standard, 75c.

Eisemann Magneto Corp., 165 Broadway, New York City. EISEMANN. (For UV199 or C299 Tubes). \$1.25.

Harcourt Radio Company, 61 Sherbourne St., Toronto, Can. Peanut Tube.

King Quality Products, Inc., Buffalo, N. Y.

John F. Walsh & Co., 397 7th Ave., New York City. International Insulating Corp.

Kladag Radio Labs., Kent, Ohio. KLADAG. 20c.

SOCKET SHELLS

Alden Mfg. Company, 52 Willow St., Springfield, Mass. NA-ALD. For gang mounting on panels. Bakelite. No. 440, 30c; with de luxe contact, No. 440C, 35c.

American Mechanical Labs., Inc., 285 N. 6th St., Brooklyn, N. Y. A. M. L.

Bridgeport Brass Company, Bridgeport, Conn. BRIDGEPORT. Brass.

The Torrington Mfg. Company, 10 Franklin St., Torrington, Conn. Brass.

Waterbury Mfg. Company, Waterbury, Conn.

F. R. Zierick Machine Works, 207 Canal St., New York City. ZIERICK.

SOCKET SPRINGS

F. R. Zierick Machine Works, 207 Canal St., New York City. ZIERICK.

SOCKET PLUG AERIAL (see Aerials)

SOCKETS DRY CELL (see Sockets)

SOCKETS (for vacuum tubes) (single, multiple, gang; dry cell, standard, special porcelain, moulded, metal, glass, composition, etc.)

The Airex Company, 797 Greenwich St., New York City. AIREX. Flexible.

SOCKETS

Alden Mfg. Company, 52 Willow St., Springfield, Mass. NA-ALD.

Bakelite. De Luxe Socket, price, 75c; with spring cushion mounting, 75c. Small space socket, 35c; with spring cushion mounting, 50c. No. 499 socket for UV199 tube, 50c; with spring cushion mounting, 50c. No. 481 X socket for UX tube, 35c; with spring cushion mounting, 50c.

All American Radio Corp., 4201 Belmont Ave., Chicago, Ill. Type R-25 ALL AMERICAN STANDARD SOCKET (for 201A tubes), price 75c; type R-26, ALL AMERICAN SUPER-FINE Socket (for 199 tubes). Price, 50c.

American Elec. Company, Inc., 22 Prospect St., Newark, N. J. AMEROID.

American Hard Rubber Company, 11 Mercer St., New York City. RADION.

American Insulator Corp., New Freedom, Penna. AICO BAKELITE.

American Mechanical Labs., Inc., 285 No. 6th St., Brooklyn, N. Y. A. M. L.

American Radio & Research Corp., Medford Hilside, Mass. AMRAD. 2164 Metal. 3452, moulded.

Amsco Products Company, Broome and Lafayette Sts., New York City. AMSCO.

Audiola Radio Company, 430 South Green St., Chicago, Ill.

Ballston Insulating and Composition Company, Ballston Spa, N. Y. Single and triple with metal tubes.

Barber & Baldwin, Inc., 30 East 42nd St., New York City. CLIX. Terminal plug.

Bell Mfg. Company, 11 Elkins St., Boston, Mass. BELL RADIO PRODUCTS. Bakelite.

Bennington Radio & Electric Mfg. Company, Inc., 522 Main St., Bennington, Vt. BREMCO. Bakelite.

Bronx Radio Equipment Company, 687 Courtlandt Avenue, New York City. BRECO. Single, 90 cents; double, \$1.75; triple, \$2.50.

Bruno Radio Corp., 222 Fulton St., New York City. BRUNO. 5, WD-11, 60c.

Buell Manufacturing Company, 2975 Cottage Grove Ave., Chicago, Ill. "BUELL" LOW LOSS SOCKET. Standard, 75c. No. 199, 75c.

Canada Marconi Company, Montreal Canada. MARCONI.

Caufman & Clough Company, Wilmington, Del. REACHIT.

SOCKETS (Continued)

Circle F. Mfg. Company, Trenton, N. J. CIRCLE F.

Martin Copeland Company, 101 Sabin St., Providence, R. I. MARCO. 199-A, WD-11, 75c.; Standard, 90c.

De Jur Products Company, Lafayette and Broome St., New York City. DE JUR. Bakelite.

James C. Doran & Sons, Inc., 150 Chestnut St., Providence, R. I. DORAN. Double contact.

Dungan Sternfield Radio Sales, Chicago, Ills.

Duray Radio Corp., 263 Washington Ave., Newark, N. J. VIRALON. All glass socket DURAY, \$1.25.

Eagle Condensers, Inc., 858 Bedford Ave., Brooklyn, N. Y. EAGLE V. T. 50c.

Eagle Manufacturing Company, Inc., 72 York St., Jersey City, N. J.

Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills. Erla Indestructible Tube Socket, 201-31 Size, 75c.; 199-299 Size, 65c.; Erla Nil-Loss Cushion 201, 75; Sockets 199, 75.

Electric City Novelty & Manufacturing Company, 126 Odell St., Schenectady, N. Y. RADJO. Combination for old and new type tubes, 50c. to 75c.

Everett Radio Company, 5207 Dorchester Ave., Chicago, Ills. MAX-IMUS.

M. M. Fleron & Sons, Inc., 113 N. Broad St., Trenton, N. J. FLERON Black porcelain, black glaze. 199, 45c.; 201, 65c.

Forman & Company, 366 Greenwich St., New York City. FORMAN & CO. Bakelite. Side-wiping contact, 30c.; Triple Bakelite, heavy spring contact, \$1.20.

Herbert H. Frost, Inc., 314 W. Superior St., Chicago, Ills. FROST RADIO. No. 612, 65c.; 99 type; Shock absorber type, \$1.25; No. 617; standard, \$1.25; No. 618; 3 gang, "99," \$3.25; No. 619, 3 gang, standard, \$3.25. Single, 65c., \$1.20, 199 and standard.

General Porcelain Company, Camden Avenue, Parkersburg, W. Va. Porcelain.

General Radio Company, 30 State St., Cambridge, Mass. GENERAL RADIO COMPANY, 282, 60c.; 299, 50c.; 156, \$1; 199, 50c.

The B. F. Goodrich Rubber Company, Radio Dept., Akron, Ohio. GOODRICH, V. T.

SOCKETS

The Hart & Hegeman Mfg. Company, 342 Capitol Ave., Hartford, Conn. H. & H. W-200 Bakelite, for 6 volt tube, W-199 Bakelite for UV-199, W-198, porcelain for 6 volt.

Heath Radio & Electric Mfg., 210 First St., Newark, N. J. HEATH. 75c.

Heinemann Electric Company, 1730 No. 5th St., Philadelphia, Pa. SENSORY.

Howard Radio Company, 451-469 East Ohio St., Chicago, Ill. HOWARD VACUUM TUBE.

U. T. Hungerford Brass & Copper Company, 80 Lafayette St., New York City. SENSORY VT. Moulded, 75c.; metal shell, 75c.

Henry Hyman & Company, Inc., 476 Broadway, New York City. BESTONE. No. 724, Metal Shell Bakelite, base, 75c.; No. 784, 3 gang socket, \$2.50; No. 789, 199 tube socket, 50c.

Imperial Radio Company, 201 South Columbia St., Union City, Ind.

Jos. W. Jones Radio Manufacturing Company, Inc., 40 West 25th St., New York City. JOS. W. JONES. Standard base, 65c.

Kellogg Switchboard & Supply Company, 1066 West Adams St., Chicago, Ills. Bakelite, 60c.

Moulded Products Corp., 549 W. 52d St., New York City.—Bakelite.

Radio Division King Quality Prod., Inc., Buffalo, N. Y. KING QUALITY. UV-199, 75c.; Standard, 75c.; Panel Mounting, Standard sockets, \$1.10. Panel Mounting, UV-199 sockets, \$1; Panel Mountings alone, 25c.

Kurz-Kasch Company, Dayton, Ohio. K.K. Sockets: Vacuum Tube, Bakelite.

Lee Electric & Mfg. Company, 220 Eighth St., San Francisco, Calif. LEMCO. S401, \$1; S402, \$1; S404, 85c.; S405, 50c.

Leich Electric Company, Genoa, Ills. LEICH.

Luzerne Rubber Company, Trenton, N. J. LUZERNE. Hard rubber.

Magnus Electric & Radio Mfg. Corp., 785 East 138th St., New York City. MAGNUS. No. 830 Aluminum VT., 70c; Magnus, No. 847, single, 80c.; Magnus, No. 849, triple, \$2.50. Bakelite.

Mazda Radio Manufacturing Company, 3411 Perkins Ave., Cleveland, Ohio. Genuine Bakelite Shell with double contact. Side, bottom and lock grip, 75c. MUZADA.

SOCKETS (Continued)

Merrick Labs., 283 Glenwood Ave., Bloomfield, N. J. For U. X. tubes. 55c., 60c. Combination sockets for U. X. and U. V, 60c

Millimeter Machine Works, Inc., 542 West 42nd St., New York City. Bakelite.

Frank W. Morse Company, 298 Congress St., Boston, Mass. MORSE EUREKA. Peanut, 199 and 201.

Music Master Corp., 128 North 10th St., Philadelphia, Penna. (Porcelain base.) MUSIC MASTER Navy, \$1. MUSIC MASTER 199, 75c.

The Mydar Radio Company, 9 Campbell St., Newark, N. J. BURKE. Type A B.

The National Lead Company, Molding Division, 111 Broadway, New York City. DUTCH BOY. VT. Bakelite.

National Light & Electric Company, 59 Lafayette St., Newark, N. J. NATIONAL.

N. Y. Hard Rubber Turning Company, 212 Centre St., New York City. RADION.

J. H. Parker & Son, Inc., Parkersburg, W. Va. J. H. "PARKSON."

Parkin Manufacturing Company, San Rafael, Calif. PARKIN. PEAK OF PERFECTION. Standard. Bakelite. No. 78.

G. C. Payette & Company, 190 St. Catherine St., West, Montreal, Canada. PAYETTE. 50c., 75c., \$1.

Pfanstiehl Radio Company, 11 St. La Salle St., Chicago, Ills. PFANSTIEHL. Shock Proof. Base or panel mounting P-101, P-102-two gang, \$1; P-103-three gang, \$1.50.

Philmore Mfg. Company, 105 Chambers St., New York City. AJAX.

Pilot Electric Mfg. Company, 323 Berry St., Brooklyn, N. Y. PILOT. Bakelite.

Pioneer Radio Corp, Galesburg, Ills. Bakelite, 75c.

SOCKETS

Premier Electric Company, Grace & Ravenswood Ave., Chicago, Ill. PREMIER. Gang. LO-LOSS.

Radio Panel and Parts Corporation, 59 Warren St., New York City. INSULINE. Low Loss.

Radio Products Manufacturing Company, 501 South Jefferson St., Chicago, Ills. RPM. Single, 60c.; triple, \$1.50; type 199, 60c.

The Recto Mfg. Company, 23 West 3rd St., Cincinnati, Ohio. RECTO.

Remler Radio Manufacturing Company, 182 Second St., San Francisco, Calif. REMLER. No. 92 Socket, STD base list, \$1; No. 399 Socket, C299, UV199, list 75c.

C. B. Repp, Plainfield, N. J. Sockets.

The Seiss Manufacturing Company, Philips Ave. ana N. Y. C. Ry., Toledo, Ohio. SEISS, 75c.

Shamrock Manufacturing Company, Newark, N. J. SHAMROCK. Single Socket, 80c.; Double Socket. \$1.60; Triple Socket, \$2.40.

Shaw Insulator Company, 150 Coit St., Irvington-Newark, N. J.

Simmons Manufacturing Company, 3405 Perkins Ave., Cleveland, Ohio. Genuine Bakelite Shell with double contact. Side, bottom and lock grip, 75c. MUZADA.

Spartan Electric Corporation, 99 Chambers St., New York City. Staggered Sockets.

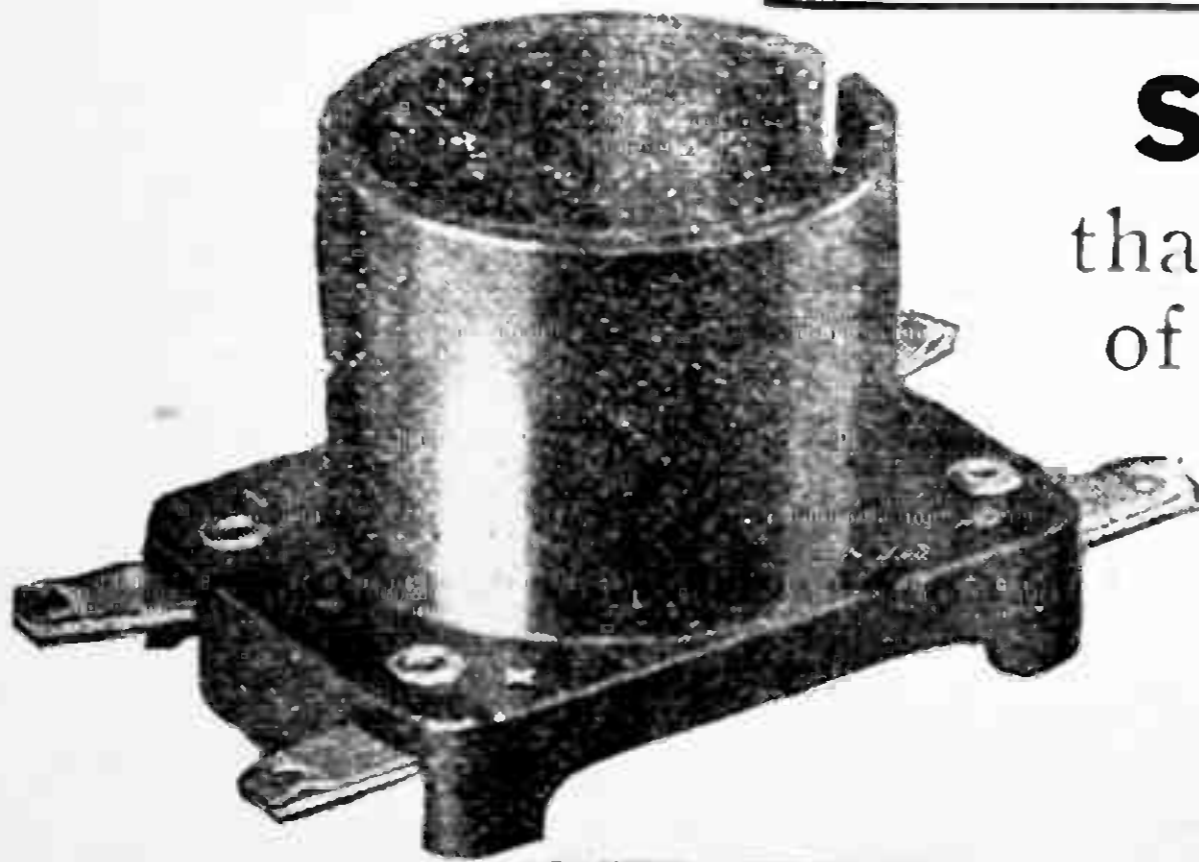
Spe Dec Specialty Company, 271 Canal St., New York City. Metal Shell, Bakelite, WD and standard.

Spielman Electric Company, Inc., 311 West 59th St., New York City. SECO. 75c.

Splitdorf Electric Company, 392 High St., Newark, N. J. SPLITDORF. No. 31305 Bakelite.

Tillman Products Company, 187 W. 9th St., Brooklyn, N. Y. VT.

Toaz Eng. & Sales Company, 11703 Robertson Ave., Cleveland, Ohio. SPRING.

**SOCKETS**

that take all types
of vacuum tubes.

Also special sockets
for special tubes.

**Shaw
Insulator Co.**
Irvington-Newark,
N. J.

SOCKETS (Continued)

The Trenle Porcelain Company, East Liverpool, Ohio. **THE TRENLE.**
 Union Radio Corp., 124 Sussex Ave., Newark, N. J. Moulded Bakelite Socket, 70c.

United Radio Manufacturing Company, 191 Greenwich St., New York City. **VICTORY.** Single, three-gang, five-gang, eight-gang, for Super-Heterodyne.

United States Rubber Company, 1790 Broadway, New York City. **VICTORY.**

Universal Insulation Company, Newark, N. J. **UNIVERSAL INSULATION.** Bakelite. **BELL.**

Van Horne Company, Franklin, Ohio. **VAN HORNE.**

Walnart Electric Manufacturing Company, 308 S. Green St., Chicago, Ills. **WALNART.** Standard base, 50c.; UV-199, 50c.

Waterbury Button Company, Waterbury, Conn. **V. T. U. V. 199,** Peanut Tube. Triple Socket.

Whitman and Barnes Manufacturing Company, Akron, Ohio.

SOCKET BASES

SODION—Connecticut Tel. & Electric Co., Meriden, Conn.—Vacuum tubes.

SOFT TREAD—Sterling Mfg. Co., 2831 Prospect Ave., Cleveland, Ohio—Rheostats.

SOLDERALL—L. S. Brach Mfg. Co., 127 Sussex Ave., Newark, N. J.—Torches, paste solder.

SOLDER-EZE—Jones Solder-Eze Co., 105 Tipton St., Johnston City, Tenn.—Soldering flux.

SOLDERITE—Beehler Steel Prod Co., 1439 No. 13th St., St. Louis, Mo.—Soldering irons.

SOLDER

American Solder & Flux Company, 2910 North 16th St., Philadelphia, Pa. **TINOL** Solder, Paste Form. With Rosin Flux.

Belden Manufacturing Company, 23rd St. and Western Ave., Chicago, Ills. Rosincore wire.

SOLDERING IRONS

L. S. Brach Mfg. Company, 127 Sussex Ave., Newark, N. J. **BRACH ROSIN CORE SOLDER.** Tube of solder with core of rosin. List price, 49c. per lb.

Chicago Solder Company, 4212 Wrightwood Ave., Chicago, Ills. **KESTER.** Rosin Core.

Essex Manufacturing Company, Newark, N. J. Liquid. Essex. 15c. bottle.

Thomas F. Lukens Metal Company, 1105 Fairmount Ave., Philadelphia, Penna. **LUCO** wire, bar, rosin, core.

Platt Bros. & Company, Waterbury, Conn. Fluxless Aluminum.

Tip-Top Products Company, 216 Market St., Newark, N. J. **TIP-TOP.** List Price, 15c.

SOLDERING COPPERS

Thomas F. Lukens Metal Company, 1105 Fairmount Ave., Philadelphia, Penna. **LUCO.** Various sizes. 25c.; \$3 per dozen. \$36 per gross.

SOLDERING FLUX

Apex Stamping Company, Riverdale, Ills. **JIFFY.** (Non-corrosive.) 25c.

Belden Manufacturing Company, 23rd St. and Western Avenue, Chicago, Ills.

L. S. Brach Mfg. Company, 127 Sussex Ave., Newark, N. J. **PEERLESS.** 15c. **SOLDERALL.** 25c

Everett Radio Company, 5207 Dorchester Ave., Chicago, Ills. **SUPERFLUX.**

SOLDERING IRONS

(including Soldering sets)

Adroit Tool Company, Inc., 14 Front St., New York City. **ADROIT JR.** Standard tip, \$2.25, 75 watts; **ADROIT JR.** pencil or elbow tip, \$2.50. 75 watts; three tips, \$3.25, 75 watts; **ADROIT B-100,** standard tip, \$6, 100-130 watts; **ADROIT B-200,** standard tip, \$9, 200-250 watts; **ADROIT B-300,** standard tip, \$12, 300-400 watts.

WE BUY AND WE SELL

All Wireless Telegraph and Radio
 Telephone Stocks—

P. C. KULLMAN & CO.

No matter whether on this market
 elsewhere or abroad

THE WIRELESS BROKERAGE HOUSE

See Page 221

There are times when a Company, owning basic and fundamental patents, drifts along, allowing an overconfident, infringing competitor to cultivate the enterprise and develop the field, but waiting for the psychological time to come, to swallow up the competitor, its enterprise, development and all. We can tell you a story about that—write us.

See Page 221

P. C. KULLMAN & CO.
 Wireless Brokerage House.

SOLDERING IRONS (Continued)

Alco Electric Manufacturing Company, 17 State St., New York City. **ALCO.** 6 volt storage battery operation.

Apex Stamping Company, Riverdale, Ills. **JIFFY.**

Beehler Steel Products Company, 1439 North 13th St., St. Louis, Mo. **SOLDERITE.** Electric, \$1.50, \$3.

Bleadon-Dun Company, 213 South Peoria St., Chicago, Ills. **B-D** Electric. Price List, \$2.

L. S. Brach Manufacturing Co., 129 Sussex Ave., Newark, N. J. **BRACH.** \$2.50.

The Burnley Battery & Manufacturing Company, North East, Penna. **BURNLEY.** Radio Soldering Outfit.

Eagle Electric Mfg. Company, 38 South 8th St., Brooklyn, N. Y.

Lenk Manufacturing Company, 34 Portland St., Boston, Mass. **LENK LITTLE HANDY.** A B C **HANDY.**

Liberty Works, 200 Fifth Ave., New York City. "**LIBERTY.**"

Thomas F. Lukens Metal Company, 1105 Fairmont Ave., Philadelphia, Penna. **LUCO.** Solderkits, 75c.; Wire solder kits, 25c.; rosin core kits, 25c.

Pal Sales Corp., 112 Concourse Bldg., Jersey City, N. J. **METRO.**

Post Electric Company, Inc., 80 East 42nd St., New York City. Electric. **METALECTRIC.** \$3.75. **POST SOLDERING IRON,** \$0.

Samson Cutlery Company, Rochester, N. Y. **SAMSON.** Electric.

Summit Radio Products, Inc., 36 Hague St., Jersey City, N. J. **SUMMIT.** Electrical.

Unity Mfg. Company, 224 N. Halsted St., Chicago, Ills. **UNITY.** Electric.

Varick Electric Mfg. Company, Inc., 71 8th Ave., New York City. **VARICK.** Electric, \$2.25; extra tips, 25c. **VARICK JR.,** \$1.

S. O. S.

White Beauty Electric Company, 4416 Western Ave., Chicago, Ills. **WHITE BEAUTY.** Electric, \$1.50 and 75c.

Frank E. Wolcott Manufacturing Company, Hartford, Conn. **TORRID.** Electric Soldering Iron.

SOLDERING IRON TIPS

L. S. Brach Mfg. Company, 127 Sussex Ave., Newark, N. J. **BRACH ELECTRIC IRON TIPS.** For use with electric soldering irons. List price, 50c.

SOLDERING PASTE

L. S. Brach & Company, 129 Sussex Ave., Newark, N. J. **BRACH.** Soldering paste.

The Burnley Battery & Manufacturing Company, North East, Penna. **BURNLEY.**

Thomas F. Lukens Metal Company, 1105 Fairmont Ave., Philadelphia, Penna. **LUCO.**

SOLDERING SALTS

The Burnley Battery & Manufacturing Company, North East, Penna. **BURNLEY.**

SOLDERING SOLUTION

The Burnley Battery & Manufacturing Company, North East, Penna. **BURNLEY.**

SOLDERING STICKS

The Burnley Battery & Manufacturing Company, North East, Penna. **BURNLEY.**

SOMERVILLE—F. R. Pray & Co., 26A Brattle St., Boston, Mass.—Dials, dial tags, binding posts, jack tags, name plates.

SONATRON—Sonora Tube Co., 220 S. State St., Chicago, Ills.—Tubes.

THE SONOCHORDE — Bondette Mfg. Co., Revere, Mass. — Loud speakers.

SONORA—Sonora Tube Co., 220 S. State St., Chicago, Ills.—Tubes, receiving sets.

S. O. S.—The Chaslyn Co., 3845 Ravenswood Ave., Chicago, Ills.—Battery testers.

TRADE IN AND TRADE OUT
of the MARKET on WIRELESS
STOCKS through
THE WIRELESS BROKERAGE HOUSE
P. C. KULLMAN & CO.

Write us—We can tell you how
to do it and make profits

See advertisement page 221

\$100.00 Invested in MARCONI'S
WIRELESS TELEGRAPH COMPANY
(the English Marconi or Parent Com-
pany) in 1908 has yielded a profit in
1912 of \$3,600
We made both the purchase and the Sale

See advertisement page 221

P. C. KULLMAN & CO.
WIRELESS BROKERAGE HOUSE

S. O. S.

S.O.S.—Victor Storage Battery Co., Inc., Rock Island, Ills.—Batteries.

SOUND CHAMBERS (for loud speaker manufacturers; see also Horns).

Exceltone Radio Sales Co., 344 E. 32nd St., New York City. Tone chambers, tone arms, goose necks.

SOUNDRITE — The Lightrite Co., Inc., Bloomfield, N. J. — Loud speakers receiving sets, amplifiers.

SPAGHETTI

Crescent Braid Company, Inc., Providence, R. I. CRESCENT BRAID. Tubing.

The B. F. Goodrich Rubber Com-

SPAGHETTI

pany, Radio Dept., Akron, Ohio. GOODRICH. Tubing.

Phenix Aircraft Products Company, Williamsville, N. Y. PHENIX. Liquid.

SPAGHETTI TUBING

Acme Wire Company, New Haven, Conn. Also tinned copper wire spaghetti covered. CELATSITE.

Alpha Radio Supply Company, Cable Building, 611 Broadway, New York City. ALPHA SPECIAL SPAGHETTI. Five colors in stock, others to order.

Belden Mfg. Company, 23rd St. and Western Ave., Chicago, Ills. BELDENMOLD.

If the trade-mark or apparatus you are looking for is not listed here

Ask Our **SERVICE BUREAU**

THE RADIO DEALER

1133 Broadway

New York

**TONE CHAMBERS and TONE ARMS
GOOSENECK HORNS**

made of pressed wood

For every purpose where loud speakers are used. Let us have your requirements. Our Engineering Department will solve your loud speaker problems free of charge.

EXCELTONE RADIO SALES CO.

344 East 32 Street, New York City, N. Y.

Phone Lex. 6225

Instead of Holding on to Stock indefinitely and cashing in only on Dividends and Bonuses, the RIGHTS and Subscription privileges, **SELL** when HIGH and **BUY BACK** when LOW.

P. C. KULLMAN & CO.

**THE WIRELESS
BROKERAGE HOUSE**

See advertisement page 221

\$100.00 Invested In Marconi Wireless Telegraph Company of America (present name Radio Corporation of America) in 1911, has yielded a profit in 1912 of **\$5,500.00**
We made both the Purchase and the Sale

See Page 221

P. C. KULLMAN & Co.
The **WIRELESS BROKERAGE HOUSE**

SPAGHETTI TUBING (Continued)

De Jur Products Company, Lafayette and Broome Sts., New York City. **DE JUR.**

Th. Goldschmidt Corp., 15 William St., New York City. Newfeldt & Kuhnke Division.

Mitchell Rand Mfg. Company, 15 Vesey St., New York City. **MITCHELL RAND.**

Philmore Mfg. Company, 105 Chambers St., New York City. **AJAX.**

Standard Insulation Company, Rutherford, N. J. **SICO.** Varnished Cambric.

Westphal Manufacturing Laboratory, 80 East Jackson Blvd., Chicago, Ills. **WESTPHAL'S FLEXIBLE SPAGHETTI.** Black or yellow.

SPARK GAPS

J. H. Bunnell & Company, 32 Park Place, New York City. **MASCOT. BEEKO. DANDY.** Rotary, \$25; plain, \$2.40, \$3.50.

SPARTAN—Spartan Electric Corp., 99 Chambers St., New York City.—Loud speakers.

SPARTAN PRODUCT — Spartan Electric Corp., 99 Chambers St., New York City—Parts.

SPAULDING BAKELITE—Spaulding Fibre Co., Inc., Tonawanda, N. Y.—Panels, pieces, sheets, rods, tables and special machined radio parts.

SPAULDING FIBRE PRODUCTS —Spaulding Fibre Co., Inc., Tonawanda, N. Y.—Fibre parts, bushings, condensers, parts, washers, rheostat strips.

SPAULDING—Spaulding Fibre Co., Inc., Tonawanda, N. Y.—Spaulding bakelite.

SPEAKERS, LOUD (see Loud speakers)

SPEAR — Spear Mfg. Co., New Brunswick, N. J.—Screws.

SPECO — Special Chemicals Co., Highland Park, Ills.—Soldering flux, solid sal ammoniac, soldering paste, sticks, salts, soldering outfits, soldering sets.

SPEE-DEE—Spee-Dee Specialty Co., 199 Lafayette St., New York, N. Y.—Tubing.

SPEEDWAY — Electro Magnetic Tool Co., 19th St. & 52nd Ave., Cicero, Ills.—Electric tools.

STANDARD

SPENCER — Spencer Mfg. Co., Aurora, Nebr. — Variable grid leaks, resistances, fuses, tube protectors.

SPIDER-WEB — The Spider-Web Radio Corp., 71 Park Place, New York City.—Coils.

SPIDER WEB COILS (see Coils)
SPIDER WEB FRAMES

De Luxe Sales Company, 112 Trinity Place, New York City. Fibre, 3½ in., 5c.; 5 in., 10c.; Bakelite, 3½ in., 10c.

Chas. Fischer Spring Company, 240 Kent Ave., Brooklyn, N. Y. For all purposes.

Forest City Rubber Company, 1276 Ontario St., Cleveland, Ohio. **FOREST CITY.** Spider Web.

SPLITDORF—Splitdorf Elec. Co., 392 High St., Newark, N. J.—Vacuum tube sockets, head sets, molded insulation, dials, rubber or composition, fixed condensers, receiving sets, loud speaking units, transformers.

SPLITDORPHONE— Splitdorf Elec. Co., 392 High St., Newark, N. J.—Loud speakers.

SPRAGUE RADIO—Sprague Radio Corp., 342 Madison Ave., New York City—Broadcasting receiving apparatus.

SPRINGFIELD —Springfield Wire and Tinsel Co., 67 Taylor St., Springfield, Mass.—Wire.

SPRINGS

Parker Metal Goods Company, 28 Cherry St., Worcester, Mass. **PARKER.**

The Seymour Products Company, Seymour, Conn.

SPLIT VARIOMETERS (see Variometers)

SPRING TERMINALS (see Lugs; Clips)

STAMPINGS (see Metal Stamping)

S. P. 2—Pittsburgh Radio Supply House, Inc., 963 Liberty Ave., Pittsburgh Pa.—Receiving sets.

SRC-4—Supertone Radio Co., McKibben Bldg., Muskegee, Oklahoma—Receiving sets.

STAHL SHORT PROOF CONDENSER—Stahl Rectifier Co., 1455 W. Congress St., Chicago, Ills.—Condensers.

STAHL SYNCHRONOUS RECTIFIER—Stahl Rectifier Co., 1455 W. Congress St., Chicago, Ills.—Rectifiers.

STANDARD—J. H. Bunnell & Co., 32 Park Place, New York City—Keys, tuning coils.

STANDARD (Continued)

- STANDARD**—Standard Alloy Wire Co., P. O. Box 253, Elizabeth, N. J.—Wire.
- STANDARD** (within diamond) — Standard Metal Mfg. Co., 237 Chestnut St., Newark, N. J. — Horns.
- STANDARD**—Standard Metal Mfg. Co., 237 Chestnut St., Newark, N. J. — Horns, loud speakers, loud speaker units.
- STANDARD**—Standard Radio Tube Co., 273 Plane St., Newark, N. J.—Vacuum tubes.
- STANDARD**—Standard Transformer Co., Warren, Ohio.—Transformers.
- STANDARD**—Standard Underground Cable Co., 17th & Pike St., Pittsburgh, Pa.—Wire, tape.
- STANDARD BALDWIN** — Nathaniel Baldwin, 3474 So. 23rd St., Salt Lake City, Utah.—Loud speakers.
- STANDARD BRAND** — Standard Mineral Co., 216 Market St., Newark, N. J.—Crystals.
- STANDARD CABINET MFG. CO** — Standard Cabinet Mfg. Co., East Canal St., Peru, Ind. — Antenna frames, cabinets.
- STANDARDYNE** — Standard Radio Corp., Worcester, Mass.—Receiving sets.
- STAND-OFF**—Findlay Electric Porcelain Co., Findlay, Ohio—Insulators.
- STANLEY**— The Stanley Works, New Britain, Conn. — Stamped metal parts, cabinet hardware, hand tools.
- STA-PUT**—Martin Copeland Co., 101 Sabin St., Providence, R. I. — Plugs.
- STAR**—Brown Rubber Co., Providence, R. I.—Insulated wire, flexible cords, armored cables.
- STAR**—Star Crystal Co., 527 Woodward Ave., Detroit, Mich.—Detectors, Crystal, Cat whiskers.
- STAR**—Star Fuse Co., 168 Center St., New York City.—Renewable fuses.

STEINITE

- STAR**—Star Radio Products Co., 711 S. Dearborn St., Chicago, Ills.—Tuners, tuning coils, sockets.
- STAR BRAND**— U. T. Hungerford Brass & Copper Co., 80..Lalayette St., New York City — Switch levers, aerial wire, sliders, sliding rods, binding posts, hexagon brass nuts, switch stops, contact points, brass wire, copper plugs, hexagon nuts.
- SARCO** — Simplex Telephone & Radio Mfg. Co., 201 Inspector St., Montreal, Canada.—Head phones, radio products.
- STAR CRYSTAL**—Star Crystal Co., 527 Woodward Ave., Detroit, Mich.—Cat whiskers.
- STARDYNE**—Star Radio Products Co., 711 S Dearborn St., Chicago, Ills.—Receiving sets.
- STAROTONE**—Star Radio Co., 1936 Westlake Ave., Seattle, Wash.—Loud speakers.
- STARR**—Starr Equipment Corp., 366 Hamilton Ave., Bklyn., N. Y.—A. F. Transformers, receiving sets.
- STARRETT**—Starrett Manufacturing Co., 523 South Green St., Chicago, Ills.—Panels, tubes, rods.
- STARRETT**—The L. S. Starrett Co., 165 Crescent St., Athol, Mass.—Bench vises, head vises, frames, hack saws.
- STASCO**—Sheffield Trimming & Stamping Co., 211 Centre St., New York City—Clips, dia's, rheostats.
- STATIC ELIMINATORS (see Wave traps)**
- STEARNS**—E. C. Stearn's Co., Inc., Syracuse, N. Y. —No. 21 hand vise, No. 22 radio vise.
- STEINITE** —Steinite Laboratories, Radio Bldg., Atchison, Kan. — Horns, receiving sets, amplifiers, variable condensers, wave traps, crystals, rectifiers, loud speakers, parts, etc.

Established 1889 Incorporated 1904

P. C. KULLMAN & Co.

THE OLD ESTABLISHED WIRELESS
BROKERAGE HOUSE

110-116 NASSAU STREET
NEW YORK

See advertisement page 221

There are many **RADIO TELEPHONE** and **WIRELESS TELERAPH** stocks on the market (see Page 221), many of which will amalgamate or consolidate with other Companies, or will be absorbed by the stronger one. When making an investment buy the stock of the well seasoned, older dividend paying Companies. Correspondence solicited.

P. C. KULLMAN & CO.
THE WIRELESSS BROKERAGE HOUSE
110-116 NASSAU STREET
NEW YORK, N. Y.

STEINMETZ

STEINMETZ—Steinmetz Wireless Mfg. Co., 5703 Penn Ave., Pittsburgh, Pa.—Power amplifiers, head sets, detectors, crystals, receiving sets.

ST. JAMES—St. James Laboratories, Inc., 845 Washington Blvd., Chicago, Ills.—Coils, couplers, oscillators.

STERLING—Diamond Saw and Stamping Works, 357 Seventh St., Buffalo, N. Y.—Hack saw frames, blades.

STERLING—Sterling Enterprises Inc., 335 Broadway, New York City—Radio supplies, cabinet loud speakers, tubes, "B" eliminator tubes.

STERLING—Sterling Insulated Wire Co., Pawtucket, R. I.—Wire.

STERLING—The Sterling Electrical Corp., W. 28th St. and Church Ave., Cleveland, Ohio.—Soldering irons, electric.

STERLING—The Sterling Mfg. Co., 2831 Prospect Ave., Cleveland, Ohio.—Battery chargers, meters, audio transformers, logs.

STERLING—The Sterling Mfg. Co., 2831 Prospect Ave., Cleveland, Ohio.—Voltsmeters, transformers, fixed condensers, battery chargers, potentiometers, rheostats.

STERLING FIVE—Gibson-Sears Radio Corp., 48 W. Broadway, New York City.—Receiving sets.

STEVENS—Stevens & Co., 375 Broadway, New York City—Tools, bus bar bending, hand tools.

STEWART—Stewart Battery Co., 361 W. Superior St., Chicago, Ills.—"A" storage batteries, receiving sets, "B" storage batteries, rechargeable "B" batteries.

STIERS—Stiers Radio Corp., 993-4th Ave., Brooklyn, N. Y.—Coils, variocouplers, tuners, variometers.

STIK-ON—Westphal Mfg. Laboratory, 80 E. Jackson Blvd., Chicago, Ills.

STOCK BROKERS (featuring radio stocks)

P. C. Kullman & Co., 110 Nassau St., New York City. (See ad page 221)

STOPS, SWITCH (see Contacts; Switch parts)

STORAGE BATTERIES (see Batteries A, storage; Batteries B, storage)

STORAGE BATTERY CHARGERS (see Battery chargers)

STRAND-TIMMONS—Manufacturers Phonograph Co., 95 Madison Ave., New York City—Loud speakers, loud speaking units,

SUPER

phonograph attachments, phonograph adapters.

STOPSIT—The Mydar Radio Co., 9-13 Campbell St., Newark, N. J.—Switch stops.

STORAD—The Cleveland Engineering Labs. Co., 2124 Superior Viaduct, N. W., Cleveland, Ohio—"B" Storage Batteries.

STORM KING—L. S. Brach Mfg. Co., 127 Sussex Ave., Newark, N. J.—Outdoor lightning arresters.

STRAD-O-VOX—Sterling Cabinet Works, 152 W. 42nd St., New York City.—Loud speakers.

STRAD-O-VOX—Sterling Cabinet Works, 152 42nd St., New York City.—Loud speakers.

STRAITLINE—Haig & Haig Mfg. Co., Inc., 25 South Water St., Rochester, N. Y.—Low loss condensers.

SUPERADIO—Deem Radio Prod. Co., 177 Greenwich St., New York City.—Receiving sets.

SUPERADIO—De Witt Le France Co., Inc., 54 Washburn Ave., Cambridge, Mass.—Amplifier units, receiving sets.

STROMBERG-CARLSON—Stromberg-Carlson Telephone Mfg. Co., 1060 University Ave., Rochester, N. Y.—Radio receiving sets, headsets, plugs, jacks, cords, loud speakers, phone plugs, variable condensers.

STREIT—Streit Radio Corp., 114 Chambers St., New York City.—Receiving sets.

STUART—Stuart Products Corp., 663 W. Washington Blvd., Chicago, Ills.—"A" dry cells, "B" dry cells, "C" dry cells.

STUCKEMAN BROS., INC.—Stuckeman Bros., Inc., 204 Warrington Ave., Pittsburgh, Pa.—Variocouplers, variometers, phonograph adapters, variable condensers, variable air phone plugs, phone tip jacks, screw machine products.

SUMMIT—Summit Radio Mfg. Co., 481 Broad St., Newark, N. J.—Kits.

SUN—Sun Mfg. Co., Inc., Louisville, Ky.

SUNECO Sun Equipment Co., 30 Broad St., New York City—Socket adapters.

SUNSET—North Ward Radio Co., 236 Halsey St., Newark, N. J.—Crystals, mounted.

SUPER—Super Antenna Co., Quincy, Ills.—R. F. transformers, R. F. receiving sets, sockets, plugs.

WE BUY and WE SELL

ALL the WIRELESS TELEGRAPH STOCKS ALL the RADIO TELEPHONE STOCKS
 ALL the RADIO BROADCASTING and ALL the RADIO SET MANUFACTURING STOCKS
STOCKS—BONDS—and INVESTMENT SECURITIES

Below are some of the stocks that have READY MARKETS at the present time.
 Present Market Prices quoted on application.

STOCKS

- | | |
|--|--|
| <p>All American Cable.
 American Telegraph & Cable.
 American Telephone & Telegraph.
 Apco Manufacturing Co, Class 'A,' Pfd.
 Apco Manufacturing, Common.
 Bell Telephone of Canada.
 Boissonnault Co. (G.)
 Cuban Telephone, Common.
 Cuban Telephone, Preferred.
 DeForest Radio Co.
 Dubilier Radio & Condenser Co.
 Duplex Condenser & Radio Co.
 Electric Products Manufacturing Co.
 Federal Telephone & Telegraph Co.
 Freed-Eisman Radio Corporation.
 Charles Freshman Co.
 Garod Corporation.
 General Electric Co.
 General Electric, Special.
 David Grimes Radio & Cameo Corp.
 Hazeltine Corporation.
 Inter City Radio Telegraph Co.
 Inter-Ocean Radio Corporation.
 Jones Radio Manufacturing Co.
 Liberty Radio Chain Stores.
 Mackay Co., Common.
 Mackay Co., Preferred.
 Magnavox Manufacturing Co.</p> | <p>Marconi of America.
 Marconi of Argentine.
 Marconi of Canada.
 Marconi of England, Common.
 Marconi of England, Preferred.
 Marconi of Poland.
 Marconi of Spain.
 Marconi International Marine Communication
 Mount States Telephone & Telegraph.
 Music Master Corporation.
 New England Telephone & Telegraph.
 New York Telephone, 6 1/2 % Preferred.
 Ohio Bell Telephone, Preferred.
 Pacific Telephone & Telegraph, Common.
 Pacific Telephone & Telegraph, Preferred.
 Radio Corporation, Class "A," Common.
 Radio Corporation, Class "A," Preferred.
 Radio Corporation, Common (Old).
 Radio Corporation, Preferred (Par \$5).
 Rova Radio Corporation.
 Sleeper Radio Corporation.
 Thermodyne Radio Corporation.
 Thompson Radio Corporation.
 Tower Manufacturing Co.
 Ware Radio Corporation.
 Western Electric, Preferred.
 Western Union Telegraph Co.
 Westinghouse Electric & Manufacturing Co.
 Marconi (American), Stamped Stock.</p> |
|--|--|

Established 1889

Incorporated 1904

P. C. KULLMAN & CO.

THE WIRELESS BROKERAGE HOUSE

Lately for Four Years at
 35-37 Nassau Street.

**THE BROKERAGE HOUSE
 THAT GIVES YOU
 SERVICE.**

For more than Fifteen Years
 at 68 Wall Street.

**NOW AT
 110-116 NASSAU
 STREET
 NEW YORK**



The Old Established
 Brokerage House
 (Incorporated 1904)

Telephones—Beekman
 8035 8036
 8037 8982

Radio Address 'KULLMANCO'

Cable Address 'KULLMANCO'

Telegraph Codes Used
 Marconi Western Union
 Bedford McNeil

WIRELESS TELEGRAPH STOCKS A SPECIALTY

If it is a WIRELESS TELEGRAPH or RADIO TELEPHONE stock, and if it is on the market, we have it. We buy it. We sell it. We trade in it, and we can tell you ALL about it.

Correspondence Solicited

SUPER BOOSTER

- SUPERADIO**—William A. Welty & Co., 36 So. State St., Chicago, Ills.—Amplifier units, detector units, loud speakers, radio frequency units.
- SUPER BOOSTER**—Super Booster Dist. Co., 2521 W. 7th St. Los Angeles, Calif.—
- SUPER-DUTHO**—Durkee-Thomas Products Co., 1228 Folsom St., San Francisco, Calif.—Batteries, "B" storage.
- SUPER DUCON** — Dubilier Condenser & Radio Corp., 4347 Bronx Blvd., New York City.—Current supply.
- SUPERDYNE** — The C. D. Tuska Co., Hartford, Conn. — Receiving sets.
- SUPEREFLEX** — Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills.—Receiving sets, hook ups.
- SUPER-EQUIDYNE**—Doron Bros. Electric Co., Hamilton, Ohio—Receiving sets.
- SUPERFINE**—Prezel Radio Mfg. Co., 714 Monroe St., Toledo, Ohio.—Receiving sets.
- SUPER FINE PARTS**—All American Radio Corp., 2650 Coyne St., Chicago, Ills.—Kits.
- SUPER FIRE**—Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills.—Receiving sets.
- SUPERFLUX**—Everett Radio Co., 5207 Dorchester Ave., Chicago, Ills.—Soldering flux.
- SUPER-HET**—Superhet Radio Co., 6229 Broadway, Chicago, Ill.—Tubes.
- SUPER HILCO DYNE**—A. E. Hill Mfg. Co., Atlanta, Ga. — Superheterodyne kit.
- SUPER-INSULATED** — Super-Insulated Wire Co., Plymouth, Mass.—Wires, insulations.
- SUPERIOR** — Deem Radio Prod. Corp., 177 Greenwich St., New York City.—Receiving sets.
- SUPERIOR**—Superior Coil Co., Harwich Port, Mass.—Inductances.
- SUPERIORFLEX** — Electrical Research & Mfg. Co., Waterloo, Iowa.—Radio receivers.
- SUPER LO-LOSS**—Superior Instrument Co., Inc., 118 Walker St., New York City—Variable condensers.
- SUPER LOOP** — National Radio Corp., 322 N. Howard St., Baltimore, Md.—Radio tables.
- SUPERIOR MATCHED TONE**—C. Brandes, Inc., New York City.—Headsets.

SWITCHES

- SUPER-MULTIFORMER** — Precise Mfg. Corp., Rochester, N. Y.—Superheterodyne parts.
- SUPER NIGHT HAWK**—Morton & Borkes Radio Co., Stockton, Calif.—Receiving sets.
- SUPER - PLIODYNE** — Golden-Leutz, Inc., 476 Broadway, New York City—Receiving sets.
- SUPER-REFLEX**—The Sypher Mfg. Co., Inc., 1524 Fernwood Ave., Toledo, Ohio.—Kits, receiving sets.
- SUPER SELECTOR** — Langbein-Kaufman, 511 Chapel St., New Haven, Conn.—Receiving set kit.
- SUPERSPEAKER**—Jewett Radio & Phonograph Co., Pontiac, Mich.—Loud speakers.
- SUPERSPEAKER ADAPTO** — Jewett Radio & Phonograph Co., Pontiac, Mich.—Loud Speakers (Cabinet type), cabinets, loud speakers.
- SUPERTRAN** — Ford Mica Co., 33 E. 8th St., New York City. — Transformers.
- SUPERTRON** — Supertron Mfg. Co., Hoboken, N. J.—Vacuum tubes.
- SUPER-UNIDYNE** -- United Mfg. & Dist. Co., 9705 Cottage Grove St., Chicago, Ills.—Receiving sets.
- SUPPORTENA** — J. Nazeley Co., 571 Hudson St., New York City—Folding loops.
- SUPREME**—Hunt-Lasher Co., Inc., 202 Harrison Ave., Boston, Mass.—Torches.
- SURETITE SOLDERLESS**—Heinemann Elec. Co., 1730 North 5th St., Philadelphia, Pa. — Ground clamps.
- SWEDISH-AMERICAN**— American Electric Co., 64 State St., Chicago, Ills.—Headsets.
- SWITCHES**
(aerial, ground, filament, etc.)
- Adams Radio Mfg. Company, 716 W. Madison St., Chicago, Ills.
- ADAMS JUNIOR SWITCH.** Button Type Switch.
- Aerovox Wireless Corp., 480 Broome St., New York City. Parallel-Series. **AEROVOX.** 25c.
- Allen-Bradley Company, Milwaukee, Wisc. Battery. **BRADLEY SWITCH.** **PERFECT BATTERY SWITCH.** 60c.
- The American Specialty Company, 115 Holland Avenue, Bridgeport, Conn. Inductance. **REGAL** No. 164, \$1.50; No. 168, \$1.50.
- The Barkeley Electric Mfg. Company, Middletown, Ohio. **BAR-KELEW** No. 600, ground 60-ampere size. No 601, 100-ampere size.

SWITCHES (Continued)

Bronx Radio Equipment Company, 687 Courtlandt Ave., New York City. Inductance. BRECO. 30c.

Bruno Radio Corp., 222 Fulton St., New York City. Inductance. BRUNO. 14 POINT. 75c.

Carter Radio Company, 300 South Racine Ave., Chicago, Ills. Inductance. CARTER INDUCTANCE \$1.60; No. 109, \$1.35; CARTER IMP Pilot Switch, \$1.50 CARTER DIALITE and Switch, \$1.75. CARTER IMP Lock Switch, 75c., CARTER IMP Battery Switch, 65c. CARTER JACK SWITCHES (4 types), \$1 to \$1.60.

Central Radio Laboratories, 303 16th St., Milwaukee, Wisc. Battery Switch 'CENTRALAB' No. 300, 50c.

Chicago Electric Mfg. Company, 2801 South Halsted St., Chicago, Ills. Pull and Push for Panel mounting.

Consolidated Instrument Company of America, Inc., 41 East 42nd St., New York City. CICO. No. 33, "A" Battery Switch, \$1.

Martin Copeland Company, 101 Sabin St., Providence, R. I. MARCO. Knife; inductance; battery series parallel.

DX Instrument Company, Union Trust Bldg., Harrisburg, Penna. FIL-KO-SWITCH. Panel Battery Switch.

E. Edelmann & Company, 2332 Logan Blvd., Chicago, Ills. JUMBO. Push-Pull, 40c.

Electrical City Novelty Mfg. Company, 126 Odell St., Schenectady, N. Y. RADJO. Anticapacity, 65c. to \$1.25.

Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills. ERLA. List price, 50c. Battery locking.

Essex Mfg. Company, Newark, N. J. CAM ARKAY Control Switch, \$3.50.

Fahnestock Electric Company, East Ave. and Eighth St., Long Island City, N. Y. Ignition. FAHNESTOCK. No. 5, 25c.; No. 6, double point, 35c.

Chas. Fischer Spring Company, 240 Kent Ave., Brooklyn, N. Y. Battery.

Forest City Rubber Company, 1276 Ontario St., Cleveland, Ohio. FOREST CITY. Filliment.

Forman & Company, 366 Greenwich St., New York City. UN-X-LD. 11 tap, round, 1 hole mounting inductance with 2-inch dial, 40c.

Herbert H. Frost, Inc., 314 W. Superior St., Chicago, Ills. FROST

SWITCHES

RADIO. No. 620, potentiometer, 50c.; No. 621, series parallel, 50c.; No. 608, Push-Pull Battery, 30c.; No. 622, Black Bakelite Toggle, 50c.; No. 623, Maroon Bakelite Toggle, 50c.

General Instrument Corp., 423 Broome St., New York City. Filament.

General Radio Company, 30 State St., Cambridge, Mass. Type 139A, Multiple leaf switch, $1\frac{3}{8}$ inch radius, 95c.; Type 171-F, single leaf switch, $\frac{7}{8}$ inch radius, 40c.

Globe Phone Manufacturing Company, Reading, Mass. Single and double throw. GLOBE. 80c.

The Goyer Company, Willimantic, Conn. WINDHAM. Inductance.

L. F. Grammes & Sons, Inc., Jordan and Union Sts., Allentown, Penna. Panel. GRAMMES.

W. B. Haller, 2100 Sarah St., S. S., Pittsburgh, Penna. HALLERIO. Charger. For use between battery and set, \$20.

Harris & Birdseye, Inc., 25 Church St., New York City. HARCO.

The Hart & Hegeman Mfg. Company, 342 Capitol Avenue, Hartford, Conn. H. & H. Tumbler push and pull types.

Heinemann Electric Company, 1730 North 5th St., Philadelphia, Penna. SENSORY. Battery charging. No. 3055, 20c.; No. 3056, 35c.; No. 3057, 32c.; No. 3058, 50c.; No. 3094, Molded Panel Mounting Type, 75c. D.P.D.T.

Howard Radio Company, Inc., 451-469 E. Olive St., Chicago, Ill. HOWARD. Inductance. Small or large knob.

U. T. Hungerford Brass & Copper Company, 80 Lafayette St., New York City.

Jefferson Electric Mfg. Company, 501 South Green St., Chicago, Ills. Battery JEFFERSON. Steel base, single throw, plain handle, 25c.; insulated handle, 30c.; double throw, plain, 35c.; double throw, insulated, 40c.

Jos. W. Jones Radio Manufacturing Company, 40 West 25th Street, New York City. JOS. W. JONES. Anti-capacity Detector amplifier, \$1.25; Single pole double throw, \$1; battery, 80c.; double throw, double pole, \$1.30; inductance, 8 point, \$1.50; parallel series, \$1.15.

Kellogg Switchboard & Supply Company, 1066 West Adams St., Chicago, Ills. Inductance, 75c. Battery for "A" or "B" Batteries, 50c.

SWITCHES (Continued)

- King Quality Products, Inc., Buffalo, N. Y. **KING QUALITY**. 14 point with dials, \$2.25; with pointer, \$2; plain, \$1.75. Combination Battery and Rheostat. With dial, \$1.75; without dial, \$1.50.
- Lee Electric & Mfg. Company, 220-222 Eighth St., San Francisco, Calif. **LEMCO**. SW1101, 40c.; SW1102, 50c.; SW1103, 60c.; SW1104, 70c.
- Magnus Electric and Radio Mfg. Corp., 785 East 138th St., New York City. **MAGNUS**. Battery. 40c. list.
- Metro Electric Manufacturing Company, Inc., 121 Prince St., New York City. **METRO**. M. (In Diamond.) Battery Panel Type, Safety Switch, Push Pull. **KEE-LOK**, key. Pilot light.
- Millimeter Machine Works, Inc., 542 West 22d St., New York City. Jack, panel, push-pull, battery charging, lock.
- Frank W. Morse Company, 289 Congress St., Boston, Mass. Knife. 50c., 55c., 60c.
- Mydar Radio Company, 9 Campbell St., Newark, N. J. Inductance. **FIXTPOST**. Types S-1, 50c.; S-2, 75c.
- Parkin Manufacturing Company, San Rafael, Calif. **PARKIN**. **PEAK OF PERFECTION**. Lever Type. Nos. 179 and 156.
- Philmore Manufacturing Company, 105 Chambers St., New York City. Inductance. **AJAX PRODUCTS**.
- Preferred Radio Prod. Corp., 408 E. 93d St., New York City. sole. \$40.00.
- Premier Electric Company, Grace and Ravenswood Ave., Chicago, Ills. Single and Double Throw. **"JIFFY"** Battery switches.
- The Saturn Manufacturing & Sales Company, Inc., 48 Beekman St., New York City. **SATURN PERFECT** Battery and Filament Control.
- The Sharp Spark Plug Company Wellington, Ohio. **SHARP**. Battery.
- Tillman Products Company, 187 W. 9th St., Brooklyn, N. Y. Parallel-Series. **TILLMAN**.
- Trumbull Electric Mfg. Company, Plainville, Conn. **"CIRCLE T."**
- United Radio Manufacturing Company, 191 Greenwich St., New York City. **VICTORY**. Inductance.
- Walnart Electric Manufacturing Company, 308 S. Green St., Chicago, Ills. Inductance. **WALNART**. \$1.
- Waterbury Button Company, Waterbury, Conn. Unassembled. Large. Small.

SWITCH PARTS

- "X" Labs., 25 West 45th St., New York City. **X-X LABS**. Remote control relay, \$10; for use on loud speaker.
- Yaxley Mfg. Company, 217 N. Desplaines St., Chicago, Ills. **YAXLEY**. Jack Switches, Midget Battery Switches, Pilot light switches, voltmeter switches.
- SWITCH PARTS**
- Aerovox Wireless Corp., 489 Broome St., New York City. **AEROVOX**. Switch Points and Nuts.
- Ajax Electric Specialty Company, 1011 Market St., St. Louis, Mo. **AJAX**. Stop points, Switch Levers, 20c.; Switch Points.
- Amsco Products, Inc., Fairbanks Bldg., Lafayette and Broome Sts., New York City. **AMSCO**. Also levers.
- Auburn Button Works, Inc., Auburn, N. Y. Switch Bases.
- A. & F. Electrical Manufacturing Company, 4213 North Ave., Chicago, Ills. Switch Stops, Switch Levers, Switch Points.
- Blake & Johnson Company, Waterbury, Conn. Switch Stops.
- Bruno Radio Corp., 222 Fulton St., New York City. Switch Points and Nuts, \$3.40 to \$4 per M.
- The H. H. Eby Mfg. Company, Philadelphia, Penna. **EBY**.
- Forest City Rubber Company, 1276 Ontario St., Cleveland, Ohio. **FOREST CITY**.
- Forman & Company, 366 Greenwich St., New York City. **FORMAN & CO**. Switch Points and stops, \$4.50 per M.; Switch Levers, 8c.
- General Radio Company, Cambridge, Mass. **GENERAL RADIO CO**. Switch Stops, Type 138Q with nut. 3c.
- The Goyer Company, Willimantic, Conn. **WINDHAM**. Switch Arms.
- L. F. Grammes & Sons, Inc., Jordan and Union Sts., Allentown, Penna. **GRAMMES**. Switch Points and Stops, Switch Levers, Terminals.
- The Hart & Hegeman Mfg. Company, 342 Capitol Avenue, Hartford, Conn. Switch Levers.
- Howard Radio Company, 451-469 East Ohio St., Chicago, Ills. **HOWARD**.
- U. T. Hungerford Brass & Copper Company, 80 Lafayette St., New York City. Switch Stops. **STAR**.
- King Quality Products, Inc., Buffalo, N. Y. Switch levers. **KING QUALITY**. 1 inch and 1¼ inch, 50c.; 1½ inch, 50c.
- Kellogg Switchboard & Supply Company, 1066 West Adams St., Chicago, Ills. Contacts. Points. Stops.

SWITCH PARTS (Continued)

Walter C. Morris, 170 Rossiter Ave., Yonkers, N. Y. Switch Points and Stops.

Frank W. Morse Co., 289 Congress St., Boston, Mass. MORSE EUREKA Switch levers, 25c., 35c., 50c.

The Mydar Radio Company, 9 Campbell St., Newark, N. J. Switch Points and Stops. STOPSIT.

Parker-Aeolus Corp., 161 Grand St., New York City. Switch Levers.

Radio Specialty Company, Inc., 96 Park Place, New York City. RASCO. Switch Points and Nuts. Nos. 301 to 377, 18c. dozen. Switch Levers, No. 728, 6c.

The Seiss Mfg. Company, Phillips Ave. & N. Y. C. Ry., Toledo, Ohio. SEISS. Switch Levers, 30c.

Spee Dee Specialty Company, 271 Canal St., New York City. HERCULES PRODUCTS. Switch Levers. Tapered Knob. Series Parallel. Switch Levers.

TAPE

Tillman Products Company, 187 W. 9th St., Brooklyn, N. Y. Switch Levers.

Waterbury Manufacturing Company, 236 Grand St., Waterbury, Conn. Switch Levers.

SWITCH-O-STAT — Duplex Engine Governor Co., 36 Flatbush Ave., Extension, Brooklyn, N. Y.—Switches.

SYMPHONY — Jones Radio Co., 1066 W. Adams St., Chicago, Ills.—Radio receiving sets.

SYMPHONY REPRODUCER — Kellogg Switchboard & Supply Co., 2066 W. Adams St., Chicago, Ills.—Loud speakers.

SYNCHROPHASE—A. H. Grebe & Co., Inc., 70 Van Wyck Blvd., Richmond Hill, N. Y.—Receiving sets.

SYPHER — Sypher Mfg. Co., 1524 Fernwood Ave., Toledo, Ohio — Transformers, receiving sets, tuners and tuning coils, kits.

T

T (in circle)—Trumbull Elec. Mfg. Co., Plainville, Conn. — Battery switches, ground switches.

TABLE TALKER — C. Brandes, Inc., New York City.—Loud speakers.

TABLES (also see Cabinets)

(tables especially designed for radio sets, in many cases with built in compartments for batteries, charger, etc.)

Berg Auto Truck & Specialty Company, Thompson Ave., Long Island City, N. Y. BERG.

Ferguson Bros. Mfg. Company, 31 E. 17th St., New York City.

John O. Jesse Mfg. Company, Bryan, Ohio. JOJ.

Marwol Radio Corp., 546 Broadway, New York City. MARWOL. Console. \$40.00.

TABLES, RADIO

National Radio Corp., 322 N. Howard St., Baltimore, Md. SUPER LOOP table complete with loop, \$35.00.

The Parker-Young Company, 131 State St., Boston, Mass. PYCO, \$6.00, Radio Furniture in Mahogany or Walnut. Table, \$11.00. Tabinet, \$16.00.

Perkins Phonograph Company, 831 North Wood St., Chicago, Ills. With or without loud speaker.

Puritan Distributors, Inc., 2620 South Park Ave., Chicago, Ills. PURITONE Built-in Loud Speaker and Battery Compartment.

Southern Toy Company, Hickory, N. C. THE IVEYLINE. 30-R, \$18.00; 60-R. \$6.75; 50-R, \$15.00.

Thermiodyne Radio Corp., 1819 Bway., New York City. THERMIODYNE. \$60.00; West of Rockies, \$65.00.

Wasmuth-Goodrich Company, Peru, Ind. PHONORADIO.

Windsor Furniture Company, 1426 Carroll Ave., Chicago, Ills. WINDSOR.

TABLES, CONSOLE

Radio Cabinet Company, 1772 Frankford Ave., Philadelphia, Penna. RADIO CABINET CO.

TABLES, KNOCKDOWN

Radio Cabinet Company, 1772, Frankford Ave., Philadelphia, Penna. RADIO CABINET CO.

Partridge Factories Associates Inc., 665 E. 17th St., Brooklyn, N. Y. PARTRIDGE. Radio Tables.

TAPE, INSULATING

Canfield Rubber Company, Bridgeport, Conn. "IMPERVO." Friction tape.

Chicago Mica Company, Valparaiso, Ind. MICA. Micabond.

TAPE

Clifton Mfg. Company, 65 Brookside Ave., Boston, Mass. **CLIFTON.** "STIXWELL."

Greenfield Tap & Die Corp., Sanderson St., Greenfield, Mass. **G.T. D.**

Respro, Inc., Auburn, Providence, R. I. — **RADIO TAPE.** (Prices according to widths).

United States Rubber Company, 1790 Broadway, New York City. **U S R.**

TALKING TAPE — Hope Webbing Co., Providence, R. I. — Aerial tape.

TANNER — C. D. Tanner Co., 528 W. Washington St., Los Angeles, Calif.—Crystal stands, adjustable crystal detectors.

T. B. H. — T. B. H. Radio Co., Dansville, N. Y.—Headsets.

TEKTOR—Harco Products Co., 25 Church St., New York City — Receiving sets.

TECTRON — Tectron Radio Co., 1270 Broadway, New York City — Vacuum tubes.

TELAMEGAPHONE — Magnavox Co., 2725 E. 14th St., Oakland, Calif.—Adapters, phonograph.

TELEMOTIVE—Telemotive Radio Corp., 552-4 Seventh Ave., New York City.—Sets receiving.

TELENDURON — Telenduron Co., Butler Ave., Ambler, Pa.—Molded insulators.

TELMACO — Telephone Maintenance Co., 20 South Wells St., Chicago, Ills.—Receiving sets, dial bushings. kits.

TELERADIO — Teleradio Engineering Corp., 490 Broome St., New York City.—Rheostats, vernier condensers, variable condensers, lightning arresters. coils, sockets.

TELETONE—Teletone Company of America, 449 W. 42nd St., New York City — Receiving sets, loud speakers.

TELEVOCAL — Televocal Corp., 67A 5th Ave., New York City — Vacuum tubes.

TELOHM—Danziger-Jones, Inc., 25 Waverly Place, New York City—Fixed resistances.

TELL TALE—Ala Mfg. Co., 401 S. Sangamon St., Chicago, Ills.—Battery testers.

TELOKON — Danziger-Jones, Inc., 25 Waverly Place, New York City —Condensers, fixed, tuned radio frequency kits.

TELOMEG — Danziger - Jones Inc., 25 Waverly Place, New York City — Fixed resistances.

TERLEE

TELOMONIC — Danziger - Jones, Inc., 25 Waverly Place, New York City — Receiving sets and kits.

TELOS—Danziger-Jones, Inc., 25 Waverly Place, New York City.

TELOS & TELOS—Danziger-James, Inc., 25 Waverly Place, New York City. — Condensers, variables, transformers.

TERMINALS

American Braiding Company, Holyoke, Mass. **A. B. CO.**

Amsco Products, Inc., Broome & Lafayette Sts., New York City. **AMSCO.**

Belden Mfg. Company, 23rd St., and Western Ave., Chicago., Ills. **BELDEN.** Assortments. Wire.

Economy Screw Company, Ravenswood & Farragut Aves., Chicago, Ills. **ECONOMY.** Assortment List 50c. Economy Tinned Soldering Terminals Box of 50—List 25c. Economy Adjustable Fly-Cutter List \$1.00. Iron & Brass Machine Screws.

Grier-Sutherland Company, 433 East Larned St., Detroit. Mich.

The Hart & Hegeman Mfg. Company 342 Capitol Ave., Hartford, Conn. **H. & H.**

Frank W. Morse Company, 289 Congress St., Boston, Mass. **Battery.** 20 sizes.

Patton-MacGuyer Company, Baker St., and Virginia Ave., Providence, R. I. Wire. Assortment of terminals, \$7.50.

Philmore Mfg. Company, 105 Chambers St., New York City. **AJAX.**

Joseph Pollak Tool & Stamping Company, 85 Freeport St., Boston, Mass. **UNIVERSAL.**

H. B. Sherman Mfg. Company, Battle Creek, Mich. **SHERMAN.**

Toaz Engineering & Sales Company, 11703 Robertson Ave., Cleveland, Ohio.

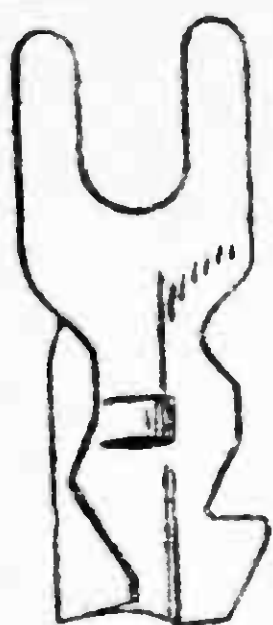
Triple-A-Specialty Company, 628 West Jackson Blvd., Chicago, Ills. **Battery**

Waterbury Button Company, Waterbury, Conn. **Copper and Brass.**

F. R. Zierick Machine Works, 207 Canal St., New York City. **ZIERICK.** Battery.

TERLEE — Terlee Electric and Mfg. Co., 443 South Dearborn St., Chicago, Ills. — Variocouplers, hookups, receiving sets.

TERLEE ACME REFLEX—Terlee Electric & Mfg. Co., 443 S. Dearborn St., Chicago, Ills.—Receiving sets.



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TESCO

TESCO — The Eastern Specialty Co., Philadelphia, Pa.—Crystal sets.

TESTING APPARATUS

Beede Electric Instrument Company, 98 Park Pl., New York City. **BEED METER PANELTEST, JR.** No. 302. For reading "A" and "B" Batteries on panel of receiving set. \$3.00.

The Airex Company, 797 Greenwich St., New York City. **AIREX.**

J. B. Ferguson, Inc., 41 E. 42nd St., New York City. **FERGUSON COMPARATOR.** For comparing different receiving sets under the same conditions without loss of time in changing accessories. May also be used to demonstrate qualities and compare results of two different loud speakers.

R. M. Peffer, 334 Chestnut St., Harrisburg, Pa. **PEFFER TESTER.** Transformers, coils, phones, fixed condensers, \$44.00, net.

Scranton Glass Instrument Company, Scranton, Penna. **KORRECTION.** Battery Thermometers.

Weston Electrical Inst. Company, 178 Weston Ave., Newark, New Jersey. **WESTON. MULTIPLIERS.** A. 100, \$5.00; B, 500, \$9.00; C, 1,000, \$16.50; C, 1,500, \$22.00; C, 2,000, \$28.00.

TESTERS, BATTERY (see Hydrometers)

TESTRITE — Testrite Instrument Co., 101 Fifth Ave., New York City — Hydrometers, hydrometer syringes, battery fillers, hydrometer jars.

TETRAMET—Lamp Wire & Prod. Co. Inc., 18 Central Ave., W. Orange, N. J.—Wire.

THE LILLIE—J. P. Lillie Co., 409 Merchants Exchange Bldg., St. Louis, Mo.—Aerials.

THERMATRON—Emco Radio Co., 975 Springfield Ave., Newark, N. J.

THERMIODYNE — Thermiodyne Radio Corp., Plattsburgh, New York — Receiving sets.

THE TWITCHELL PRE-AMPLIFIER—S. A. Twitchell, 1925 Western Ave., Minneapolis, Minn.—Amplifiers.

THERMO-GALVANOMETERS

Cambridge and Paul Instrument Company of America, Inc., 3512 Grand Central Terminal, New York City. **CAMBRIDGE. DUDELL.** Prices vary with range desired.

Weston Electrical Instrument Company, 178 Weston Ave., Newark, N. J. **WESTON.** Model 425, Thermo-

TINCHER

Galvanometer or current squared metre, 4.5 ohms., \$18.50.

THOMA — J. H. Thoma Radio Co., 1435 Beaver Ave., Pittsburgh, Pa.—Crystals, unmounted.

R. E. THOMPSON—R. E. Thompson Mfg. Co., 30 Church St., New York City—Loud speakers.

THOMPSON — R. E. Thompson Mfg. Co., 66 York St., Jersey City, N. J. — Loud speakers, receiving sets, high power apparatus.

THOR—Independent Pneumatic Tool Co., 600 W Jackson Blvd., Chicago, Ills.—Electric portable drills, electric portable screw drivers.

THOR — Thornton & Everest, 1216 South Olive St., Los Angeles, Calif.—"A" storage batteries, rectifiers.

THORALLY—Lamp & Wire Prod. Co., Inc., 18 Central Ave., W. Orange, N. J.—Thoriated filament wire.

THORDARSON — Thordarson Elec. Mfg. Co., 500 West Huron St., Chicago, Ills.—Condensers, transformers, chokes.

THOROBRED—The Marshall Gerken Co., 27-9 Ontario St., Toledo, Ohio.

THOROLA — Reichman Co., 1725 W. 74th St., Chicago, Ills. — Loud speakers, receiving sets, transformers, condensers, parts, doughnut coils.

THOROLA ISLODYNE — Reichman Co., 1725 W. 74th St., Chicago, Ills.—Receiving sets.

THOROPHONE (design)—Reichman Co., 1725 W. 74th St., Chicago, Ills.—Moulded horns, loud speakers, receiving sets, parts, transformers, condensers, etc.

THORYALL—Henry M. Shaw, 150 Coit St., Newark, N. J.—Wire.

3 Y Q (design) — Federal Radio Sales, Inc., 1003 Broadway, Camden, N. J.—Transformers.

THURMAN — Radio Requirements Co., 70 N. 2nd St., Philadelphia, Pa.—Couplers.

THURMAN VARIO — Radio Requirements Co., 20 No. Second St., Philadelphia, Pa.—Tuners.

TILLMAN — Tillman Products Co., 473 Hudson Ave., Brooklyn, New York—Rheostats.

TIMBRETONE — Timbretone Mfg. Co., Hoosick Falls, N. Y.—Loud speakers.

TIMMONS TALKERS — J. S. Timmons, 339 E. Tulpehocken St., Germantown, Pa.—Loud speakers.

TIMSON — Terrace Radio Mfg. Co., Yonkers, N. Y.—Receiving sets.

TINCHER—Tincher Radio Corp., Oklahoma City, Okla.—Receiving sets.

TINFOIL

The Johnson Tin Foil and Metal Company, 6106 South Broadway, St. Louis, Mo. Foil, tin and lead.

TINKER BOX — Weber Electric Works, Brooklyn Station, Cleveland, Ohio — Assortments.

TINOL — American Solder & Flux Co., 16th St. below Indiana Ave., Philadelphia, Pa.—Solder paste, sal ammoniac.

TINY TURN — Radio Units, Inc., Maywood, Ills.—Vernier controls.

T. N. T.—T. N. T. Radio Products Co., 1344 Fillmore St., San Francisco, Calif. — Crystal detectors, mounted crystals.

TINOL—American Solder & Flux Co., 2910 N. 16th St., Philadelphia, Pa.

TIMMONS—Timmons Radio Prod. Corp., Philadelphia, Pa.—Loud speakers.

TIPS, CORD

The Barkelew Electric Mfg. Company, Middletown, Ohio. No. 623. Standard Cord Tips, with Solder Inserted.

Belden Mfg. Company, 23rd St. and Western Ave., Chicago, Ills.

Philmore Mfg. Company, 105 Chambers St., New York City. AJAX. Phone.

TIP-TOP—Tip Top Crystal Co., 216 Market St., Newark, N. J.—Crystals.

TITAN-O-TONE—T. F. Radiophone Co., Inc., 671 Coney Island Ave., Brooklyn, N. Y.

TOBE — Tobe C. Deutschmann, 46 Cornhill St., Boston, Mass. — Measuring instruments.

TODD—Todd Electric Co., 109 W. 23d St., New York City—Batteries, B Storage.

TONAPHONE—Square Deal Radio & Elec. Co., Fenton, Mich.—Sets receiving.

TONATROL — Malone - Lemmon Laboratories, 342 Madison Ave., New York City—Potentiometers.

TONE-A-DYNE — Resas, Inc., 112 Chambers St., New York City—Receiving sets.

TONE MASTER — The Evolution Phone Co., Inc., 221 E. 124th St., New York City — Loud speakers, loud speaking units.

TONE TESTED — Adbrin Laboratory, 469 Broad St., Newark, N. J. —Crystals.

TOOLS**TOOLS**

(for sale at retail to experimenters, set builders, etc.)

North Bros. Mfg. Company, Philadelphia, Penna. **YANKEE**. (Sets).

Union Tool Chest Company, Inc., 19 Hand St., Rochester, N. Y. **UNION**. Radio Tool Kits.

TOOLS, ELECTRIC

Black and Decker Manufacturing Company, Towson Heights, Baltimore, Md. Drills. Portable ¼ inch to 1¼ inches. Drill stands, screw drivers, socket wrenches, bench grinders, topers.

Buffalo Forge Company, Buffalo, N. Y. Electric Drills, Bench Type, forges; punches; shears; bar-cutters.

Electro Magnetic Tool Company, 1834 South 52nd St., Cicero, Ills. **SPEEDWAY** Electric Drills, Hammers and Grinders.

The High Speed Hammer Company, Rochester, N. Y. Electric Drills and Tools. Riveting Hammers—Hammer Speed Riveting.

Independent Pneumatic Tool Company, 600 W. Jackson Blvd., Chicago, Ills. **THOR**. Electric Portable. Screwdrivers.

Simmons Machine Tool Corp., Albany, N. Y. All types.

United States Electrical Tool Company, 2488 6th St., Cincinnati, Ohio. Electric Drills. 40 Sizes, \$28.00 to \$250.00.

The Van Dorn Electric Tool Company, 3,000 Woodhill Rd., Cleveland, Ohio. **VAN DORN**. Electric Drills. \$30.00 to \$134.00.

TOOLS, HAND

Adams Radio Manufacturing Company, 716 West Madison St., Chicago, Ills. Jacks, Wrenches.

Adroit Tool Company, 14 Front St., New York City.

Atec Products Company, 536 West Elm St., Chicago, Ills. **ATEC**. Coil winder, \$3.00; **ATEC** Bezel Hole Cutter, 60 cents; **ATEC** Mounting Gauge, 25 cents.

E. C. Atkins & Company, 402 S. Illinois St., Indianapolis, Ind. **AAA**. Band Saws; Screw Slotting Saws; **NON-BREAKABLE** Hack Saw Blades; Hack Saw Frames.

Ballston Insulating and Composition Company, Ballston Spa, New York.—Insulated handle, 2 inch, 3 inch, and 4 inch blades, screw drivers.

TOOLS (Continued)

- Billings & Spencer Company, Laurel & Park St., Hartford, Conn. **BILLINGS**. Adjustable, socket and angle B wrenches; combination pliers; wire cutters; all-steel offset screw drivers.
- Buffalo Forge Company, Buffalo, N. Y. Bench and floor drills.
- Caufman & Clough Company, Wilmington, Del. **REACHIT** Wrenches.
- Chelsea File Works, Sherman St., Norwich, Conn. **CHELSEA**. Special file for hard rubber, composition and radio work.
- James Clark Jr. Company, 520 W. Main St., Louisville, Ky. **CLARK**. Drills.
- Coburn Tool Company, 739 Boylston St., Boston, Mass. **COBURN**. Screw driver, \$1.00.
- Columbia Hdwe. Company, 5113 Hamilton Ave., Cleveland, Ohio. **COLUMBIAN**.
- Columbia Metal Products Company, 210 Canal St., New York City.
- Consolidated Tool Works, 296 Broadway, New York City. **PILOT**. Hack saw frames, braces and bits, hand breast drills.
- Davenport Hickory Corp., 327 S. La Salle St., Chicago, Ills. Drills, semi high speed steel, for bakelite and all metals.
- E. Edelmann & Company, 2332 Logan Blvd., Chicago, Ills. **SEXTET**. Set of six wrenches for adjusting bolts and nuts of different sizes. 60c. **FOUR IN ONE SCREW DRIVER**. List price, 75c.
- Erie Tool Works, 11th & French Sts, Erie, Penna. **ERIE**.
- Goodell Pratt Company, Wells St., Greenfield, Mass. **GOODELL-PRATT CO.** Socket wrenches. **GOOD-PRATT**. Hand drills; breast drills; bench drills; hack saw frames.
- Greenfield Tap & Die Corp., Sanderson St., Greenfield, Mass. **G. T.D.** Twist Drills; reamers.
- Harry W. Hahn Mfg. Company, 627 S. San Pedro St., Los Angeles, Calif. **ACCURACY FIRST**.

TOOLS

- Hayes File Company, 1986 Franklin St., Detroit, Mich. **HAYES**. Files; rasps.
- Hollands Mfg. Company, 348 East 18th St., Erie, Penna. **HOLLAND'S MFG. CO.** 348. **HOLLANDS**.
- Independent Pneumatic Tool Company, 600 W. Jackson Blvd., Chicago, Ills. **THOR**. Drills.
- Instant Electric Water Heater Co. Inc., 304 East Washington Ave., Bridgeport, Conn.
- W. A. Ives Mfg. Company, Cherry St., Wallingford, Conn. **MEP-HISTO**. Screwdrivers, pliers.
- Kilborn & Bishop Company, 196 Chapel St., New Haven, Conn. **K. & B. Vises**.
- Lowell Wrench Company, 54 Commercial St., Worcester, Mass. **LOWELL**. Pin vises.
- Millers Falls Company, Millers Falls, Mass. **MILLERS**. Hand and Bal-ast Saw Frames; hack saw frames.
- Millers Falls Company, Millers Falls Mass. **RADIO RACHET**. Screw driver; Radio Hand Drills; Radio Wrenches, etc.
- Morse Twist Drill and Machine Company, New Bedford, Mass. **MORSE**. No. 40 set, straight shank hand drills 1-16 to 3-16 inch; No. 728, adjustable reamer, etc., wire adjustable caliper Morse taper, plug and ring, twist drill.
- North Bros. Mfg. Company, Philadelphia, Penna. **YANKEE**. Drills. Ratchet screw drivers, bench vises.
- The Perry Fay Company, Elyria, Ohio. **SET-O-SIX**. Socket wrenches.
- The Peck, Stow & Wilcox Company, Southington, Conn. **PEXTO**. Pliers. Screw drivers; socket wrenches.
- Pratt & Whitney Company, Hartford, Conn. **PRATT**. Twist drills.
- The Radiogem Corp., 66 West Broadway, New York City. **RAG-EMCO**. Screw drivers.

TOOLS (Continued)

Radio Specialty Company, Inc., 25 West Broadway, New York City. RASCO. 15 in 1 Radio Tool. 35c.

Ready Tool Company, 550 Iranistan Ave., Bridgeport, Conn. OO. Lathe tools; cutting off tools; boring bars; lathe; milling Machine & grinder dogs; lathe and grinder centers.

H. D. Smith & Company, Plantsville, Conn. SIX-SIXTY. Screw drivers.

The Stanley Works, New Britain, Conn. Pliers; drills, screw drivers; hammers. Hand drills.

The L. S. Starrett Company, 165 Crescent St., Athol, Mass. STARRETT. Hack Saw Frames; vises, screw drivers.

E. C. Stearns & Company, Inc., Syracuse, N. Y. STEARNS. No. 21. Vises. No. 22 vises.

Sattler Tool Company, 186 Jerusalem St., Brooklyn, N. Y. SATTLER. Socket Wrenches.

Thomson Drop Forge Company, West Main St., Plantsville, Conn. THOMSON. Screw drivers.

Union Hardware Company, 535 Migeon Ave., Torrington, Conn. UNION. Hack Saw frames.

Waterbury Button Company, Waterbury, Conn. Screw driver, Insulated handle.

Whitman & Barnes Mfg. Company, Akron, Ohio. Twist Drills. Reamers, etc.

TRADE MARK ATTORNEY

Chauncey P. Carter, 4907 Potomac Ave., N.W., Washington, D. C.

Z. H. Polachek, 70 Wall St., New York City.

TOOLS, FACTORY

McConnell Cable & Specialty Company, 425 South Clinton St., Chicago, Ills. MODERN. \$6.00 \$25.00 Wire skinners.

Able Tool & Engineering Company, West Elm St., Chicago, Ills. ATEC. Bezel hole cutter.

Buffalo Forge Company, Buffalo, N. Y. Forges.

United States Electrical Tool Company, 2488 West 6th St., Cincinnati, Ohio. Grinders; Polishers; Buffers; Fifty sizes, \$34.50 to \$1,200.

Wilkins Electric Mfg. Corp., 52 Oranwanpum St., White Plains, N. Y. WILKENS. Braided Insulated Wire Assemblers.

TRADE PUBLICATIONS**TORCHES**

Apex Stamping Company, Riverdale, Ills. JIFFY. Blow.

Hunt-Lasher Company, Inc., 202 Harrison Ave., Boston, Mass. SIMPLE, \$3.00; DUPLEX, \$4.00. Alcohol. SELFBLO, \$1.00 to \$1.50; SUPREME, 50c, 75c and \$1.00.

Lenk Mfg. Company, 34 Portland St., Boston, Mass. LENK. Automatic blow torch, alcohol.

Peerblow Mfg. Company, Lettsdale, Penna. Alcohol. DUPLEX. SIMPLEX.

TORODYNE — Ainsworth - Gates Radio Co., 813 Main St., Cincinnati, Ohio.—Receiving sets.

TOROIDAL—Summit Radio Mfg. Co., 481 Broad St., Newark, N. J.—Transformers.

TORRID — Frank E. Wolcott Mfg. Co., Hartford, Conn. — Electric soldering iron.

TORRINGTON — The Torrington Mfg. Co., 70 Franklin St., Torrington, Conn.—Sockets.

TOWER — Tower Mfg. Corp., 98 Brookline Ave., Boston, Mass.— Loud speakers, headsets, phonograph attachments.

TOWERS

(Aerial poles, masts, towers)

J. R. Burrell Company, 714 N. Cambridge Ave., Milwaukee, Wisc. EAGLE.

S. W. Hull & Company, 2048 E. 79th St., Cleveland, O. HULL. HERCULES.

Miliken Brothers Mfg. Company, Inc., 233 Broadway, New York City. MILLIKEN RADIO TOWERS, of galvanized steel self-supporting type.

Whittlesey Engineering Company, Cleveland, Ohio. 50 to 250 ft. high. Self-supporting, steel.

TRADE PUBLICATIONS

(covering the radio industry)

The Radio Dealer, 1133 Broadway, New York City. Published monthly, subscription, \$2.50 per year.

The Phonograph Radio Dealer, 1133 Broadway, New York City.

The International Radio Catalog, 1133 Broadway, New York City.

The Radio Dealer Year Book, 1133 Broadway, New York City. Published annually, \$1.00 per copy.

TOWN CRIER

TOWN CRIER—SPEAKERS—Gale Radio Labs., 2512-14 Irving Park Blvd., Chicago, Ills.—Loud speakers.

TRANADYNE — Koehler Radio Labs., 901 West 1st St., Abilene, Kans.—Receiving sets.

TRANSATLANTIC — Transatlantic Radio Co., New York City.—“B” storage batteries, variable condensers, super heterodyne kits, receiving sets.

TRANS . B - FORMER — Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ills.—“B” Current supply.

TRANSCONTINENTAL Transcontinental Sales Co., 24 Market St., Newark, N. J.

TRANS-CONTINENTAL RIBBON AERIALS—Acorn Radio Mfg. Co., 307 W. Lake St., Chicago, Ills.—Aerials.

TRANSFERS, DECALCOMANIA (see Decalcomanias)

TRANSFORMERS (audio, radio, etc.)

Able Tool & Engineering Company, West Elm St., Chicago, Ills. ATEC.

Acme Apparatus Company 186 Massachusetts Ave, Cambridge, Mass. **ACME** Audio Frequency; A-2, \$3.00; VA-2, \$7.00; Radio Frequency, \$3.00; Modulation A-3S, \$5.00. Continuous Wave Filament Heated; Mounted 300-watt, \$20.00; 150-watt, \$16.00; 75-watt, \$12.00; Unmounted, 300-watt, \$16.00; 150-watt, \$13.00; 75-watt, \$9.00. Continuous Wave Plate Mounted; 500-watt, \$25.00; 250-watt, \$16.00. Continuous Wave Power. Mounted, 60-watt, \$33.00; 300-watt, \$25.00; 200-watt, \$20.00; 75-watt, \$15.00. Unmounted: 600-watt, \$28.00; 300-watt, \$20.00; 200-watt, \$16.00; 75-watt, \$12.00.

All American Radio Corp., 4201 Belmont Ave., Chicago, Ills. **ALL AMERICAN**. Long Wave Radio Frequency, \$6.00; Push-Pull, \$12.00; Audios, Type R-12, ratio 3 to 1, price, \$4.50; Type R-21, ratio 5 to 1, price, \$4.50; Type R-13, ratio 10 to 1, price, \$4.75; Radio Frequency Transformers; Type R-201A, (for use with 201A tube) price, \$5.00; Type R-199 (for use with 201A tube) price \$5.00. Type R-140, Universal Coupler, price \$4.00. Rauland **LYRIC**, Laboratory Grade.

Ambassador Sales Co., 108 Greenwich St., New York City.

TRANSFORMERS

American Apparatus Company, American Bldg., Richmond, Ind. **AM-ACO** audio, ratios 3-1, 5-1, 6065R, \$5.00; radio frequency, J-16, \$2.75; audio, manufacturers' type also.

American Radio and Research Corp., Medford Hillside, Mass. **AMRAD**. (Audio Frequency). **AMPLIFOR-MER**. No. 2620, \$5.00.

American Specialty Company, 115 Holland Ave., Bridgeport, Conn. **REGAL**. Audio Frequency. \$4.50; \$4.75.

American Transformer Company, 178 Emmet St., Newark, N. J. Audio Frequency. **AMERTRAN**. A. F. 6 (5-1) and A. F. 7 (3½-1). \$7.00.

Amplex Instrument Laboratories, 88 West Broadway, New York City. **AMPLEX**. High and low ratios. \$5.00.

Apex Electric Mfg. Company, 1410 W. 59th St., Chicago, Ills. **MICRO-DYNE**, \$5.00. Longwave, \$6.00. Filter Transformers and Audio, \$6.00.

Baldwin-Pacific and Company, Pacific Bldg., San Francisco, Calif. **PACIFIC S-H**. Super-Heterodyne Amplifying, \$6.50. Input or output, \$6.50.

Biltmore Radio Company, Boston 30, Mass. **BILTMORE**.

Brandes Products Corporation, 200 Mt. Pleasant Ave., Newark, N. J. **BRANDES AUDIO TRANSFORMER**, Catalogue No. 500, \$4.00.

Chas. A. Branston, Inc., 815 Main St., Buffalo, N. Y. **BRANSTON**. Short wave, R202, R. F., \$4.50; R94, audio frequency, ratio 4-1, \$3.50; R204, twin audio, \$8.00.

Bremer-Tully Mfg. Company, 532 South St., Chicago, Ills. Radio frequency Air Core. **B-T**, \$2.50; 3-circuit Air Core **B-T**, \$3.50. **NAMELESS**.

Bronx Radio Equipment Company, 687 Courtlandt Ave., New York City. Audio Frequency. **BRECO**. \$5.00.

Brooklyn Metal Stamping Co., 718 Atlantic Ave., Brooklyn, N. Y.

J. H. Bunnell & Company, 32 Park Pl., New York City. **JOVE**.

The Carter Mfg. Company, 1728 Coit Ave., East Cleveland, Ohio. **CARCO**. Air Core, \$5.00. R. F. Transformer, \$5.25.

Chelsea Radio Corp., Chelsea, Mass. **CHELSEA**.

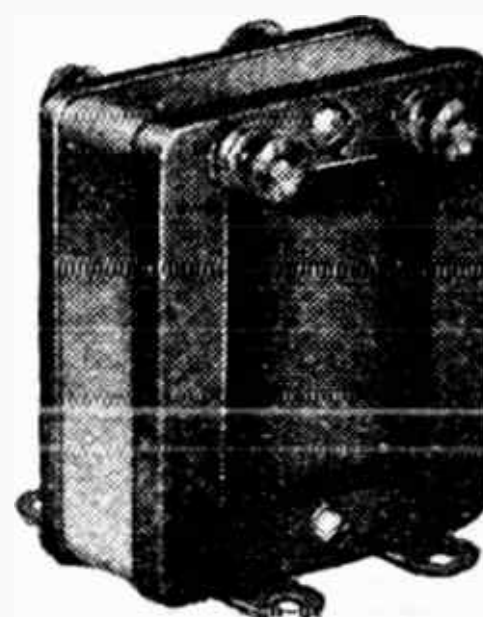
Columbia Radio Corp., 155 Union St., Chicago, Ill. Audio Frequency. Long Wave.



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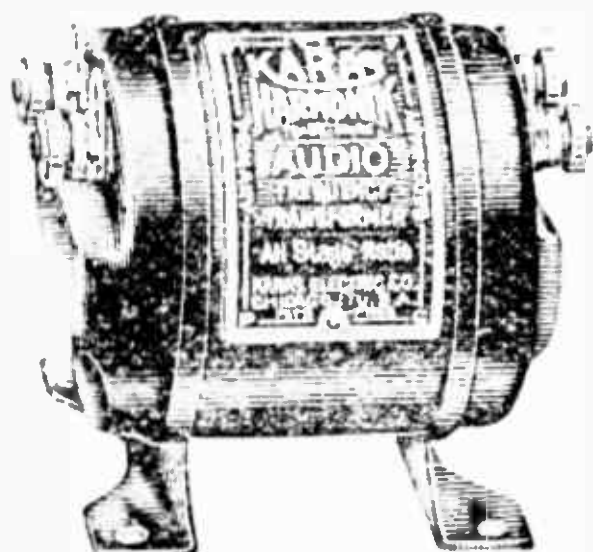


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1133 Broadway,

New York City

TRANSFORMERS (Continued)

Como Apparatus Company, Manchester, N. H. **COMO-DUPLEX**. Push-pull.

Crescent Mfg. Company, Box 337, Central Station, Toledo, O. **CRES. CENT.** Push-Pull. Sets of 2, \$8.50. Audio Frequency, 3-1/2 to 1 and 6 to 1, \$2.95.

Cribben Radio Corp., 961 Montana St., Chicago, Ills.

Brent Daniel, 360 Eastern Ave., Takoma Park, Washington, D. C. Intermediate frequency or super-heterodyne. **DX-2H** and **DX-Input**, \$6.00; **DX-2H** and **DX-Input** compact style, \$5.00.

Dano Radio Company, 69 Liberty St., Brooklyn, N. Y. **DANO**.

Danziger-Jones, Inc., 25 Waverly Pl., New York City. Variable. **TELOS & TELOS**. Telomonic.

The Dayton Fan & Motor Company, Monument Ave. and Meigs St., Dayton, Ohio. **DAY-FAN**. No. 5026, 4 1/2 to 1, Audio Frequency Transformers, \$4.00.

Tobe Deutschmann Co., 46 Cornhill, Boston, Mass. **DTW**. Transformers.

Dongan Electric Mfg. Company, 2983 Franklin St., Detroit, Mich. **DONGAN**. Tube. Type B-AC. For use in AC tube circuits. With cord and attachment plug for AC current socket. \$6.00.

James C. Doran & Sons, Inc., 150 Chestnut St., Providence, R. I. **DORAN**.

Dubilier Condenser and Radio Corporation, 4337 Bronx Blvd. at 238th St., New York City. Radio Frequency. **DURATRAN**. \$4.00.

Dungan-Sternfield Radio Sales, Chicago, Ills.

Eagle Mfg. Company, Inc., 72 York St., Jersey City, N. J. **EMCO-TRAN**. Audio Frequency.

Eisemann Magneto Corp., 165 Broadway, New York City. Audio Frequency. **EISEMANN**. \$6.00.

Eldredge Electric Mfg. Company, Springfield, Mass. Audio Frequency. \$5.00.

Electrical Products Mfg. Company, 69 Sprague St., Providence, R. I. Audio frequency. **DYMAC**. \$2.50. **EPM**. \$3.50.

Electrical Research Laboratories, 2500 Cottage Grove Ave., Chicago, Ills. Reflex. **ERLA**. No. 1 and 2 antenna receivers. No. L-1, L-2 and L-3 for loop receivers. Nos. P-1, P-2 and P-3 for portable receivers. Radio **ERLA**, C-1, C-2, C-3, Audio, **ERLA**. 6-1 and 3 1/2-1. Push-Pull. **ERLA SELECTOFORMER**. **ERLA CONCERT GRAND**,

TRANSFORMERS

\$10.00. **ERLA** Reflex Transformer, Red Label, No. 1, \$5.00; (1 to 5-tube antenna circuits) 2, \$5.00; **ERLA** Reflex Transformer, Yellow Label (5-tube Loop, 199-tube circuit), \$15.00 per set. **ERLA BALLOON CIRCLOID** Transformer, \$4.00; **ERLA** Audio Transformer, 3 1/2 to 1, \$4.00; 6 to 1, \$4.50; **ERLA** Maxitran R. F. Transformer, Bakelite Shell, \$4.00. **ERLA** 1000 cycle Audio, \$6.50. **ERLA** Push-Pull Transformer, input, output. Pair \$10.00.

Essex Mfg. Company, Newark, N. J. Audio. **ESSEX SPECIAL**, \$4.00 each.

Federal Radio Sales, Inc., 1003 Broadway, Camden, N. J. **3YQ**. \$5.00.

Feri Radio Mfg. Company, 1167 Bedford Ave., Brooklyn, N. Y. Tuned Radio Frequency.

Flint Radio Company, 1817A Wilson Ave., Chicago, Ills. **FLINT AUDIO-TRANSFORMERS**. No. 33, \$3.50. **REPUBLIC** Audio Transformer, \$3.50.

Ford Radio & Mica Corp., 111 Bleecker St., New York City.

Forman & Company, 366 Greenwich St., New York City. **UN-X-LD**. Audio Frequency. \$2.45.

General Instrument Corp., 423 Broome St., New York City. Radio Frequency. **ISOLANTITE** cylinder. A. F. transformers.

General Radio Company, 30 State St., Cambridge, Mass. **GENERAL RADIO COMPANY**. Audio Frequency, type 231A, \$5.00; Modulation, type 231M, \$5.00; Telephone. 166, \$9.00; Medium Frequency, type 271, \$5.00. **GR**. 285, Audio Frequency, \$6.00.

Halldorson Company, 1772 Wilson Ave., Chicago, Ills. Audio Frequency. \$4.00.

Kenneth Harkness Radio Corp., 727 Frelinghuysen Ave., Newark, N. J. **HARKNESS**. Audio Frequency.

Hart & Hegeman Mfg. Company, 342 Capitol Ave., Hartford, Conn. Audio Frequency. **H. & H.**

A. E. Hill Mfg. Company, 80 Magnun St., Atlanta, Ga. **MULTIFORMER**. Combined Radio Frequency. **HILCO**.

Holmes Electric Mfg. Company, 1810 Leland Ave., Chicago, Ills. **HOLMES**. Transformers. Audio Frequency; Radio Frequency.

Henry Hyman & Company, Inc., 476 Broadway, New York City. **BESTONE**. Audio frequency, \$2.50. \$3.50, \$4.00.

TRANSFORMERS (Continued)

- Imperial Electric Mfg. Company, 50 Columbia St., Newark, N. J. **PURADYNE.** Audio Frequency, mounted or unmounted.
- Indiana Mfg. & Elec. Company, Marion, Ind. "INDIANA HYPERDYNE" Audio Frequency. Ratio 3 to 1. \$3.50.
- Jaynxon Laboratory, 57 Dey St., New York City. Audio Frequency. Radio Frequency.
- Jefferson Electric Mfg. Company, 501 S. Green St., Chicago, Ill. Radio Frequency. **JEFFERSON.** Ratio, 150 L. W. (Intermediate Frequency); \$5.00; Audio Frequency, **STAR**, 1½ to 1, \$3.25; **STAR**, 3 to 1 ratio, \$3.25; 6 to 1 ratio, \$3.75; No. 37, 3.75 to 1, \$5.50; No. 41, 3.75 to 1, \$4.25; No. 45, 3 to 1, \$7.00. Transmitting, \$20.00.
- Karas Elec. Co., 4042 N. Rockwell St., Chicago, Ills.
- Kardon Products Company, Inc., 451 Greenwich St., New York City. **KARDON.** Audio Frequency, mounted, \$4.60; unmounted, \$4.40.
- Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ills. Shielded and Unshielded audio frequency, \$3.50 to \$4.50. Radio frequency, \$2.35. Insulating transformers R17, \$10.00; R20, \$8.00. Long wave for super headsets, \$4.75. **KELLOGG AUDIO FREQUENCY TRANSFORMER**, shielded type, No. 501. Ratio 4½ to 1, \$4.50; No. 502, ratio 3 to 3, \$4.50.
- Killark Electric Mfg. Company, 3490 Easton Ave., St. Louis, Mo. **KILLARK.** Audio Frequency. \$4.50.
- The Klentz Radio Company, 2324 N. Sawyer Ave., Chicago, Ills. **KLENTZ.**
- Langbein & Kaufman, 654 Grand Ave., New Haven, Conn. **LANGBEIN & KAUFMAN.** Radio Frequency, Variable "Vario Transformers." VT25. \$8.50. L. & K. Clarifying selector T. R. F., \$7.00.
- Lee Electric & Manufacturing Company, 220-222 Eighth St., San Francisco, Calif. **LEMCO.** Audio No. 401. 3 to 1, \$3.50; Audio No. 401, 5 to 1, \$3.50.
- Liberty Transformer Co., 123 N. Langanon St., Chicago, Ills.
- Marle Engineering Co., Orange, N. J. **MARLE.** Audio Frequency; A4, \$3.75; A6, \$4.25; Radio Frequency, R1, \$3.00; R2, \$3.00; Modulation, \$5.00; A9, \$6.00; A11, \$6.00. No. 200 Transformer and choke unit used in "B" Battery eliminator,

TRANSFORMERS

- \$7.50. S25 Transformer and choke unit used in "B" Battery eliminator, \$9.75.
- Maxum Radio & Electric Company, 54th St. and Woodland Ave., Philadelphia, Penna. **MAXUM.** Audio Frequency, Radio Frequency.
- Mazda Radio Mfg. Company, 3411 Perkins Ave., Cleveland, O. Consomello Audio. \$5.00.
- Meloformer Sales Company, 9 South Clinton St., Chicago, Ills. **MELOFORMER.**
- Mississippi Valley Radio Company, 203 Pine St., St. Louis, Mo. **M-V.** Air-Core. \$1.75. High-Mu (R.F.), \$2.50.
- Montrose Mfg. Company, 1333 Fulton St., Brooklyn, N. Y. **M. R. L.** Audio Frequency. \$3.00; unmounted, \$2.50.
- Music Master Corp., 128 10th St., Philadelphia, Penna. **MUSIC MASTER.** Audio Frequency. \$7.00, \$5.00.
- The National Company, Inc., 110 Brookline St., Cambridge, Mass. Radio frequency. **NATIONAL REGENFORMER.** With coil, \$7.50.
- National Radio Mfg. Company, 406 N. Hudson St., Oklahoma City, Okla. **NATIONAL** Radio frequency.
- National Transformer Mfg. Company, 154 Whiting St., Chicago, Ills. **NATIONAL** Audio Frequency, 2½ to 1 ratio, \$4.00; 6 to 1 ratio, \$4.50.
- New York Coil Company, 338 Pearl St., New York City. **NEW YORK COIL.** Audio Frequency. Radio Frequency, Condenser tuned; Radio Frequency; Long Wave.
- Nolte Mfg. Company, 61 Gautier Ave., Jersey City, N. J. Type F. T. R. F.
- Northwestern Radio Mfg. Company, 1556 E. Taylor St., Portland, Ore. **NOVCO.** Audio and radio frequency.
- Pausin Engineering Company, 727 Frelinghuysen Ave., Newark, N. J. **PAUSIN.** Audio Frequency.
- Peerless Radio Corporation, Wellesley, Mass. **PEERLESS.** **TWIN AUD.** Combined Transformers, audio frequency.
- Phenix Radio Corp., 116 E. 25th St., New York City. **PHENIX.**
- Precise Mfg. Corp., 254 Mill St., Rochester, N. Y. No. 480 audio frequency 5 to 1 and 2½ to 1 ratio. \$7.50; No. 285A audio frequency, 4½ to 1. \$5.00. **ECLIPSE** audio frequency, 2½ to 1, List Price, \$4.00; **COMET** audio frequency, 3½ to 1, List Price,

TRANSFORMERS (Continued)

\$3.25; No. 800-801 push-pull transformers, \$11.00 per pair. Four intermediate Radio Frequency transformers, No. 1700. Super-Multiformer. List Price, \$20.00. No. 1900 Filtoformer, combination radio frequency choke coil and bypass condenser. List Price, \$4.50.

Premier Electric Company, Grace & Ravenswood Avenue, Chicago, Ills. Audio Frequency. PREMIER. HEGEHOG.

Radio Foundation, Inc., 25 West Broadway, New York City. Type "L" for use on 110 volts, 60 cycles. \$6.00.

Radio Industries Corp., 133 Duane St., New York City. TROPAFORMER. Super-Heterodyne Long Wave. \$6.75.

Radio Instrument Company, 939 D St., N. W., Washington, D. C. VIRBREN. DX 18, 250-550 meters radio frequency; DX 19 radio frequency.

Radio Receptor Company, Inc., 106 7th Ave., New York City. RECEPTRAD. R. R. CO. PRODUCTS. ATX, ratio 1 to 5; AT3, ratio 1 to 3; RF 1716, 5,000 to 25,000 meters; Crystal Reflex, 1,200 to 600 meters; RF, 200-600 meters; Tuned Input or Output Type H34, see couplers.

Radio Specialty Company, Inc., 96 Park Pl., New York City. RASCO. Audio Frequency, unassembled, \$2.00; Radio Frequency, No. 2800, \$1.75.

Radio Units, Inc., Maywood, Ills. PADDLEWHEEL.

Raven Radio, Inc., 8 Learned St., Albany, N. Y. Audio and radio.

The Ray-Dee Aircraft Mfg. Company, 115 Fifth St., Redlands, Calif. Radio Frequency Tuned. SUPER-HETERODYNE TUNED. Radio Frequency Transformer Type, 10A, \$5.00; Tuned Radio Frequency Reflex Transformer Type A-55, \$3.50; Ray-Dee Farmer Type, M-33, \$3.75. ARTCRAFT. Ray-Dee Aircraft Low Lc's radio Frequency.

Reichman Company, 1725 W. 74th St., Chicago, Ills. THOROLA. Reproducing Transformers, No. 321, \$4.50. THOROLA. Audio.

Reliable Parts Mfg. Company, 2819 Prospect Ave., Cleveland, Ohio. Audio Frequency. RELIABLE TRANSFORMERS.

Remler Radio Mfg. Company, 182 2nd St., San Francisco, Calif. Intermediate. Frequency Type 600, \$6.00. Tuned Stage Type 610, \$5.00.

TRANSFORMERS

J. Thos. Rhamstine, 500 E. Woodbridge St., Detroit, Mich. RHAMSTINE*. Audio Frequency. \$3.50, \$4.00, \$4.50.

The A. E. Rittenhouse Company, Honeoye Falls, N. Y. Audio Frequency. RITTENHOUSE. \$3.00.

Rubicon Company, 29 N. 6th St., Philadelphia, Penna. RUBICON.

Sampter Radio Corp., 34 35th St., Brooklyn, N. Y. SELECTRAN. Audio Frequency. \$5.00. SELECTRAN. Radio Frequency. \$7.50.

Samson Electric Company, Canton, Mass. SAMSON. HW-A2, Audio Frequency, ratio 6 to 1, \$5.00; HW-A2, ratio 3 to 1, \$5.00; HW-A2-1, Input Push-Pull, \$5.00; HW-A2-T, Output Push-Pull, \$5.00; HW-RI, 5,000 meter Radio, \$4.50.

Shamrock Mfg. Company, 204 Waverly Ave., Newark, N. J. SHAMROCK. Audio frequency, \$4.50; radio frequency, 3 matched, \$6.00.

F. W. Sickles Company, 337 Worthington St., Springfield, Mass. SICKLES. DIAMOND WEAVE. Tuned Radio Frequency Coil, \$2.00; tuned Style A, \$3.50; Tuned Style DX, \$3.50.

Silver-Marshall, Inc., 110 S. Wabash Ave., Chicago, Ills. Parts for SILVER-MARSHALL Long Wave. Super-Heterodyne Receiver Unit consists of two 210's (iron-core inter-stage,) one 211, (filter), \$8.00 each, and 101B oscillator coupler.

Simmons Mfg. Company, 3405 Perkins Ave., Cleveland, Ohio. Consumable Audio. \$5.00.

A. T. Smith Electric Co., Torrington, Conn. "WINSTED. \$5.00.

Splitdorf Electric Company, 392 High St., Newark, N. J. SPLITDORF.

The Sterling Mfg. Company, 2831 Prospect Ave., Cleveland, Ohio. STERLING. R356, audio frequency, \$6.00; R302, radio frequency, \$3.50.

St. James Radio Laboratories, Inc., 845 Washington Blvd., Chicago, Ills. ST. JAMES. Intermediate Frequency VACUUM TRANSFORMER. 280 K.C. \$8.50 each; \$34.00 per set of 4

Summit Radio Mfg. Company, Inc., 485 Broad St., Newark, N. J. TOROIDAL-Tuned Radio Frequency; matched sets of 3, \$10.00.

TRANSFORMERS (Continued)

C. D. Tanner Company, 528 W. Washington St., Los Angeles, Calif. **NEUTROPLEX**. R. F. C. Tuned Transformers.

Taylor Electric Company, 1206 Broad St., Providence, R. I. **RADI-CLEAR**. \$2.95.

Thordarson Electric Mfg. Company, 400 W. Huron St., Chicago, Ills. **THORARDSON**.

Tillman Products Company, 187 W. 9th St., Brooklyn, N. Y. Audio Frequency. Mounted and unmounted.

United Mfg. & Distributing Company, 9705 Cottage Grove Ave., Chicago, Ills. **UNITED**. Audio frequency.

The George W. Walker Co., 6520 Carnegie Ave., Cleveland, Ohio. **VICTOREEN RADIO PRODUCTS**. NT. Tuned Radio Frequency set, of 3, \$5.50. T.T. Tuned Radio Frequency, set of 3, \$4.75.

Waterbury Button Company, Waterbury, Conn. **CENTURY**. Transformer.

Werner Radio Mfg. Company, 204 Ninth St., Brooklyn, N. Y. **WERNER**. Radio and Audio Frequency. Black case for tubes operated from dry cells. Brown case for tubes using storage battery supply. Types W, W-1, W-2, W-3, T-coil.

White Beauty Electric Company, Inc., 4416 North Western Ave., Chicago, Ills. **WHITE BEAUTY**. Radio Frequency, \$3.00.

TRANSFORMER CORES

The K-W Ignition Corp., 2811 Chester Ave., Cleveland, O. **K-W** (in circle) Transformer core laminations.

TRANSMITTER BUTTONS

TRANSMITTING SETS (see Sets, transmitting)

TRANSMITTERS, C. W. (see Sets, transmitting)

TRANSMITTERS, MICROPHONE (see Microphones; Sets, transmitting)

TRAPS, WAVE (see Wave traps)

TREGO — Trego Radio Mfg. Co., Kansas City, Mo.—Receiving sets.

TRELLCOTT—Trellcott Co., 2118 W. Hale St., Louisville, Ky.—Amplifiers.

TRENLE—The Trenle Porcelain Co., East Liverpool, Ohio—Strain insulators.

TRENTON — Trenton Wood Specialty Co., Stokes Ave. & P. R. R., Trenton, N. J.

TRESCO — Tresco Sales, Inc., 1416 W. Pleasant St., Davenport, Iowa.—Receiving sets.

TRESCOLA — Tresco Sales, Inc.,

TRIRDYN

1416 W. Pleasant St., Davenport, Iowa—Receiving sets.

TRIANGLE—Triangle Elec. Trading Co., 632 Broadway, New York City.—Batteries, "B" dry cell.

TRIANGLE—Triangle Phono Parts Co., 722 Atlantic Ave., Brooklyn, N. Y.—Adapters, phonograph.

TRI-COIL—Brooklyn Metal Stamp Corp., 718 Atlantic Ave., Brooklyn, N. Y.—Transformers.

TRIDLEX—Murad Labs., Inc., 800 Fifth Ave., Asbury Park, N. J.—Receiving sets.

TRIDOT—Tridot Elec. Co., Inc., 16 Hudson St., New York City.—Resistors.

TRIDOT—Tridot Electric Inc., 16 Hudson St., New York City.—Fixed grid leaks, lead-ins, variocouplers.

TRI-JACK—Brooklyn Metal Stamp Corp., 718 Atlantic Ave., Brooklyn, N. Y.

TRIMM HOME SPEAKER — Trimm Radio Mfg. Co., 243 South Clinton St., Chicago, Ills.—Loud speakers.

TRIMM STANDARD — Trimm Radio Mfg. Co., 24 S. Clinton St., Chicago, Ills.—Loud speakers.

TRIMOUNT—Trimount Trading Co., 61 Court St., Boston, Mass.—Crystals mounted, unmounted.

TRINITY — Como Apparatus Co., Inc., Manchester, N. H.—Loud speakers.

TRINITY—Trinity Mfg. Co., 112 Trinity Place, New York City.—Tube testers.

TRIO — Liberty Metal Products, Berea, Ohio.—Loud speakers.

TRIPLE-A (in triangle)—Triple A. Specialty Co., 623-630 W. Jackson Blvd., Chicago, Ills.—Battery Brass replacement parts, battery box handles.

TRIPLE-LENGTH — Foote Radio Co., 107 N. 19th St., Philadelphia, Pa.—Cat whiskers.

TRIPLE TONE TUBES ARE ALIVE—Radio Tube Mfg. Co., 154 Nassau St., New York, N. Y.—Vacuum tubes.

TRIPLTRON — Triple A Specialty Co., 628 W. Jackson Blvd., Chicago, Ills.—Vacuum tubes.

TRI-PLUG—Brooklyn Metal Stamp Corp., 718 Atlantic Ave., Brooklyn, N. Y.—Phone plugs.

TRIPPE—Trippe Reflector Corp., 310 S. Michigan Ave., Chicago, Ills.—Crystal receivers.

TRIRAD—J. Zied, 530 Callowhill St., Philadelphia, Pa.—Coil winding forms—storage "B" batteries.

TRIRDYN—The Crosley Radio Corp., Cincinnati, Ohio.—Receiving sets.

TRITON

TRITON—Davenport-Hickory Corp., 329 S. La Salle St., Chicago, Ills.—Tube testers.

TROJAN—Troy File Works, 520 Congress St., Troy, N. Y.—Files.

TROPADYNE—Radio Industries Corp., 133 Duane St., New York City—6 tube kit.

TROPAFORMER—Radio Industries Corp., 133 Duane St., New York City.—Transformers.

TROY-BEST—Troy File Works, 520 Congress St., Troy, N. Y.—File and tool handles.

TRUE-BLUE—Brightson Labs., Inc., 84th St., Cor. Astor Court, New York City.—Vacuum tubes.

TRUE TONE—True Tone Radio Mfg. Co., 186 La Salle St., Chicago, Ills.—Head sets, loud speakers, receiving sets.

TRU-FIX DELUXE—Trufix Radio Prod. Co., 42 Maverick Square, E. Boston, Mass.—

TRUTONE—Sadler Mfg. Co., 86 4th St., San Francisco, Calif.—Loud speakers.

TRUWARE—A. & F. Electrical Mfg. Co., 4213 North Ave., Chicago, Ills.—Inductance coils, binding posts, switch levers, contacts, switch stops.

TUBE ADAPTORS (see Socket adaptors)

TUBE BASES (See Bases)

TUBE PROTECTORS

Bussmann Mfg. Company, 3819 N. 23rd St., St. Louis, Mo. **FUSE-LOGY**. Renewable and non-renewable. All types and sizes for electric circuits.

Chicago Fuse Mfg. Company, 1503 W. 15th St., Chicago, Ills. **GEM. UNION**.

Mack Company, 1940 Delancey St., Philadelphia, Penna. **MACKONTROL** (tube protecting device). Type A, all tubes but 199 type up to 90 volts. Type B-199 type tubes only up to 90 volts. Type C—All tubes but 199 type up to 135 volts. All types, \$1.75.

Sun Mfg. Company, Inc., Louisville, Ky. **SUN**. Self-indicating, renewable.

TUBE REPAIRING

H. & H. Radio Company, Clinton Ave., Newark, N. J.

Mastertone Radio Company, 903 Broad St., Newark, N. J. **MAS-TERTONE**.

Radio Auto Distributors, 920 D. St., N. W., Washington, D. C.

TUBE SHIELDS**TUBES, PAPER****TUBES, RECTIFIER****TUBES**

Holmes Electric Mfg. Company, Inc., 1810 Leland Ave., Chicago, Ills. **HOLMES**. Rectifier.

DeWitt LaFrance Company, Inc., 54 Washburn Ave., Cambridge, Mass. **SUPERADIO**. Dynamic Vacuum tube tester.

Foot Radio Corporation, 1609 Summer Streets, Philadelphia, Penna. Tester for radio service for testing tubes. **THE OSCILLAMETER**. \$75.00.

Morrison Radio Company, 1772 Wilson Ave., Chicago, Ills. **MORRISON**.

Sterling Mfg. Company, 2831 Prospect Ave., Cleveland, Ohio. **STERLING**. Vacuum tube tester. **HOME**, \$8.50; **UNIVERSAL**, \$18.00; **PROFESSIONAL**, \$30.00.

R. M. Peffer, 334 Chestnut St., Harrisburg, Penna.

The Sterling Mfg. Company, 2831 Prospect Ave., Cleveland, Ohio. **STERLING**. R401, **HOME**, for UV-201A, 301A, UV-200, C-300, \$8.50; R-406, **UNIVERSAL**, for UV-201A, 301A, C-299, UV-199, WD12, C12, \$18.00; R402, **PROFESSIONAL**, for any tube, \$30.00.

TUBES, VACUUM

(two element, three element, power, transmitting, etc.)

American International Trading Company, 26 Stone St., New York City. **EMPIRE TRONS**. (Tip-less), \$3.00.

American Radio Tube Works, 63 Hoyt St., Newark, N. J. 3 element.

Ampere Radio Corp., 503 5th Ave., New York City. **CECILIAN**.

Armstrong Electric & Mfg. Company, Inc., 351 Halsey St., Newark, N. J. WD-12, UV-199, 201A. \$2.50 List.

Branford Radio Mfg. Company, 1145 Fox St., Bronx, New York City. **BLUE BELL**. Amplifier, Detector, \$2.50.

Brightston Laboratories, Inc., Hotel Waldorf-Astoria, 16 W. 34th St., New York City. **TRUE BLUE**. Standard and Power Plus, \$3.50.

C. E. Mfg. Company, Inc., Providence, R. I. **CECO**. **TYPLESS**.

Cleartone Radio Supply Company, 70 Audubon Ave., Providence, R. I.

Cleartron Vacuum Tube Company, 25 W. 43rd St., New York City. **CLEARTRON**. C-T 201A, C-T 199, C-T 101A, C-T 400, \$3.00.

Connewey Electric Laboratories, Magnatron Bldg., Hoboken, N. J. Three Element. **MAGNATRON**. D-C 200, D-C 201A, D-C 199, Standard Base. D-C 199. Miniature base, \$2.50. **Magnatron Rex**,

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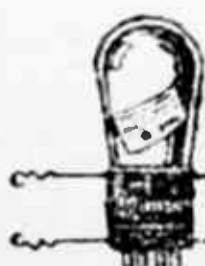
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CABLE ADDRESS "SIMONTRICE-NEWYORK"



SUPERTRON

A SERIAL NUMBER GUARANTEE

TUBES, VACUUM (Continued)

Continental Sales Company, 77 W. Washington St., Chicago, Ills. CONTINENTAL. \$2.00.

E. T. Cunningham, Inc., 182 Second St., San Francisco, Calif. Type C-11, detector-amplifier, \$2.50; C and CX-12 detector-amplifier, \$25.00; C-299 detector-amplifier, \$2.50; CX-299 detector-amplifier, \$2.50; CX-220 audio amplifier, \$2.50; C and CX-300 gas content detector, \$2.50; C and CX-301A detector-amplifier, \$2.50; CX-112, audio amplifier, \$6.50; CX-310 power amplifier, \$9.00; CX-313 full wave rectifier, \$7.00; CX-316B, half wave rectifier, \$7.50; CX-374, voltage regulator tube, \$5.50; C-376, ballast tube, \$6.50; C-377, protective tube, \$1.75. C-396 and CX-373, rectifier tubes, under development.

Davenport Hickory Corp., 327 S. La Salle St., Chicago, Ills. DAVRAD Radio Tubes.

Doaven Radio Corp., 158 Summit St., Newark, N. J. DAVEN HI MU.

Daven Radio Corp., 158 Summit St., Newark, N. J. DAVEN HIGH Mu. Type MU-20, \$4.00; 6 volts filament, plates voltage 90; 200 volts. Type MU-6, \$5.00.

Diamond Vacuum Products Co., 4049 Diversey Ave., Chicago, Ills. Bakelite base. Types. \$2.50.

Electrical Products Company, 96 New St., Newark, N. J. Detector A; "B" rectifier tubes. Amplifier.

Electric Sales Company, 140 Halsey St., Newark, N. J. ARION.

Electron Tube Labs., 2217 Lafayette St., Ft. Wayne, Ind. ELECTRON.

Farmer's Wireless Telephone Company, 157 Chambers St., New York City.

The Federal Porcelain Company, Carey, Ohio. FEDCO. Porcelain.

Gold Seal Products Company, 250 Park Ave., New York City.

Goode Tube Corp., Owensboro, Ky. TWO-O-ONE-A.

The Hytron Company, 4 Goodell St., Salem, Mass. Types 201A, 199; small base, 199; adapter, 12; \$2.00.

Jove Lamp Works, 311 W. 59th St., New York City.

J. & S. Radio Company, 179 Ridgewood Ave., Newark, N. J.

The Ken-Rad Company, Owensboro, Ky. K-R 0201-A; K-R 199.

The Magnavox Company, Oakland, Calif. MAGNAVOX. Type "A" Amplifier and Detector Radio Vacuum Tube.

TUBES, VACUUM

Martin Radio & Electric Company, 130 W. 52nd St., New York City. PACKARD, \$2.50.

Kladag Radio Laboratories, Kent, Ohio. KLADAG. EUPHONE.

Lestein Corporation of America, 2 Broadway, New York City. LESTEIN. LESTRON. Transmitting and receiving. 110 volt.

Morris Register Company, Council Bluffs, Iowa. MORRIS.

Masterton Radio Company, 903 Broad St., Newark, N. J. MASTER-TONE.

McCullough Sales, 963 Liberty Ave., Pittsburgh, Penna. A. C.

Metropolitan Electric Company, 811 24th St., Des Moines, Iowa. MECO. M-201A, ¼ Amp., \$3.00; M-199 .06 Amp., \$3.00; POWER Tube, ½ Amp., \$5.00.

Nulite Electric Company, 220 West 42nd St., New York City. ECONOTRON.

Nutter Electric Equipment Company, 12 Palmer St., Boston, Mass. NUTTER. \$2.00, list.

Pennant Radio Laboratories, 63 Hoyt St., Newark, N. J. AMPLITRON. Types 201-A, 199, 12, 200, \$3.00.

Radio Corp. of America, New York City.

P. T. Supply Company, 156 W. 50th St., New York City. P. T. S.

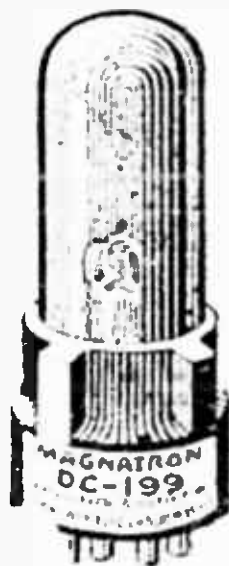
Radio Foundation, Inc., 25 West Broadway, New York City. McCULLOUGH A-C. \$6.00.

Roth Radio Company, 88 W. Broadway, New York City. PEERTRON. Type 199, 90c; WD12, 90c; 201A, 85c, net price; \$2.50 list.

The R. S. K. Company, Caxton Bldg., Cleveland, Ohio. ATLAS.

Schickerling Products Corp., 401 Mulberry St., Newark, N. J. Model E, 1600 5 vt. 16/100 amp., Model S700, 5 vt. ¼ amp, \$5.00. Power tube. Model S8100, 3 vt., 7/100 amp. miniature base detector amplifier. Model S300, 1½ volts, \$2.50; standard base dry cell tubes. Model S400, 3 volt, \$2.50; 1/10 amp. standard base detector amplifier. Model S200, 5 volt ¼ amp., \$2.50; standard base amplifier detector tube. Model Z50, standard base non-filament AC rectifying tube, passing 150 milliamps. Model Z150 standard base non-filament AC rectifying tubes passing 150 milliamps. Power Prot. \$50.00. 2 tubes for battery eliminators, \$5.00; \$10.00; \$12.00; also transformers, choke coils, condensers.

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TUBES, VACUUM (Continued)

Radio Owners' Service Company, 660 12th St., Oakland, Calif.
 Radio Tel. & Tel. Corp., 25 W. 45th St., New York City. Detector and amplifier.
 The Ravac Company, Inc., 329 Rantoul St., Beverly, Mass. Dry Cell $\frac{3}{4}$ volts, Detector and Amplifier; 6 volts, Detector and Amplifier.
 Royal Electric Labs., Newark, N. J. ROYALFONE. KING OF ALL. \$2.00.
 Sonatron Tube Company, 220 S. State St., Chicago, Ills. SONATRON.
 Sterling Enterprise, Inc., 396 Broadway, New York City. STERLING. "B" Liminator.
 The Sterling Mfg. Company, 2831 Prospect Ave., Cleveland, Ohio. STERLING. R403, for 110 volt, A.C. current, meter equipped; for UV-201A, C-301A, UV-199 and C-299. 50 to 60 cycle, \$12.50; 25 to 40 cycle, \$14.00.
 Stewart-Warner Speedometer Corp., 1826 Diversey Blvd., Chicago, Ills. STEWART-WARNER, Model S-W 501A, \$3.00 each.
 Superior Radio Company, 176 Shepard Ave., Newark, N. J. CLARITRON. 501A, 112, 499; Detector and Amplifier. \$2.30.
 Supertron Mfg. Company, Hoboken, N. J. SUPETRON. All Types, \$2.
 Tectron Radio Company, 1270 Broadway, New York City. TECTRON. DE LUXE BLUE, \$2.50; \$3.50.
 Universal Radio Laboratories, 237 Clinton Ave., Newark, N. J. UNIVERSAL RADIO TUBES.
 Valley Narrow Fabric Company, 59 Chestnut St., Central Falls, R. I. EVEREST WORLD TOP QUALITY. 3 types, 1-A, 5 volt for storage battery; 9-B, 3 volt tube for dry cells; 9-C, 3 volt with standard base. \$2.50.
 The Van Horne Company, Franklin, Ohio. MUSSELMAN CERTIFIED ELECTRON TUBES. Types 5VA, 3VB and 5 VS, 3VA. \$3.50; VAN HORNE SELECTED RADIO TUBES. Types 5VA, 3VB and 5VS, 3VA, \$3.00. 4 types of each brand.

Yankee Tube Corp., 185 Clinton Ave., Newark, N. J. YANKEE.

Yunck Glass Mfg. Company, 570 Forest St., Orange, N. J. YUNCK.

TUBING

TUBING, SPAGHETTI (see Spaghetti)

American Hard Rubber Company, 11 Mercer St., New York City. Insulated. RADION. (Variocoupler tubing.)

TUBING

Asbestos Fibre Spinning Company, Elm Ave., North Wales, Penna. INSULATED.
 Belden Mfg. Company, 23rd St. and Western Ave., Chicago, Ills. BELDENTUBE.
 Bentley-Harris Mfg. Company, Elm & Ash Sts., Conshohocken, Penna. B.-H. Flexible.
 Bridgeport Brass Company, Bridgeport, Conn. BRIDGEPORT. Brass, Copper.
 Campbell Fibre Company, Stanton, Del. VULCANIZED FIBRE and BAKELITE.
 Canfield Rubber Company, Bridgeport, Conn. CANFIELD.
 Chase Metal Works, 236 Grand St., Waterbury, Conn. CHASE. Brass and copper.
 Cook Pottery Company, Trenton, N. J. COOK.
 Empire Paper Products Corp., 155 Bank St., New York City. EMPIRE. Tubes for "B" Batteries.
 Friedrich & Dimmock, 7 E. 42nd St., New York City. Glass.
 Essex Rubber Company, May and Beak Sts., Trenton, N. J. Essex.
 Fallkill Radio & Electric Company, Poughkeepsie, New York. Molded.
 Fibroc Insulation Company, 263 Lincoln Ave., Valparaiso, Ind. FIBROC. BAKELITE.
 Forest City Rubber Company, 1276 Ontario St., Cleveland, Ohio. FOREST CITY. Hard Rubber tubing. Kit.
 The Formica Insulation Company, 50 Church St., New York City. FORMICA. Tubes.
 Luzerne Rubber Company, Trenton, N. J. Hard Rubber. LUZERNE.
 Meirowsky Brothers, Inc., 11 McPherson Place, Jersey City, N. J. BAKELITE-CERTENAX. LAMINATE. Bakelite tubing "CERTENAX."
 N. Y. Hard Rubber Turning Company, 212 Centre St., New York City. RADION.
 National Vulcanized Fibre Company, Wilmington, Del. Vulcanized Fibre. VULCOT.
 Poster & Company, Inc., 26 Barclay St., New York City. POSTER KIT. Bakelite tubing, 54 pieces, \$34.45.
 Radio Panel & Parts Corporation, 59 Warren St., New York City. INSULINE. All sizes.
 Rome Hollow Wire & Tube Company, Railroad St., Rome, N. Y. ROME HOLLOW. Brass and Copper.
 Scovill Mfg. Company, Waterbury, Conn. SCOVILL. Copper tubing.

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TUBING (Continued)

Spee-Dee Specialty Company, 271 Canal St., New York City. **SPEE DEE.**

United States Rubber Company, 1790 Broadway, New York City. **UNITED.**

Uptown Mfg. & Supply Company, 7724 N. Paulina St., Chicago, Ills. **UPTOWN.**

Vulcanized Rubber Company, Inc., 251 Fourth Ave., New York City. For Radio Work.

TUBING, SPAGHETTI (See spaghetti)

TUFGLAS—Russell B. Crossman, 200 Fifth Ave., New York City—Battery trays, insulation.

TULIP—Conrad Marx, Devoe & Judge Sts., Brooklyn, N. Y.—Loud speakers.

TUNERS (See also Coils)

Foot Radio Corp., Successors to Radio Dept., Foote Mineral, 1609 Summer St., Philadelphia, Penna. Three-circuit double rotor couplers. **COAST-COIL.** \$7.00.

TUNGAR—General Electric Co., Schenectady, N. Y.

TURNER QUALITY—Tristan Sales Corp., 1 Union Sq., New York City.—Condensers, variable, plugs.

TURNIT—Turnit Radio Sales, Inc., 30 Church St., New York City—Variable grid leaks, variable condensers, panel controls.

TUSKA—The C. D. Tuska Co., Hartford, Conn.—Receiving sets.

TU-WAY—Carter Radio Co., 209 S. State St., Chicago, Ills.—Plugs.

TWIN—Twin Dry Cell Battery Co., 1140 Madison Ave., Cleveland, Ohio—Dry cell batteries, "A" dry cells.

TWIN AUD—Peerless Radio Corp., Newton Lower Falls, Mass.—Transformers, audio frequency amplifiers.

TWINANTELEAK—Twinanteleak Aerial Insulator Mfg. Co., 98 East Main St., Plainville, Conn.—Insulators.

TWITCHELL—S. A. Twitchell Radio Co., 1925 Western Ave., Minneapolis, Minn.—Receiving sets, auxiliary tuners, diagrams, spider webs, duc-lateral, honeycomb coils, wave traps.

TWO-O-ONE—Goode Tube Corp., Owensboro, Ky.—Tubes.

TYROLIAN—Evolution Phono Co., Inc., 221 E. 124th St., New York City.—Sets receiving.

2 IN 1—Grewol Mfg. Co., 35 Belleville Ave., Newark, N. J.—Fixed crystals, glass enclosed crystals.

UDELL—Udell Works, Inc., 28th St. at Barnes Ave., Indianapolis, Ind.—Cabinets.

UNION

UKL - UHL—The Toledo Metal Furn. Co., 1700 Hastings St., Toledo, Ohio.—Tables.

ULTRA—Electrical Industries Mfg. Co., 328 W. 41st Street, New York City—Headsets, phonograph loud speaking units, condensers, speakers, microphones, phonograph attachments, phonograph adapters.

ULTRA ANTENNA—Phillips Laboratories, Grand Rapids, Mich.—Loop aerial.

ULTRA CHARGERS—Inter-State Electric Co. of St. Louis, Mo.—Battery chargers.

ULTRADYNE—Phenix Radio Corp., 114 E. 25th St., New York City.—Kits, receiving sets.

ULTRA - HANDEY - CHARGER—Interstate Elec. Co., 4015 Laclède Ave., St. Louis, Mo.—"A" and "B" batteries.

ULTRA LOW-LOSS—Phenix Radio Corp., 114 E. 25th St., New York City.

ULTRA MARVEL—Industrial Radio Service, Saginaw, Mich.

ULTRA SYNCHRODYNE—The Stanley Radio Co., 2947 Lorain Ave., Cleveland, Ohio.—Tuners.

ULTRA-VARIO—Bruno Radio Corp., 300 Water St., New York City—Variable condensers.

ULTRA VERNIER TUNING CONTROL—Phenix Radio Corp., 114 E. 25th St., New York City.—Vernier dial.

UNCLE SAM—Uncle Sam Electric Co., Plainfield, N. J.—Tuners.

UNICO—Universal Carbon Co., 1st and Riverside Sts., Dundee, Ill.—Resistance.

UNIFORMER—The Wireless Shop, 150 Glendale Blvd., Los Angeles, Calif.—Jacks, phone plugs, potentiometers, couplers.

UNILOG—Unilog Radio Co., 4101 Union Ave., Chicago, Ill.—Tuning units.

UNION—Chicago Fuse Mfg. Co., Laflin & 15th Sts., Chicago, Ills.—Fuses, enclosed.

UNION-HDWE CO.—Union Hdwe. Co., 411 E. First St., Los Angeles, Calif.—Metal stampings.

UNION—Union Construction Co., Oakland, Calif.—Transformers, rheostats.

UNION—Union Paper Co., 844 Washington St., New York City.—Paper tubes.

UNION—Union Radio Corp., 124 Sussex Ave., Newark, N. J.—Attachments, vernier, dial adjustors, vernier attachments.



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UNION

UNION—Union Tool Chest Co., Inc., 19 Hand St., Rochester, N. Y.—Tool kits, wood cabinets.

UNION HARDWARE CO—Union Hardware Co., 535 Migeon Ave., Torrington, Conn.—Hack saw frames, screw drivers.

UNITED DIAMOND—United Metal Stamping Co., 410 East Pearl St., Cincinnati, Ohio—Receiving sets.

UNION—RADIO—CORPORATION—Union Radio Corp., 124 Sussex Ave., Newark, N. J.—Sockets, tip jacks, vernier dial adjusters, condensers, jacks.

UNITED—United Radio Mfg. Co., 191 Greenwich St., New York City—Machining and engraving of panels and tubing.

UNITED—United Wire & Supply Co. 1497 Elmwood Ave., Providence, R. I.—Brass and copper tubing.

UNITED—United Mfg. & Distributing Co., 9705 Cottage Grove Ave., Chicago, Ills.—Receiving sets.

UNITED METAL—United Metal Stamping & Radio Co., 411 E. Pearl St., Cincinnati, Ohio—Metal stampings.

UNITED MIDGET—United Metal Stamping Co., 410 E. Pearl St., Cincinnati, Ohio—Receiving sets.

UNITED SCIENTIFIC LABS., INC.—United Scientific Labs., Inc., 80 4th Ave., New York City—Potentiometers, rheostats, variable condensers, transformers, tuned radio frequency.

UNITED TRAVELERS—United Metal Stamping Co., 410 E. Pearl St., Cincinnati, Ohio—Receiving sets.

UNITROL—The Wireless Shop, 150 Glendale Blvd., Los Angeles, Calif.—Receiving sets.

UNITRON—Forest Electric Co., New and Wilsey Sts., Newark, N. J.—Battery chargers.

UNITS (see also amplifiers)

Daven Radio Company, 158-160 Summit St., Newark, N. J. **DAVEN SUPER-AMPLIFIER**. For three stages of resistance coupled audio frequency amplification.

UNITY—Unity Mfg. Co., 224 N. Halsted St., Chicago, Ills.—Rheostats, soldering irons.

Parcells & Company, 68 W. Washington St., Chicago, Ills.

UNIVERNIER—Walbert Mfg. Co., 925 Wrightwood Ave., Chicago, Ills.

UNIVERSAL—Bloomingdale, 59th St. and Lexington Ave., New York City—Receiving sets.

UNIVERSAL—Hayes & Newton,

U. S. TOOL

115 N. Market St., Urbana, Ill.—Receiving sets.

UNIVERSAL—Holtzer-Cabot Electric Co., 125 Amory St., Boston, Mass.—Headsets, loud speakers.

UNIVERSAL—Mueller Electric Co., 1583 East 31st St., Cleveland, Ohio—Battery and test clips.

UNIVERSAL—Pacent Electric Co., Inc., 91 7th Ave., New York City.—Detector stands, phone plugs.

UNIVERSAL—Joseph Pollak Tool & Stamping Co., 85 Freeport St., Dorchester, District, Boston, Mass.—Terminals, stampings.

UNIVERSAL (inscribed in red heart) — Universal Battery Co., 3410 S. La Salle St., Chicago, Ills.—“A” and “B” batteries and parts. Battery test tubes, battery boxes, battery stoppers.

UNIVERSAL RADIO—Universal Radio Lab., 237 Clinton Ave., Newark, N. J.—Vacuum tubes.

UNIVERSAL—Universal Carbon Co., Dundee, Ill.—Resistances.

UNIVERSAL—Universal Winding Co., Providence, R. I.—Coil winding machinery.

UNIVERSAL INSULATION—Universal Insulation Co., Newark, N. J.—Bakelite panels, sockets, dials.

UN-X-LD—Forman & Co., 366 Greenwich St., New York City—Brass indoor coil, fixed condensers, jacks, kits, variable condensers, potentiometers, switches, frequency transformers, variable condensers, fixed condensers, wire, variometers.

UPTOWN—Uptown Mfg. and Supply Co., 7724 North Paulina St., Chicago, Ills.—Spaghetti, tubing.

“U.S.”—United States Rubber Co., 1790 Broadway, New York City.—Hard rubber radio panels, insulators.

U. S. EAGLE—U. S. Radio Co., of Pennsylvania, Inc., Pittsburgh, Pa.—Amplifier units, audio and radio, detector control units.

USE IS THE TEST—Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ills.

USK—U. S. Knockel, 3706 E. Pratt St., Baltimore, Md.—Variable condensers, experimental apparatus.

U.S.L.—U.S.L. Radio, Inc., Niagara Falls, N. Y.—Receiving sets.

U S L—U. S. Light & Heat Corp., Niagara Falls, N. Y.—“A” storage batteries, “B” storage batteries.

U. S. TOOL—U. S. Tool Co., Inc., Ampere, N. J.—Variable condensers, dials, screw drivers and panels.

UTAH

UTAH—Utah Radio Prod., 1427 S. Michigan Ave., Chicago, Ill.—Loud speakers.

UTILITY — Coburn Tool Co., 739 Boylston St., Boston, Mass. — Patented screw holding drivers.

UTILITY — Utility Cabinet Co., Waukesha, Wis.—Cabinets.

U. V. 201-A—Radio Corp of America, New York City.—Tubes.

VAC-SHIELD — Orange Research Lab., 41 North 16th St., East Orange, N. J.—Vacuum tube shields.

VACULITE—John C. Dolph Co., 168 Emmett St., Newark, N. J.—Impregnating compounds.

VACUUM TUBES (see tubes, vacuum)

VALLEY—Valley Elec. Co., 20 Hudson St., New York City.—Battery chargers.

VALLEY—Valley Electric Co., 3157 S. Kingshighway, St. Louis Mo.—Battery chargers, soldering flux.

VALLEY TONE —Valley Electric Co., 3157 S. Kingshighway, St. Louis, Mo.—Battery chargers, receiving sets.

VAN—L. D. Van Valkenburg Co., Holyoke, Mass.—Crystal sets.

VAN HORN — Van Horn Co., Franklin, Ohio.—Tubes.

VAN'S RADIO CHART—Perry & Elliott Co., Lynn, Mass.—Publishers.

VARIABLE CONDENSERS (see Condensers, variable)

VARIABLE LOOPS (see Aerials)

VARIATON — Dubilier Condenser & Radio Corp., 4317 Bronx Blvd., New York City.—Variable condensers.

VARICK—Varick Electric Mfg. Co., 71 8th Ave., New York City — Soldering irons.

VARIOCOUPERS
Able Tool & Engineering Company, West Elm St., Chicago, Ills. ATEC.
American Radio Research Company, Medford Hillside, Mass. AMRAD BASKETBALL.
Atec Products Company, 536 W. Elm St., Chicago, Ills. ATEC. \$1.50.
Baldwin Radio Electric Mfg. Co., 684-691 Bergen St., Brooklyn, N. Y. BALDWIN.
Columbia Radio Corp., 155 N. Union St., Chicago, Ills. COLUMBIA.
Eagle Condensers, Inc., 858 Bedford Ave., Brooklyn, N. Y. EAGLE.
Emco Radio Products Company, Jamaica, N. Y. EMCO.
Essex Mfg. Company, Newark, N. J. PALL MALL VARIO COUPLER, 180 degrees. \$2.50.
Fallkill Radio & Electric Corp., Poughkeepsie, N. Y.

VARIO COUPLERS

Foote Radio Corporation, 1609 Summer St., Philadelphia, Penna. 3-Circuit Tuning Coupler. With Two Rotors. COAST COIL. \$7.00.

Forman & Company, 366 Greenwich St., New York City. FORMAN & CO. Silk wound, 15 tap. 180 degrees. \$1.50. Transparent Bakelite. UN-X-LD. 180 degrees.

Harris & Birdseye, Inc., 25 Church St., New York City. HARCO.

The Hart & Hegeman Mfg. Company, 342 Capitol Ave., Hartford, Conn. H. & H. W-430, W-431, with dial.

The Hartman Electric Mfg. Company, 31 E. 5th St., Mansfield, Ohio. HARTMAN. 180 degrees, Basket weave rotor.

A. E. Hill Mfg. Company, 80 Mangum St., Atlanta, Ga. HILCO. Type E, \$600; Type A-D, \$7.00. Short Wave.

Henry Hyman & Company, Inc., 476 Broadway, New York City. BESTONE. No. 721, 180 degrees, bakelite with dial, \$3.00.

Imperial Electric Mfg. Company, 50 Columbia St., Newark, N. J. BAKELITE. \$3.00.

Jos. W. Jones Radio Mfg. Company, Inc., 40 W. 25th St., New York City. JOS. W. JONES. \$4.50.

Kellogg Switchboard & Supply Company, 1066 W. Adams St, Chicago, Ills. \$9.00.

Langbein & Kaufman, 654 Grand Ave., New Haven, Conn. LANGBEIN & KAUFMAN. C72. \$7.00.

Lee Electric & Mfg. Company, 220-22 Eighth St., San Francisco, Calif. LEMCO. No. 100; Broadcast Tuners, \$5.00.

Manhattan Electrical Supply Company, Inc., 17 Park Pl., New York City. MANHATTAN.

McConnell Cable & Specialty Company, 426 S Clinton St., Chicago, Ills. LONG DISTANCE. • Wood and Molded.

National Lead Company, Molding Division. 111 Broadway, 111 Broadway, New York City. Bakelite molded to specifications.

New York Coil Company, 338 Pearl St., New York City. NEW YORK COIL.

Pfanstiehl Radio Company, 11 S. La Salle St., Chicago, Ills. VARIO-COUPLES. PFANSTIEHL. P-300. \$5.00.

Premier Electric Company, Grace & Ravenswood Ave., Chicago, Ills. PREMIER "MICROMETER."

The Radio Guild, 178 Commerce St., Newark, N. J. RADIO GUILD.

Radio Products Company, Riverside Ave., Westport, Conn. R. P. C. Mahogany. Bakelite. \$5.00.

VARIO COUPLERS (Continued)

- Radio Products Mfg. Company, 501 S. Jefferson St., Chicago, Ills. RPM. No. 103 RPM, \$6.50; No. 104 RPM, Mounted, \$12.00.
- Raven Radio, Inc., 8 Learned St., Albany, N. Y. RAVEN PRODUCTS. \$6.00; 180 degrees, \$6.00.
- The Ray-Dee Aircraft Mfg. Co., 115 Fifth St., Redlands, Calif. RAY-DEE. AIRCRAFT.
- Shamrock Mfg. Company, 204 Waverly Ave., Newark, N. J. SHAMROCK MFG. CO. \$3.50.
- F. W. Sickles Company, 337 Worthington St., Springfield, Mass. SICKLES. DIAMOND WEAVE INDUCTANCE COILS. \$4.50.
- Simplex Radio Company, Rector St. West of Main St., Manayunk, Philadelphia, Penna. SIMPLEX. 180 degrees. Unmounted, \$3.50; semi-mounted, \$5.50.
- Stiers Radio Corp., 993 Fourth Ave., Brooklyn, N. Y. STIERS. 16 Taps 180 degrees. Bakelite. \$3.00.
- Tridot Electric Company, Inc., 16 Hudson St., New York City. Undercut Stator. TRIDOT.
- Waterbury Button Company, Waterbury, Conn.
- VARIOMETERS**
- Able Tool & Engineering Company, W. Elm St., Chicago, Ills. ATEC.
- American Radio & Research Corp., Medford Hillside, Mass. AMRAD BASKETBALL. No. 3650, \$3.75; No. 3700, \$3.00; Variocoupler, No. 3800, \$3.85.
- Atec Products Company, 536 West Elm St., Chicago, Ills. ATEC. \$1.50.
- Baldwin Radio Electric Mfg. Company, 684-691 Bergen St., Brooklyn, N. Y. BALDWIN.
- Bronx Radio Equipment Company, Courtlandt Ave., New York City. BRECO. \$5.00.
- Columbia Radio Corp., 155 North Union St., Chicago, Ills. COLUMBIA. \$5.00.
- Tobe Deutschmann Co., 46 Cornhill St., Boston, Mass. DTW. Variometers.
- Eagle Condensers, Inc., 858 Bedford Ave., Brooklyn, N. Y. EAGLE.
- Eisemann Magneto Corp., 165 Bway., New York City. EISEMANN. \$8.75.
- Emco Radio Products Company, Jamaica, N. Y. EMCO.
- Essex Mfg. Company, New Jersey. PALL MALL. \$3.00.
- Fallkill Radio & Electric Company, Poughkeepsie, N. Y. FRECO. FALLKILL. DI-LO.
- Feri Radio Mfg. Company, 1167 Bedford Ave., Brooklyn, N. Y. FERI. \$4.00.

VARIOMETERS

- Forman & Company, 366 Greenwich St., New York City. UN-X-LD. Bakelite, silk wound. \$1.30.
- General Radio Company, 30 State St., Cambridge, Mass. Laboratory Standard Type 107F, about .02 to .4 M.H., \$24.00; type 107H, about .4 to .18 M.H., \$24.00; type 268, \$2.75.
- The B. F. Goodrich Rubber Company, Radio Dept., Akron, Ohio. GOODRICH. Unwound.
- Grand Wood Works, Inc., 6108 West Grand Ave., Chicago, Ills. VARIOMETERS. \$1.50.
- The Hart & Hegeman Mfg. Company, 342 Capitol Ave., Hartford, Conn. H. & H. NUTMEG BAKELITE VARIOMETER.
- A. E. Hill Mfg. Company, 80 Mangum St., Atlanta, Ga. HILCO. \$6.00.
- Imperial Electric Mfg. Company, 50 Columbia St., Newark, N. J. Bakelite. \$3.00.
- Kellogg Switchboard & Supply Company, 1066 W. Adams St., Chicago, Ills. \$8.00.
- Langbein & Kaufman, 654 Grand Avenue, New Haven, Conn. LANGBEIN & KAUFMAN, V-80. Space wound, \$7.00; Universal, V-140S, Split, \$7.00; V-140, Close Coupled, \$7.00.
- Manhattan Electrical Supply Company, Inc., 17 Park Place, New York City. MANHATTAN.
- McConnell Cable & Specialty Company, 426 S. Clinton St., Chicago, Ills. LONG DISTANCE.
- Frank W. Morse Company, 289 Congress St., Boston, Mass. MORSE.
- National Lead Company, Molding Division, 111 Broadway, New York City. Bakelite. Molded to specifications.
- Pearl Radio Corp., 1033 Race St., Philadelphia, Penna. PEARLCO.
- Pennsylvania Radio Laboratories, 37th and Brandywine Sts., Philadelphia, Penna. PARLA.
- Pfanstiehl Radio Service Company, 11 S. La Salle St., Chicago, Ills. PFANSTIEHL. Variometer, P. 301. \$4.75.
- Ports Mfg. Company, 3305 Belmont Avenue, Fresno, Calif. PRMCO.
- Radio Products Company, Riverside Ave., Westport, Conn. R. P. C. Mahogany Bakelite. \$5.00.
- Radio Products Mfg. Company, 501 S. Jefferson St., Chicago, Ills. RPM. No. 101 RPM, \$6.50; No. 102, RPM, mounted, \$8.00.
- Raven Radio, Inc., 8 Learned St. Albany, N. Y. RAVEN.

VARIOMETERS (Continued)

- Shamrock Mfg. Company, 204 Waverly Ave., Newark, N. J. **SHAMROCK MFG. COMPANY.** \$3.50.
- F. W. Sickles Company, 337 Worthington St., Springfield, Mass. **SICKLES. DIAMOND WEAVE.** \$4.50.
- Stiers Radio Corp., 993 4th Ave., Brooklyn, N. Y. **STIERS. Bakelite.**
- The George W. Walker Co., Cleveland, Ohio. **VICTOREEN RADIO PRODUCTS.** Type VN. \$5.50.
- Waterbury Button Company, Waterbury, Conn.
- VARIOHM** — Electrad, Inc., 428 Broadway, New York City—Variable grid leaks or resistances.
- VARIOLEAK** — Radio Service & Mfg. Co., Lynbrook, N. Y.—Grid leaks.
- VARIOTECTOR**—Feets Radio Corp., 107 N. 19th St., Philadelphia, Pa.
- VARNISH**
- American Di Electric, Ltd., 466 E. 7th St., Brooklyn, N.Y. **AMDIVAR ARMOVAR.** Insulating varnish.
- Belden Mfg. Company, 23rd St. & Western Ave., Chicago, Ills. **BELDENMOLD.**
- Bakelite Corp., 247 Park Ave., New York City. **BAKELITE.** Insulating.
- Ballston Insulating & Composition Company, Ballston Spa, N. Y. Composition shellac.
- Emil Calman & Company, Inc., 110 William St., New York City. **OHMLAC.** Full line of insulating varnishes. Crystalizing Varnishes for Radio Horns.
- Josef Czukur, New Brunswick, N. J. **RADIPARA.** Insulating, ½ oz., 30c; 1 oz., 50c.
- Daniel Specialty Company, 5232 Melrose Ave., Los Angeles, Calif. **DSC.** Insulating varnish.
- Mitchell Rand Mfg. Company, 15 Vesey St., New York City. **M.H. Insulating Varnish.**
- Phenix Aircraft Products Company, Williamsville, N. Y. **PHENIX. CELLULOID.**
- Standard Varnish Company of Illinois, 2600 Federal St., Chicago, Ills.
- Voltax Company, 89 Reservoir Ave. Bridgeport, Conn.
- Westinghouse Elec. Mfg. Company, East Pittsburgh, Penna. **WESTINGHOUSE ELEC. MFG. CO., EAST PITTSBURGH, PENNA. WESTINGHOUSE INSULATING VARNISH.**
- VERNIER CONDENSERS** (see Condensers, variable)

VERNIER DEVICES

- V-DE-CO LOOP** —V-De-Co—Radio Mfg. Co., 814 Cookman Ave., Asbury Park, New Jersey—Aerials.
- VEBY**—Veby Radio Co., 141 Washington St., Newark, N. J.—Resistors.
- VELDAR** —Radio Development & Mfg. Co. Inc., 45 Lispenard St., New York City—Variable condensers.
- VELVETENSION**—Haydon & Haydon, 73 Warren St., N. Y. C.—Crystal Detectors, Potentiometers, rheostats.
- VELVETONE**—D. W. May, Inc., Newark, N. J.—Loud speakers.
- VEMCO** — Jewett Radio & Phonograph Co., 5686 12th St., Detroit, Mich.—Loud speaker units, phonograph attachments.
- VERNIER DEVICES**
- Amsco Products, Inc., Fairbanks Bldg., Lafayette & Broome Sts., New York City. **AMSCO. Adjusters.**
- L. S. Brach Mfg. Company, 127 Sussex Ave., Newark, N. J. **BRACH-STAT.** Self-adjusting. Filament control devices.
- Martin Copeland Company, 101 Sabin St., Providence, R. I. **MARCO.**
- De Jur Products Company, Lafayette & Broome Sts., New York City. **DE JUR. Vernier.**
- Durst Mfg. Company, 119 Chambers St., New York City.
- M. M. Fleron & Sons, Inc., 113 N. Broad St., Trenton, N. J. Vernier dial adjuster. Type B, black, 65c; type M., mahogany, 65c.
- Jewett Radio & Phonograph Company, Pontiac, Mich. **MICRODIAL** 4 inch clockwise or anti-clockwise graduations, \$3.50.
- Kurz-Kasch Company, Dayton, Ohio. **K.K. Vernier Devices:** Control for changing capacity, condense into straight line frequency. Vernier knobs, Vernier Pointer knobs. Multiple condenser single dial control with vernier.
- The Mydar Radio Company, 11 Campbell St., Newark, N. J. Vernier. **ACCURATUNE.** \$3.50, \$4.75.
- Phenix Radio Corp., 116 E. 25th St., New York City. **ULTRA VERNIER.** Silvered Dial, \$2.50. Gold dial, \$3.50.
- Philmore Mfg. Company, 105 Chambers St., New York City. **AJAX.**
- Spee-Dee Specialty Company, 271 Canal St., New York City. **HERCULES PRODUCTS.** Vernier dial adjusters.

VERNIER DEVICES (Continued)

- Sheffield Trimming & Stamping Corp., 211 Centre St., New York City. STASCO. \$2.00. Dial.
- Tillman Products Company, 187 W. 9th St., Brooklyn, N. Y. **VERNIER.**
- Union Radio Corp., 124 Sussex Ave., Newark, N. J. Dial adjusters. 60c.
- Walwart Elec. Mfg. Company, 308 S. Green St., Chicago, Ills. **DIALOG.** \$1.25. Vernier Dial.
- Waterbury Button Company, Waterbury, Conn. Vernier. Patented.
- VERICHROME**—Veri Chrome Labs. 321 Genesee St., Cincinnati, Ohio. —Radio panel decorating.
- VERILOUD**—Zobel-Stein Laboratories, 322 9th St. Brooklyn, N. Y. —Crystals.
- VERNI-DIAL**—Electrical Research Labs., 2500 Cottage Grove Ave., Chicago, Ills.—Dials.
- VERNITROL** — Malone-Lemmon Lab., 342 Madison Ave., New York City—Variable condensers, vernier condensers.
- VERNITUNER**—Electrad, Inc., 428 Broadway, New York City—Coils, wave traps.
- VESPER**—Diamond Expansion Bolt Co., 90 West St., New York City —Loud speakers.
- VESTA**—Vesta Battery Corp., 2100 Indiana Ave., Chicago, Ills.—“B” storage batteries, “A” storage batteries, chemical rectifiers.
- VICTOR**—American Electric Co., 64th & State Sts., Chicago, Ills. —Headsets.
- VICTOR**—Victor Mfg. Co., 236 W. 55th St., New York City—Battery hydrometers.
- VICTORY**—United Radio Mfg. Co., 191 Greenwich St., New York City Vacuum tube sockets, panels.
- VICTORY GRANTONE** — Victory Radio Electric Co., 559 Howard St., San Francisco, Calif.
- VICTOREEN RADIO PRODUCTS** —Victoreen Radio Co., Inc., 6520 Carnegie Ave., Cleveland, Ohio—Coils, super hetrodyne kits, wave traps, variometers, tuners, transformers.
- VINELAND** — Vineland Scientific Glass Co., Vineland, N. J.—Glass test tubes, battery tubes, grid leak tubes.
- VIODYNE**— T. B. H. Radio Co., Dansville, N. Y.
- VIRALON**—Duray Radio Corp., 261 Washington Ave., Newark, N. J.— Vacuum tube sockets.
- VIRBREN**—Radio Instrument Co., 930 D St., N. W., Washington, D. C.—Super hetrodyne transformers.

VOLTMETERS

- VISCO**—The Monosmith Bros. Co., Spencer, Ohio—Dials.
- VITA**—The Vita Electric Corp., Cleveland, Ohio.—Battery chargers.
- VITALIC** — Continental Rubber Works, 19th & Liberty Sts, Erie, Pa.—Tubing.
- VITALITONE**—Vitalis Himmer — 203 6th Ave., New York City— Loud speakers.
- VITAVOX**—Imp Radio Corp., 1945 Wabansia Ave., Chicago, Ills. — Tubes.
- VITROHN**—Ward, Leonard Electric Co., Mt. Vernon, New York—Battery chargers.
- VOICE OF THE AIR**—American Radio & Research Corp., Medford Hillside, Mass. — Receiving sets, parts.
- VOISOMETER**—Co-operative Sales Co., 401 Calumet Bldg., St. Louis, Mo. — Voisometers, sets, loop aerials, cabinets, radio tables, receiving sets, variocouplers, tuners.
- VOLTA**—Volta Battery Co., Philadelphia, Pa.
- VOLTAPE**—Respro, Inc., Wellington Ave. (Auburn), Providence, R. I.—Coil insulations.
- VOLTAX**—VOLTAX Co., 99 Reservoir Ave., Bridgeport, Conn.—Varnishes.
- VOLTON**—Volton Battery Co., 21 Hopkins St., Brooklyn, N. Y.— “B” batteries.
- VOLT-X**—Burton & Rogers Co., 755 Boylston St., Boston, Mass.—Grid leaks.
- VOLTMETERS**
- Beede Electric Instrument Company. 98 Park Pl., New York City. **BEEDE.** Panel and socket types.
- Burton-Rogers Co., 26 Brighton Ave., Boston, Mass. **HOYT PEEP HOLE.** Hoyt.
- Cambridge and Paul Instrument Co. of America, Inc., 3512 Grand Central Terminal, New York City. Laboratory Standard. **CAMBRIDGE.** (Electrometer.) Prices vary with range desired.
- Dongan Electric Mfg. Company, 2987 Franklin St., Detroit, Mich. **DONGAN.** For panel mounting.
- Eldredge Electric Mfg. Company, Springfield, Mass. Filament. **ADVANCE.** Pocket. \$6.50.
- Etan Electric Works, 410 East 15th St., New York City. Filament. **ETNA.** \$4.00.
- Fore Electrical Mfg. Company, Inc., 5255 N. Market St., St. Louis, Mo. **FORE.** Pocket.

VOLTMETERS (Continued)

The Hickok Electrical Instrument Company, 10514 Dupont Ave., Cleveland, Ohio. **HICKOK**.
 Mann & Briggs Mfg. Company, Wash Ave. at 21st St., Chicago, Ills. **LEADMIUM**.
 National Light & Electric Company, 59 Lafayette St., Newark, N. J. **NATIONAL**.
 Readrite Meter Works, 136 N. Main St., Bluffton, Ohio. **READRITE**.
 The Sterling Mfg. Company, 2831 Prospect Ave., Cleveland, Ohio. **STERLING**. Pocket. No. 33, 34, \$1.25; No. 34 B, \$2.00; No. 34 C, \$2.25; No. 35, 36, \$3.50; No. 37; \$2.50; No. 38, \$3.50; No. 39, \$4.00; panel, R640, R641, R642, \$3.50; R643, \$5.00; R644, \$6.00; R646, \$3.50; R647, \$5.00. Flange type, R340, R341, R344, \$3.50.

WASHERS

Weston Electrical Instrument Company, Waverly Park, Newark, N. J. **WESTON**. Filament; Model 301, ranges, 7, 8, 10, 15, \$8.00; Plate: Model 301, range 50, \$8.00; 100, \$11.00; 500, \$17.75; 1000, \$24.75; 1500, \$30.75; 2000, \$36.75.
VOORHEES — Voorhees Rubber Mfg. Co., 20 Bostwick Ave., Jersey City, N. J.—Tubing.
VOX HUMANA—The Radio Guild, Inc., Newark, N. J.
VULCAWOOD—Diamond State Fibre Co., Bridgeport, Pa.—Cabinets.
VULCO PANELS—Allied Radio Co., Inc., 108 Greenwich St., New York City.—Panels.
VUL-COT — National Vulcanized Fibre Co., Wilmington, Del.—Vulcanized fibre, fibre parts.

W

WADE—Wade Mfg. Co., Inc., 1819 Broadway, New York City.—Condensers.
WALBERT—Walbert Mfg. Co., 925 Wrightwood Ave., Chicago, Ills.—Switches; safety rim sockets; lock switches.
WALKER'S—Walker's Service, 247 Scott St., San Francisco, Calif.—Receiving sets, insulating liquid.
WALNART—Walhart Electric Mfg. Co., Chicago, Ills. — Condensers, sockets; inductance switches; grid resistances, vernier adjusters, dials, rubber or composition.
WARD—Ward Mfg. Co., 937 Wellington St., Chicago, Ill.—Soldering irons.
WARE—Ware Radio Corp., 529 W. 42nd St., New York City—Receiving sets.
WARE—Ware Vise Co., Capital Bank Bldg., St. Paul, Minn.—Bench vises.
WARREN — Warren Radio Phone Mfg. Co., Warren, R. I.—Phones.
WARREN—Ve-De-Co., Radio Mfg., Asbury Park, N. J.—Loop aerials.
WARREN'S STRAIGHT LINE LOW LOSS CONDENSERS—Warren Radio Corp., 52 Vanderbilt Ave., New York City.—Variable condensers.
WASHINGTON RADIO NEWS SERVICE — Washington Radio News Service, 3207 Cleveland Ave., Washington, D. C.—News.

WASHERS

Campbell Fibre Company, Stanton, Delaware.
 Chicago Nut Mfg. Company, 109 Lafayette St., New York City.
 Chicago Nuts Mfg. Co., 2513 W. Culbertson St., Chicago, Ills. **CHICAGO**.
 Electrical Research Labs., 2500 Cottage Grove Ave. Chicago, Ills. **ERLA** Flat, nickeled washers. No. 6.
 R. B. Field & Company, 10 Clarence St., Worcester, Mass. **FIELDCO** Leather, paper, fibre, felt, cork.
 Monarch Felt Works, Inc., 39 York St., Brooklyn, N. Y. Felt, Cork.
 The National Lock Washer Company, 40 Harmon St., Newark, N. J. Lock. **NATIONAL**.
 Pheoll Mfg. Company, 5700 Roosevelt Road, Chicago, Ills. **PHEOLL**.
 Positive Lock Washer Company, Ave. A. and Miller St., Newark, N. J. **POSITIVE** and **PLAIN**. Steel or Phosphor Bronze, 20c to \$10.00 per thousand.
 Reliance Mfg. Company, Massillon, Ohio. **RELIANCE**.
 Steele & Johnson Company, 779 Main St., Waterbury, Conn. S. & J. Brass and Copper.
 Waterbury Mfg. Company, 236 Grand St., Waterbury, Conn. (Brass).
 Weber Electric Works, Brooklyn Station, Cleveland, Ohio. Brass, Nickel Plated.

WATERBURY

WATERBURY — Waterbury Mfg. Co., Waterbury, Conn.—Eyelets.

WATERTOWN — Watertown Mfg. Co., Watertown, Conn. — Dials, rheostat and binding post knobs, vacuum tube sockets, specialties.

WAUGH—J. W. Waugh, 25 Montgomery St. No., Trenton, N. J.—Receiving sets.

WAVE METERS

General Radio Company, 30 State St., Cambridge, Mass. **GENERAL RADIO COMPANY.** Type 224, \$220.00; Type 174, \$68.00; Type 247-W, \$10.00; Type 305, with filter, \$25.00.

WAVE TRAPS

Atec Products Company, 536 W. Elm St., Chicago, Ills. **ATEC SELECTOR.**

Atchison Radio & Electric Company, Atchison, Kans. **ATCHISON.**

Baldwin-Pacific Company, Pacific Bldg., San Francisco, Calif. **BALDWIN-PACIFIC.** Wave Traps. (Noise-Filter). \$6.50.

A. E. Hill Mfg. Company, 80 Mangum St., Newark, N. J. **ACCURAFORMER.**

The Mydar Radio Company, 9 Campbell St., Newark, N. J. **ACCURATONE.** Auxiliary Control.

Nolte Mfg. Company, 61 Gautier Ave., Jersey City, N. J. **THE NOLTE TRAP.** In Keritol cabinet.

Pentz Radio Factory, 207 S. 5th St., Minneapolis, Minn.

Pennsylvania Wireless Mfg. Company, Newcastle, Penna. **PENN C.**

Pfanstiehl Radio Company, 11 S. La Salle St., Chicago, Ills. **PFANSTIEHL SILENCER,** Cabinet Type, \$8.00.

Steinite Laboratories, 504 S. State St., Chicago, Ills. Interference Eliminators. \$1.00.

S. A. Twitchell Radio Company, 1925 Western Ave., Minneapolis, Minn. **THE TWITCHELL.**

The George W. Walker Co., Cleveland, Ohio. **VICTOREEN RADIO PRODUCTS.** Type WT, \$1.25.

WAVO—Maxum Radio & Elec., 54th and Woodland Ave., Philadelphia, Pa.—Transformers, condensers, lightning arresters.

WAVOLA—Maxum Radio & Electric Co., 54th and Woodland Ave., Philadelphia, Pa.—Receiving sets.

WESTPHAL

WAVE-O-DYNE — Walter Lytton, Inc., Lytton Bldg., Chicago, Ills.—Receiving sets.

WAX

Dicks-Pontius Company, 123 Wayne Ave., Dayton, Ohio. Battery and insulating waxes.

W.B.—Whitney Blake Co., New Haven, Conn.—Insulated wire.

W D 11—Radio Corporation of America, New York City.—Tubes.

W D 12—Radio Corporation of America, New York City.—Tubes.

WEARITE—Wearite Storage Battery Co., 107 Delancey St., Philadelphia, Pa.—“A” storage batteries.

WEBER — Weber Electric Works, Cleveland, Ohio.—Loops.

WEL BILT—Friedlander-Kopple Radio Service, 149 Church St., New York City.

WELLS—A. H. Wells & Co., 563 Watertown Ave., Waterbury, Conn.—Brass and copper tubing.

WELLS—Wells Mfg. Co., Fond-du-Lac, Wis.—Receiving sets.

WELSH PEANUT TUBE — The Welsh Electric Lamp Corp., 66 Boylan St., Newark, N. J.—Detector tubes.

WERNER VARIABLE RADIO LOOP—Werner Radio Mfg. Co., 204 Ninth St., Brooklyn, N. Y.—Aerials.

WERNER—Werner Radio Mfg. Co., 204 Ninth St., Brooklyn, N. Y.—Transformers.

WESTERN—Western Rubber Mold Co., 909 W. 19th St., Chicago, Ill.—Battery chargers.

WESTBURR SIX—Westburr Inc., 250 W. 54th St., New York City.—Portable receiving sets.

WESTINGHOUSE — Westinghouse Mfg. Co., East Pittsburgh, Pa.—Battery chargers.

WESTINGHOUSE—Westinghouse Union Battery Co., Swissvale, Pa.—“A” and “B” batteries.

WESTMINSTER — Davenport-Hickory Corp., 327 S. La Salle St., Chicago, Ills.—Receiving sets.

WESTON—Weston Electrical Instrument Co., 178 Weston Ave., Newark, N. J. — Thermo-ammeters, thermo galvanometers, plate voltmeters, filament voltmeters, milliammeters, ammeters, plate milliameters, multipliers, phone plugs.

WESTPHAL ADAPTER—Westphal Mfg. Laboratory Co., 80 East Jackson Blvd., Chicago, Ills.—Phonograph adapters, flexible spaghetti tubing.

WESTPHAL'S

- WESTPHAL'S FLEXIABLE** — Westphal's Mfg. Lab., 224 E. Jackson Blvd., Chicago, Ill.—Spaghetti tubing.
- WESTWYRE**—The Westwyre Co., Co., 283 Elm St., Westfield, Mass.—Variable condensers, dials, switch units, contacts, binding posts, sockets, jacks, battery switches.
- W-FILAMENT** — Federal Tel. & Mfg. Corp., Buffalo, N. Y.—Jacks.
- WHEELER**—Wheeler Mfg. Co., 970 Montanna St., Chicago, Ill.—Loop aeriols.
- WHISKERS, CAT** (see Cat whiskers)
- WHITAKER**—G. S. Whitaker, 8 Colborne St., Toronto, Canada.—Crystals.
- WHITALL**—Whitall Radio Co., 225 Worthington St., Springfield, Mass.—Sockets.
- WHITALL** — Whitall Radio Co., Springfield, Mass.
- WHITE**—O. C. White Co., 17 Hermon St., Worcester, Mass.—Condensers, variable.
- WHITE BEAUTY**—White Beauty Electric Co., 4416 Western Ave., Chicago, Ill. — Soldering irons, loud speakers, loud speaking units, transformers, soldering outfit, soldering irons. audio frequency transformers.
- WHITE RADIO** — White Radio Corp., 1841 Broadway, New York City.—Receiving sets.
- WHITESTONE** — G. Boissonault Co., Inc., 365 Canal Place at 141st St., New York City.—Receiving sets.
- WHITTLESEY** — The Whittlesey Engineering Co., Cleveland, Ohio.—Aerial supports.
- WIDE WORLD**—Big Three Radio Corp., 16 Hudson St., New York City.—Receiving sets.
- WILBUR** — Kellogg Switchboard & Supply Co., 1066 W. Adams St., Chicago, Ill.—Insulating varnish.
- WILCOX** — Wilcox Laboratories, Lansing, Mich. — Potentiometers, rheostats.
- WILKENS**—Wilkins Electric Mfg. Corp., 52 Orawaupum St., White Plains, N. Y.—Braided wire, assemblies.
- WILKEN'S**—Wilken's Elec. Mfg. Corp., White Plains, N. Y.—Wire.
- WILLARD**—Willard Storage Battery Co., Cleveland, Ohio—Storage "A" and "B" batteries, chargers.
- WILMINGTON** — Wilmington Fibre Specialty Co., Wilmington, Del.

WIRE

- WINCHESTER** — Winchester Repeating Arms Co., New Haven, Conn.—"B" batteries.
- WINDHAM**—The Goyer Co., Willimantic, Conn.—Variable condensers, rheostats, switch arms, inductance switches, vernier dials, wire formers.
- WINDING MACHINERY** (see Machinery)
- WINDSOR**—Windsor Furniture Co., 1420 Carroll Ave., Chicago, Ill.—Cabinets, loud speaker consoles, tables.
- "WINSTED"**—A. T. Smith Electric Co., Inc., Winsted, Conn.—Transformers.
- WIPPEL-RAINE** — Wipple-Raine, Cincinnati, Ohio.—Receiving sets.
- WIRACO**—Witteak Radio Company, 2153 N. Halsted St., Chicago, Ill. — Receiving sets, grid locks, mountings.
- WIRE SKINNERS** (see Tools, hand)
- WIRE**
The Acme Wire Company, New Haven, Conn. ACME. Aerial; Silk and Cotton Covered Magnet; Enamelled Magnet. CELATSITE wire, (tinned copper with spaghetti covering.) Antenna, enameled, stranded.
- Allied Magnet Wire Corp., Indianapolis, Ind. ALLIED Magnet in "Red headed spools." Enamelled S. C. C., S. S. C., D. C. C., and D. S. C.
- Alloy Sales Co., Laurel Springs, N. J. Copper Clad, Nickel.
- Alpha Radio Supply Company, Cable Bldg., 611 Broadway, New York City. ALPHA Spaghetti covered. flexible stranded. 5 colors, others to order, all sizes.
- The American Brass Company, Waterbury, Conn. AHBAC. ANACONDA.
- American Elec. Steel Corp., 342 Madison Ave., New York City. Nickel ribbon wire.
- American Enamelled Magnet Wire Company, Muskegon, Mich. Enamelled Magnet, Aerial. Cotton and Silk Magnet Wire.
- American Insulated Wire & Cable Company, 924 W. 21st St., Chicago, Ill. AMERICAN. Stranded copper antenna; magnet; enamelled copper; plain. Bare.
- American Kreuger & Toll Corp., 114 Liberty St., New York City. Molybdenum Kremenetzky.

WIRE (Continued)

American Luminous Products Company, 320 Marbrisa Ave., Huntington Park, Calif. AIRLINE. Aerial Wire GOSILCO No. 14 copper over which is applied a heavy burnished silver plate followed by plate of 24 karat gold. 6 cents per foot; GOSILCO Silver Plate on copper with finish plate of Gold. Aerial. ff

American Steel & Wire Company, 208 La Salle St., Chicago, Ills. AMERICAN. Antenna Wire; Radio Wire Rubber Covered Americore; Radio Wire, Copper; Lead-in Wire; Americore; Copper Wire; Rubber Covered Wire; Flexible Cords; Battery Wire; Americore; Battery Cable Americore.

American Solder & Flux Company, 2910 North 16th St., Philadelphia, Penna. Self Fluxing. Wire solder rosin, acid, tinolcore.

Atlantic Insulated Wire & Cable Company, Rome, N. Y. ATLANTIC. Magnet Wire, Busbar, Antenna, Copper.

Belden Mfg. Company, 23rd St., and Western Ave., Chicago, Ills. Aerial, Aerial enameled, Bus Bar, High Frequency-Litz, Hook-up, Magnet, Magnet Enameled, Panel Connecting, Rubber Covered Tinned. Loop Antenna, Shielded Lead-in, Ground Annunciator, Flexible Lead, Bare Copper Aerial, Enameled Copper Antenna, Single Strand, seven Strand, 16 Strand.

Bridgeport Brass Company, Bridgeport, Conn. BRIDGEPORT. Bronze.

Chase Metal Works, 230 Grand St., Waterbury, Conn. CHASE.

The Chase Shawmut Company, Newburyport, Mass. SHAWMUT. Fuse.

Consolidated Wire & Associated Corp., Green and Congress Sts., Chicago, Ills. Aerial, Insulated, Magnet, Resistance Wires.

Edward N. Cook Plate Company, 70 Ship St., Providence, R. I. Bus-Bar.

Copperweld Steel Company, Brad-dock P. O., Rankin, Penna, Aerial. COPPERWELD. (Also lead-in and ground wire.) Line wire. (Burl, weather proof rubber covered.)

Cornish Wire Company, 30 Church St., New York City. CARWICO. magnet, aerial, bus-bar, Litz, loop, annunciator.

Davis Jones Insulated Wire Company, Pawtucket, R. I. DAVIS JONES. Rubber covered.

WIRE

Dudlo Mfg. Company, Wall St., Fort Wayne, Ind. Litzendraht. Magnet, Antenna, Busbar, and Pegtail.

Electric Steel Company of America, Inc., 487 Broadway, New York City. Pure nickel wire; pure nickel wire ribbon for tubes.

Essex Mfg. Company, Newark, N. J. Bus-Bar SKWAREFLEX SQUARE TINNED, \$15.00 M feet, ROND FLEX ROUND TINNED, \$14.00 M feet.

Forman & Company, 366 Greenwich St., New York City. UN-X-LD. Bus-Bar Spaghetti covered, 14 gauge square, \$5.25 C. lengths.

William Frank, 25 West 42nd St., New York City. Thoriated Filament.

General Radio Company, Cambridge, Mass. GENERAL RADIO CO. Hot.

Goodyear Rubber Insulating Company, 105 E. 131st St., New York City. "GRICO." Rubber insulated, special radio wires, and special wiring harnesses of all types.

Goodrich-Lenhart Mfg. Company, Hamburg, Penna. GOODRICH-LENHART. Braided, Stranded and Woven.

Halstead Wire Company, Inc., 530 Henry St., Rome, New York. Phosphor. Bronze.

Herpers Bros. 18 Crawford St., Newark, New Jersey, Silver, platinum, and gold. (Made to order only.)

Homer Smith, 25 West 42nd St., New York City. THORIATED. Tungsten Wire.

The Hoskins Mfg. Company, 4435 Lawton Ave., Detroit, Mich. CHROMEL. Resistance Wire.

U. T. Hungerford Brass & Copper Company, 80 Lafayette St., New York City. STAR BRAND. Aerial. Phosphor Bronze.

Jordan & Wilds, 305 Bway., New York City.

Howard B. Jones, 614 South Canal St., Chicago, Ills. For Battery connection in one cable. JONES CABLE. MULTI-PLUG.

Kellogg Switchboard & Supply Company, 1066 W. Adams St., Chicago, Ills. Celatsite, Copper, Spaghetti Covered.

Lamp & Wire Prod. Company, Inc., 18 Clinton Ave., West Orange, N. J. TETRAMET. lead in wire—THORALLOY—filament wire.

Maring Wire Company, Muskegon, Mich., Magnet, MARING. PROCESS.

New England Electric Works, Lisbon, N. H. Magnet; aerial antenna, loop antenna; lead wire; high frequency wire.

WIRE (Continued)

Parker-Aeolus Corp., 161 Grand St., New York City. Bus-Bar.

Pheoll Mfg. Company, 5700 Roosevelt Rd., Chicago, Ills. PHEOLL.

Philmore Mfg. Company, 105 Chambers St., New York City. AJAX. Bus bar.

Ports Mfg. Company, 3305 Belmont Ave., Fresno, Calif. PRMCO. Magnet, Resistance, Rubber Covered. Aerial.

Radio Electric Mfg. Company, 442 Clinton St., Newark, N. J. AIR-TRAM. Enameled copper antenna. Rubber covered, single stranded copper antenna, stranded copper antenna, tinned copper antenna, stranded; stranded enameled, single solid enameled, stranded copper enameled, single strand copper, lead-in, ground, solid antenna bare, solid antenna enameled.

Radio Electrical Works, 23 Union Square, New York City. Thoriated, molybdenum, electronic emitting wires and plates.

Revolute Wire Company, Hastings-on-Hudson, N. Y. REVOLUTE. Bare and Enameled.

Ross Wire Company, 69 Bath St., Providence, R. I. Braided, Stranded and Solid Antenna. RACO. Copper, tinned copper, and enameled copper. Litz, loops, lead-in ground.

Runzel-Lenz Electrical Mfg. Company, 1751 North Western Ave., Chicago, Ills. Loop aerial wire.

Russell Fraser Wire Company, Maspeth, L. I., N. Y. AJAX. Magnet, aerial, bus-bar; Litz, annunciator, detector.

Springfield Wire & Tinsel Company, 67 Taylor St., Springfield, Mass. SPRINGFIELD. Aerial, 16 stranded braided, antenna, \$2.50 per 100 ft.

Standard Alloy Wire Company, Elizabeth, N. J. Rheostat Wires.

Standard Underground Cable Company, 17th & Pike Sts., Pittsburgh, Penna. STANDARD. Aerial, bronze, copper, copperclad, magnet.

Sterling Insulated Wire Company, Pawtucket, R. I. STERLING. Cotton and Silk Covered.

The Super-Insulated Wire Company, 115 Sandwich St., Plymouth, Mass. Magnet, Resistance, Litz; Silk and Cotton covered; Enameled.

Superior Coil Company, Harwichport, Mass. Litzendraht. Per ft. 1c.

WORKRITE

Triple-A-Specialty Company, 628 West Jackson Blvd., Chicago, Ills. Rubber and fabric covered.

Utica Products, Inc., 1101 Burrstone Rd., Utica, N. Y. Aerial.

Ed. F. Volkmer, 797 Greenwich St., Cor. 12th St., New York City. WELDS. Lead-in wires for vacuum tubes.

Whitney Blake Company, New Haven, Conn. W. B. Rubber insulated, special radio wires and special wiring harnesses of all types.

Wilkins Elec. Mfg. Corp., White Plains, N. Y. WILKEN'S. Bus-Bar.

WIRE NUTS—Tork Co., Inc., 8 W. 40th St., New York City. Wire connections.

WIRED WIRELESS.—W. W. Manufacturing Co., 2498 Kingston Rd., Cleveland, Ohio.—Antenna plugs.

WIRELESS SHOP—Wireless Shop, 150 Glendale Blvd., Los Angeles, Calif. — Condensers, amplifying units, radio and audio-transformers, sockets, variable condenser, bezels, dials, switches, reflex transformers, spider frames, tubes.

WITHERBEE—Witherbee Storage Battery Co., Inc., 2 West 81st St., New York City—Storage batteries.

WONDER—R-U-F Products Co., 292 Liberty Ave., Brooklyn, N. Y.—Crystals.

WONDER, THE—Wells Park Wonder Horn Mfg. Co., 4317 N. Western Ave., Chicago, Ills.—Loud speakers, loud speaker units.

WOODEHORN—Inter Ocean Radio Corp., 205 10th St., Jersey City, N. J.—Horns.

WOOD WORKERS CLEARING HOUSE.—Wood Workers Clearing House, 431 S. Dearborn St., Chicago, Ills.—Cabinets.

WORKRITE—The Workrite Mfg. Co., 1812 E. 30th St., Cleveland, Ohio.—Resistance cartridges, air core transformers, dials, rheostats, hydrometers, loud speakers, switch sets, variometers, variocouplers, sockets, binding posts, switch points, condensers, head sets, dials, tuners, tuning coils, receiving sets.

WORKRITEFORMER—The Workrite Mfg. Co., 5518 Euclid Ave., Cleveland, Ohio.—Air core transformers.

WORK-RITE

WORK-RITE-RESISTANCE CARTRIDGE—Work Rite Mfg. Co., 1812 E. 30th St., Cleveland, Ohio.—Resistance elements.

WORK-RITE RADIO KING—Work Rite Mfg. Co., 1812 E. 30th St., Cleveland, Ohio.—Receiving sets.

WORK-RITE SUPER VERNIER RHEOSTAT — Work-Rite Mfg. Co., 1812 E. 30th St., Cleveland, Ohio.—Rheostats.

WORLDS—Worlds Record Coils Co., 464 6th St., San Pedro, Calif.—Coils.

WORNER HETEROPLEX, THE—Heteroplex Mfg. Co., formerly Elvin Radio Mfg. Co., 423 Market St., Philadelphia, Pa.—Receiving sets.

WRC—Worlds Record Coils Co., 464 Sixth St., San Pedro, Calif.—Tuners, tuning coils.

W.R.C.—Wireless Radio Corp., 182 Lafayette St., New York City.—Parts.

X-L—Excel Radio Mfg. Co., 476 Wyckoff Ave., Brooklyn, N. Y.—Condensers, variable.

XL—Radio Labs., 2424-26 Lincoln Ave., Chicago, Ill.

X—X Laboratories, 25 W. 45th St., New York City.—Dials, knobs, plugs, receiving sets.

YAGER'S — Alexander R. Benson Co., Inc., Hudson, N. Y.—Soldering salts, flux, pastes.

YALE—Yale Radio Electric Co., 1111 Wall St., Los Angeles, Calif.—Crystal detectors, low loss coils.

YALE—Yale Elec. Corp., Pearl and Tillary Sts., Brooklyn, N. Y.—Storage batteries.

YALE—Yale Battery Co., Pearl & Tillary Sts., Brooklyn, N. Y.

YANKEE—North Bros. Mfg. Co., American St. & Lehigh Ave., Philadelphia, Pa.—Screw drivers, bus bar bending tools, bench vises, hand and breast drills.

YANKEE—Yankee Radio Mfg. Co., 1615 Stiles St., Philadelphia, Pa.

ZENITH—Zenith Radio Corp., 332 S. Michigan Ave., Chicago, Ill.—Receiving sets.

ZENITHA BATTERY—New York Pacific Battery Co., 646 W. Washington St., Los Angeles, Calif.—Batteries.

ZIED—J. Zied, 530 Callowhill St., Philadelphia, Pa.—Batteries, "B" storage.

ZINC

WRIGHT AUDIO—Wright Mfg. Co., 1466 Selby Ave., St. Paul, Minn.—Amplifiers.

WRIGHT—H. Earle Wright, Inc., 415 E. 8th St., Los Angeles, Calif.—Receiving sets.

WRIGHT - KEYSTONE - GRID — Wright Battery Co., 906 Leith St., Flint, Mich.—"A" batteries.

WRIGHT RADIO PROD. CO.—H. Earl Wright Co., San Francisco, Calif.—Rheostats, amplifiers, arresters, resistance, elements.

WRIGHT RADIO TABLE—Wright Radio Mfg. Co., 1466 Selby Ave., St. Paul, Minn.—Tables.

WUBCO—Westinghouse Union Battery Co., Swissvale, Pa.— Battery chargers, "A" and "B" batteries.

WURLITZER RADIOS — The Rudolph Wurlitzer Co., Cincinnati, Ohio.—Receiving sets.

X

X LABORATORIES — X Laboratories, 25 W. 45th St., New York City.—Variable vernier condensers, rheostats.

X-RAY—Martin Hewitt Laboratory, 40 Firth Ave., Maspeth, N. Y.

Y

YANKEE—Yankee Tube Corp., 185 Clinton Ave., Newark, N. J. — Tubes.

YAXLEY—Yaxley Mfg. Co., 217 N. Desplaines St., Chicago, Ill.—Rheostats, condensers, potentiometers, units, jacks, plugs, switches, dials, knobs.

YOUNG—Young Mfg. Co., 725 N. Second St., Beloit, Wis.—Cabinets, wood.

YOUNG'S CHALLENGE—Clarence F. Young, 907 Sunnyside Ave., Chicago, Ill.—Receiving sets.

YUNCK—Yunck Glass Mfg. Corp., 571 Forest St., Orange, N. J.—Glass Blanks.

Z

ZIERICK—F. R. Zierick Machine Works, 6 Howard St., New York City.—Connectors, ground clamps, lugs.

ZINC

Platt Bros. & Company, Waterbury, Conn. Strip zinc for condenser plates.

ADDENDA

Containing Listings Received Late

AAA

AAA—E. C. Atkins & Co., S. Meriden St., Indianapolis, Ind.—Hack saw frames, hack saw blades, screw slottings, saws, circular saws, band saws.

AB CO.—American Braiding Co., Holyoke, Mass. — Cords, phone cords, lacings, battery cables, terminals.

ABRASIVE—Abrasive Co.—Philadelphia, Pa.—Grinding wheels, polishing grain.

AERIALS

(Indoor, outdoor, patent, kits.)
Apex Stamping Company, Riverdale, Ills. ribbon Antenna. JIFFY. \$1.50.

Electrad, Inc., 428 Broadway, New York City. ELECTRAD. Lamp socket antenna. 75c.

Kladag Radio Laboratories, Kent, Ohio. KLADAG. Knock-down. Loop \$7.50.

Peerless Light Company, 663 West Washington Blvd., Chicago, Ills. PEERLITE. Loop.

The Portable Globe Aerial Company, P. O. Box 505, Prairie Du Chien, Wis.

AMCO—American Solder & Flux Co., 2910 No. 16th St., Philadelphia, Pa.

AMMETERS

Beede Electrical Instrument Co., Pennacook, N. H. BEEDE. Pocket. John L. Madsen, 98 Park Pl., New York City. Voltmeters.

BATTERIES, A, STORAGE

Globe Electric Company, 19 Keefe Avenue, Milwaukee, Wis. GLOBE. \$14.10 to \$43.00.

Mazda Radio Mfg. Company, 3411 Perkins Avenue, Cleveland, Ohio. MUZADA.

Oxidite Battery Company, 1485 Marshall Avenue, St. Paul, Minn. OXIDITE. 24 volt units. "A" from 90 to 170 amps.

Plaza Music Company, 10 W. 20th St., New York City. FINE-ARTS.

Simmons Mfg. Company, 3405 Perkins Ave., Cleveland, O. MUSADA.

BATTERIES, B, DRY CELL

Rosbach Mfg. Company, 196 Canal St., New York City.

CINMOCO

BATTERIES, B, STORAGE

Globe Electric Company, 14 Keefe Ave., Milwaukee, Wisc. GLOBE. \$7.50 to \$15.00.

Mazda Radio Mfg. Company, 3411 Perkins Ave., Cleveland, Ohio. MUZADA.

Plaza Music Company, 10 W. 20th St., New York City. FINE-ARTS.

Simmons Mfg. Company, 3405 Perkins Ave., Cleveland, Ohio. MUZADA.

BATTERY CHARGERS

Detroit Battery Charger Corp., 2633 Willis Ave. E., Detroit, Mich.

Quality Radio Shop, Richmond, Ind. A B Activiator \$15.00.

BATTERY TAGS

Mr. Walter Swegart, 1146 Wabash Ave., Chicago, Ills. SWEGART. Acid Proof. Battery Tags.

BINDING POSTS

Magnus Electric & Radio Mfg. Corp., New York City. MAGNUS. 80-A, 0c; Composition 820, 0c; Double 819, 15c; Nickle-plated, 80, 10c.

CABINETS

Hughesville Furniture Company, Hughesville, Pa.

Julian Kahn, 469 7th Ave., New York City. Built to order or in stock.

Pentz Radio Factory, 207 So. 5th St., Minneapolis, Minn. PENTZ-LYNE. (Made to order.) Battery.

Plaza Music Company, 10 W. 20th St., New York City. FINE ARTS. Consoles and highboys.

Radio Products, Richmond, Ind. DIS-TON. Receiving cabinets. \$6.00 to \$30.00.

H. H. Woods, 910 Irving Park Blvd., Chicago, Ills.

CASES

Knickerbocker Case Company, Fulton and Clinton Sts., Chicago, Ills. MADE RIGHT. Carrying cases for portable radio sets.

CASTINGS

Buffalo Foundry & Mach. Company, Buffalo, N. Y. BUFOVAK. BUFOLOKAST. Grey Iron and semi-steel.

CINMOCO—Cincinnati Molding Co., 2037 Flower Ave., Cincinnati, Ohio. —Molded Insulation.

COILS

The All-Henry Coil Company, Norwalk, Calif. ALL-HENRY. Basket weave. Made in three types; for .00025 condenser; for .00035 condenser, for .0005 condenser. Roberts Unit, second position, 3RU3 \$5.00; 2RU3, \$5.00; 1RU3, \$5.00; Brown-ing-Drake Unit, second position, 3BD3, \$4.50; 2BD3, \$4.50; 1BD3, \$4.50; Antenna coupler for above units. 3RC2, \$2.50; 2RC2, \$2.50; 1RC2, \$2.50.

Cribben Radio Corp., 961 Montana St., Chicago, Ills.

Easton Coil Company, Easton, Pa.
Hammarlund Mfg. Company, 144 W. 18th St., New York City. Neurodyne, tuned radio frequency. Roberts.

Precision Coil Company, 209 Centre St., New York City. PRECISION INDUCTO. PRECISION R-F. PRECISION AUTODYNE.

Quality Radio Shop, 610 National Road, West, Richmond, Ind. QUALITY HI POWER. Choke. \$1.20 to \$8.50. Torroidul \$1.75 and \$2.90.

Radio Foundation, Inc., 25 West Broadway, New York City. DOUBLETOROID. \$2.75.

Radio Receptor Company, 106 Seventh Ave., New York City. RE-CEPTRAD CCL. Choke. For audio amplification. \$3.00.

R. C. Schoonhoven, 308 Seneca St., Elgin, Ills. RAYCOILS. A, for Reinartz circuit, \$2.50; D, for radio frequency circuits, \$2.00.

CONDENSERS, VARIABLE

Caldbeck Tool & Mfg. Company, 307-11 E. Third St., Des Moines, Iowa. DEMCAL.

Federated Manufacturers' Corporation, 905 Mission St., San Francisco, Calif. FEDROLIAN. Straight line frequency.

Gray Bros., Plane, Ills. GRAY. Straight line frequency. 16 plate, capacity, .00035.

Hammarlund Mfg. Company, 144 W. 18th St., New York City. Plain, vernier. "Midget," transmitting, multiple. Straight line frequency condensers.

Karas Electric Company, 4040 N. Rockwell St., Chicago, Ills. KARAS ORTHOMETRIC. Straight line frequency.

Magnus Electric & Radio Mfg. Corp., 785 E. 138th St., New York City. MAGNUS. Plain, No. 913. 13 plate, \$2.00; 17 plate, \$2.50; 23 plate, \$2.75; 43 plate, \$4.00; Vernier, No. 916. 16 plate, \$4.25; 26 plate, \$4.50; 46 plate, \$5.00.

DIALS**CONTACT POINTS**

Magnus Electric & Radio Mfg. Corp., 785 E. 139th St., New York City. MAGNUS. No. 81, 5c; No. 82, 5c.

COUPLERS

Quality Radio Shop, Richmond, Ind. QUALITY. Super Heterodyne Oscillator. \$3.00 to \$5.50.

CRYSTALS

Herzog Radio Corp., 718 Atlantic Ave., Brooklyn, N. Y. HERZOG. Fixed crystal detectors.

CURRENT SUPPLY DEVICES

(For operating receiving sets using current from lighting circuit for A or B battery circuits.)

Federated Manufacturers' Corporation, 905 Mission St., San Francisco, Calif. FEDROLIAN.

Kladag Radio Laboratories, Kent, Ohio. KLADAG MINUTE MAN "B" ELIMINATOR. \$37.00.

Lester Radio Electric Shop, 140 S. Spring St., Los Angeles, Calif. J. C. LESTER. "A" and "B" eliminators.

Pioneer Radio Corp., Galesburg, Ills. PIONEER.

Quality Radio Shop, Richmond, Ind. "No Mor B." \$18.00.

Roth Radio Company, 88 West Broadway, New York City. MEL-ODEE. "B" Battery eliminator. \$21.00 list.

CUSHIONS, TELEPHONE EAR.

Illinois Radio Company, 800 South 4th Street, Springfield, Ills. ILLINOIS.

DIALS

(Composition, bakelite, hard rubber, glass; plain and vernier types.)

Federated Mfrs. Corp., 905 Mission St., San Francisco, Calif. FEDROLIAN. Bakelite.

Federated Manufacturers' Corporation, 905 Mission Street, San Francisco, Calif. FEDROLIAN.

Karas Electric Company, 4040 N. Rockwell Street, Chicago, Ills. KARAS MICROMETRIC.

Kurz Kasch Company, Dayton, Ohio, K.K. Vernier, 4in. Converter or straight line frequency control. Bakelite—Black, Walnut, mahoganized, white, silver or gold graduations.

Magnus Electric and Radio Manufacturing Corp., 785 E. 138th Street, New York City. MAGNUS. 40c; 937—Bakelite 4in. dial 75c.

Penberthy Injector Company, Detroit, Mich.

Pioneer Radio Corp., Galesburg, Ills. PIONEER. Bakelite. 4 in.

Stag Sales Corp., 105 W. 40th Street, New York City.

DUPLEX

DUPLEX — W. B. McMasters, Wheeling, West Virginia. Phonograph attachments.

ENGRAVINGS.

(Emblems, markers, transfers, etc.) Crowe Name Plate Company, 1749 Grace St., Chicago, Ills. Name plates.

Photo Plating Company, Minneapolis, Minn.

Quality Radio Shop, Richmond, Ind. **RADIO BUGS.** 12c and 25c.

FOOTE—Foote Radio Corp., 107 N. 19th St., Philadelphia, Pa.—Crystals, detectors.

FROST RADIO TUBE CONTROL UNIT.—Herbert Frost, Inc., Superior St., Chicago, Ills.—Rheostats, potentiometers.

FYNUR—August Goertz & Co., Inc., 270 Morris Ave., Newark, N. J.—Vernier control.

FUSESLODY—Bussman Mfg. Co., 3819 No. 23rd St., St. Louis, Mo.—Fuses.

GRID LEAKS.

(Fixed, variable, adjustable).

Colytt Labs., 65 W. Washington St., Chicago, Ills. With and without condenser; variable type.

Magnus Elec. & Radio Mfg. Corp., 785 E. 139th St., New York City. Variable. **MAGNUS.** No. 834. \$1.85; No. 838, \$1.50

Quality Radio Shop, Richmond, Ind. Variable carbon disc. **QUALITY.** \$1.25.

HORNS.

(Composition, paper, metal, etc.)

Parcells & Company, 68 W. Washington St., Chicago, Ills.

Stevens & Company, 46 E. Houston St., New York City.

HYDROMETERS.

W. Guild, 38 Clinton St., Newark, N. J. **GOLD LABEL.** 75c. Extra floats, 25c and 40c.

Radio Panel & Parts, 59 Warren St., New York City. **INSULINE.**

Roth Radio Company, 88 W. Broadway, New York City. **VICTOR.** \$1.00 list, net. 40c.

The Workrite Mfg. Company, 1812 E. 30th St., Cleveland, Ohio. **WORKRITE.** Type A, 75c.

INSULATION.

Campbell Fibre Co., Stanton, Del. Bakelite dials, sheets, moulded shapes, stamped washers and other shapes. Aboroid insulation sheets and stampings of all shapes. Vulcanized tubes, washers and discs.

Diamond State Fibre Company, Bridgeport, Penna. **CELERON.** Fibre. Sheets, tubings, rods.

LIGHTNING ARRESTERS**INSULATORS.**

(Composition, glass, porcelain, etc.) **Magnus Elec. & Radio Mfg. Corp.**, 785 E. 138th St., New York City.

MAGNUS. Aerial. Composition No. 828, 10c.

The Mogadore Insulator Co., Mogadore, O. Porcelain Antenna Insulators.

J. H. Parker & Son, Inc., Parkersburg, W. Va. **PARKSON.**

JACKS.

(Single, double, multiple circuit, open, closed, automatic, etc.)

Federated Manufacturers' Corporation, 905 Mission St., San Francisco, Calif. **FEDROLIAN.**

Magnus Elec. & Radio Mfg. Corp., 785 E. 138th St., New York City.

MAGNUS. Single open circuit. No. 861, 50c; double circuit jack. No. 862, 60c.

JACK SPACERS.

The American Hard Rubber Company, 11 Mercer St., New York City. **RADION.**

KITS.

(For more complete data see various classifications for completed units.)

Federated Manufacturers' Corporation, 905 Mission St., San Francisco, Calif. **FEDROLIAN.** 2-tube reflex; 5-tube tuned radio frequency; 6-tube tuned radio frequency kit with resistance coupled amplifier.

Kladag Radio Laboratories, Kent, O. **KLADAG.** **MINUTE MAN B ELIMINATOR.** \$33.00.

The Work Rite Mfg. Company, 1812 E. 30th St., Cleveland, O. **WORKRITE.** Neutrodyne outfit complete, \$70.00; with cabinet, \$80.00. **DELUXE Kit**, \$25.00.

DELUXE Kit, \$25.00.

DELUXE Kit, \$25.00.

KNOBS.

Alden Mfg. Company, 52 Willow St., Springfield, Mass. **NA-ALD.**

Bakelite. II. K3674, 30c; K3843, 20c.

Federated Manufacturers' Corporation, 905 Mission St., San Francisco, Calif.

Kurz-Kasch Company, Dayton, Ohio. K. K. Pointer, plain, arrow, black, walnut, mahoganized, white, silver or gold graduations.

Magnus Elec. & Radio Mfg. Corp., 785 E. 138th St., New York City.

Composition. **MAGNUS.** No. 822. large composition, 10c; No. 821. small, 4c; knob bakelite, 20c list.

LIGHTNING ARRESTERS.

J. H. Parker & Son, Inc., Parkersburg, W. Va. **J. H. "PARKSON."**

LOUD SPEAKERS.

(Horn, disc, cabinet type, etc.)

Herzog Radio Corp., 722 Atlantic Ave., Brooklyn, N. Y. **HERZOG.** Cone type.Keystone Engineering Company, 514 W. 57th St., New York City. **GOLDENTONE.** \$25.00. **POPULAR,** \$12.50.

Magnus Elec. & Radio Mfg. Corp., 785 E. 138th St., New York City. No. 866. Adjustable.

Mersman & Co., Ottawa, Ohio. **MERSMAN.**Newhall Chain Forge & Iron Company, 90 West St., New York City. **VESPER.**

Parcells & Company, 68 W. Washington St., Chicago, Ills. "TEMPLE." Horn Type, Model R, \$21; Cabinet type, Model C, \$31.

Peerless Light Co., 663 W. Washington Blvd., Chicago, Ills. **PEER-LITE** Speaker Lamp.Pioneer Radio Corp., Galesburg, Ills. **PIONEER.**Plaza Music Company, 10 W. 20th St., New York City. **FINE-ARTS.** Horn and Cabinet type.Roth Radio Company, 88 West Broadway, New York City. **MELODEE.** \$4.50. Net; \$10.00 list.

Stevens & Company, 46 E. Houston St., New York City.

Timbre-tone Mfg. Co., Hoosick Falls, N. Y. **TIMBRE-TONE.** Horn type C, \$26.00; Cabinet type, \$30.00.**LOUD SPEAKER UNITS.**Hollywood Radio Company, 154 Nassau St., New York City. **HOLLYWOOD.** Reproducing Unit, \$10.00.

Jodra Mfg. Company, 65 Pier 1, Seattle, Wash. Phonograph. \$22.

Morrison Laboratories, Inc., 335 Jefferson Ave. East, Detroit, Mich. With cord, \$7.50.

Pioneer Radio Corp., Galesburg, Ills.

Roth Radio Company, 88 W. Broadway, New York City. **MELODEE.** \$1.65 net; \$3.50 list.**McCALLS**—Illinois Radio Co., 800 S. 4th St., Springfield, Ill.—Cord tips, spade tips, connectors.**McMURTRY B-UNITS**—McMurtry & Co., 4133 Kenmore Ave., Chicago, Ill.—Rectifiers, plate current supply.**METAL STAMPING.**

A-One Machine Company, 246 Canal St., New York City. Automatic.

Campbell Fibre Company, Stanton, Del. Camfco slot insulation.

Gray Bros., Plano, Ills. **GRAY.**

The Lovejoy Chaplet Company, River St. and B. & M. R. R., Hoosick Falls, N. Y.

PLUGS**MICROPHONES.**Globe Phone Mfg. Company, Reading, Mass. **GLOBE.** Broadcasting.The Magnavox Company, 2725 East 14th St., Oakland, Calif. **MAGNA-VOX.** Music transmitted tone arm Type MT4, \$30.00; speech transmitted Type ST4, \$20.00.**MOUNTINGS.**American Hard Rubber Company, 11 Mercer St., New York City. **RADION.** Coil.Kelleradio, Inc., 821 Market St., San Francisco, Calif. **KELBRA-KET.** Panel and subpanel support, \$1.75, \$2.00, \$2.25 per pair.Magnus Elec. & Radio Mfg. Corp., 785 E. 138th St., New York City. Inductance Switch, **MAGNUS** No 885, 80c each. Grid Leak, No. 817, 50c.

C. E. Mountford, 465 Greenwich St., New York City.

Strahle Radio Mfg. Company, 102 Van Reypen St., Jersey City, N. J. **SHERWOOD.** Vacuum Tube.**NUTS.**

The Lovejoy Chaplet Company, River St. & B. & M. R. R., Hoosick Falls, N. Y. Brass & Copper.

PANELS.

Aetna Radio Panel Co., 30 Park Pl., New York City.

The Formica Insulation Co., 4614 Spring Grove Ave., Cincinnati, O. **FORMICA.**

Radio Panel and Parts Corp., 59 Warren St., New York City. Sub bases for 5-tube tuned radio frequency circuits furnished in Insuline or Bakelite with metal shell on Bakelite sockets which can be applied to either standard UV tubes or the new UX tubes, 199A or 201A.

United Radio Mfg. Company, 191 Greenwich St., New York City. To specifications.

PHONES.Federated Manufacturers' Corp., 905 Mission St., San Francisco, Calif. **FEDROLIAN.**Pemberthy Injector Company, Detroit, Mich. **PICO.****PHONOGRAPH UNITS.**

Pemperthy Injector Company, Detroit, Mich.

PLUGS.

Brooklyn Metal Stamping Corp., 718 Atlantic Ave., Brooklyn, N. Y. B. M. S. 50c.

Federated Mfrs. Corp., 905 Mission St., San Francisco, Calif. **FEDROLIAN.**

POTENTIOMETERS**POTENTIOMETERS.**

Federated Mfrs. Corp., 905 Mission St., San Francisco, Calif. **FED-ROLIAN.**

RESISTANCE ELEMENTS.

Quality Radio Shop, 610 National Road, Richmond, Ind. **QUALITY.** Variable and fixed carbon disc, 30c to \$1.50.

RHEOSTATS.

Federated Mfrs. Corp., 905 Mission St., San Francisco, Calif. **FED-ROLIAN.**

Quality Radio Shop, Richmond, Ind. **QUALITY.** 65c to \$2.00. Wire wound and carbon disc.

RODS.

Friedrich & Dimmock, 7 E. 42d St., New York City. Glass.

ROTORS.

American Hard Rubber Co., 11 Mercer St., New York City. **RADION.**

SETS, RECEIVING.

Bosserman Radio Labs., 766 Post St., San Francisco, Calif. 8-tube Super Hetumat, complete, \$149.00.

Continental Radio Corp., Indianapolis, Ind.

Cribben Radio Corp., 961 Montana St., Chicago, Ills.

The William B. Duck Company, 711 Adams St., Toledo, Ohio. 6-tube. \$100, \$150.

Federated Mfrs. Corp., 905 Mission St., San Francisco, Calif. **FED-ROLIAN.** 2-tube reflex; 5-tube tuned radio frequency; 6-tube with resistance coupled amplifier.

H. W. Harmon & Sons Company, Grove City, Penna. **HARMONSON.** Table type IV-A, \$80.00; **HARMONSON V-C Grand.** Built-in loud speaker, \$135.00; **HARMONSON UNITROL** with built-in speaker, \$175.00; **HARMONSON UNITROL** Table Type with "B" battery compartments, \$150.00.

Hesson Radio Labs., 762 Post St., San Francisco, Calif. Ten-tube Super-Hetumat, \$185.00, with loop only.

Kehler Radio Labs., 901 W. 1st St., Abilene, Kans. **TRANADYNE.**

Marwol Radio Corp., 546 Broadway, New York City. **MARWOL, BABY GRAND,** 5-tube tuned radio frequency, \$36.50. **MARWOL**

JEWELL, 5-tube tuned radio frequency, \$39.50. Phonograph panel, 5-tube tuned radio frequency,

\$45.00. A-1 5-tube tuned radio frequency, \$55.00. Safe console, 5-tube tuned radio frequency, \$75.00.

MARWOL SIX resistance coupling amplification, \$100.00.

Regent Radio Corporation, 15 Queens St., Long Island City, N. Y. **REGENT.** 5-tube tuned radio frequency.

TRANSFORMER LAMINATIONS

Richardson Radio, Inc., 128 University Pl., New York City.

Robbins Radio Co., 206 Varick St., New York City.

Sherman Radio Mfg. Corp., 112 Trinity Pl., New York City.

The Standard Radio Corp., 41 Jackson St., Worcester, Mass.

Stenite Labs., Atchison, Kans.

Superola Radio Corp., 565 Broadway, New York City.

R. E. Thompson Mfg. Company, 30 Church St., New York City. **SUPER-THOMPSON DUO-TONE**

Console, Model S-61 Neutrodyne.

MINUET, Model R-81. **THE GRANDETTE,** Model V-50. **THE**

CONCERT GRAND, Model 5-70. **THE**

PARLOR GRAND, Model S-60. **THE**

PHONOGRAPH PANEL, Model P-11-215.

Wright, DeCoster, Inc., St. Paul, Minn. **WRIGHT DeCOSTER**

Model VI, 1 stage radio, one detector and four stages of audio

(one transformer and 3 resistance coupled). **WRIGHT DeCOSTER**

Model VI Console.

SOCKETS (for vacuum tubes).

(Single, multiple, gang, dry cell, standard, special, porcelain, moulded, metal, glass, composition, etc.)

Alden Mfg. Co., 52 Willow St., Springfield, Mass. **NA-ALD.** Bakelite DeLuxe No. 400, 75c; No. 401,

35c; No. 499, 50c; No. 481X, 35c.

Federated Manufacturers' Corp., 905 Mission St., San Francisco, Calif. **FEDROLIAN.**

SOLDERING OUTFITS.

The M. W. Dunton Company, 670 Eddy St., Providence, R. I. **NO-KORODE.** Radio Kit.

STOCKS.

P. C. Kullman & Co., 110 Nassau St., New York City. Broker in radio stocks and securities.

SWITCHES.

(Aerial, ground, filament, etc.)

Federated Manufacturers' Corp., 905 Mission St., San Francisco, Calif. **FEDROLIAN.** Battery.

Metropolitan Elec. Mfg. Co., East Ave. and 14th St., Long Island City, N. Y. **"METROPOLITAN."**

S & J—Steele & Johnson Mfg. Co., 799 S. Main St., Waterbury, Conn.

—Brass and copper washers, screws, nuts, clips, screw machine

parts, blanked and formed pieces, jacks.

TERMINALS.

A-One Machine Co., Inc., 246 Canal St., New York City.

TRANSFORMER LAMINATIONS.

Udall & Landan Mfg. Co., Inc., 200 Canal St., New York City.

TRANSFORMERS**TRANSFORMERS.**

(Audio, radio, etc.)

Karas Elec. Co., 4040 N. Rockwell St., Chicago, Ills. **KARAS HARMONIK.** Audio.

Quality Radio Shop, Richmond, Ind.

QUALITY HI-POWER. Audio Frequency, \$3.00 to \$7.50; Radio Frequency, \$2.00 to \$6.00; Long Wave Super Heterodyne, \$2.00 to \$7.00; Push-Pull, \$4.75.

TESTING APPARATUS.

Parcells & Company, 68 W. Washington St., Chicago, Ills.

TIPS, CORD.

Frank W. Morse Company, 280 Congress St., Boston, Mass. Four in one.

TUBE PROTECTORS.

Radio Equipment Company, 20 Stuart St., Boston, Mass. **RADECO SAFETY FUSE.** 50c.

WAVEMETERS**TUBES, VACUUM.**

Curtis Leger Fixture Co., 235 W. Jackson Boulevard, Chicago, Ills. **BLUE STREAK.**

Federated Mfrs. Association, 905 Mission St., San Francisco, Calif.

FEDROLIAN.

Gold Seal Products Co., 250 Park Ave., New York City. **GOLD SEAL.**

Radio Equipment, 20 Stuart St., Boston, Mass. **BLO-PRUF.**

Thoria Tube Company, 1701 Grand Ave., Middletown, Ohio.

VARNISH.

The Sterling Varnish Co., Pittsburgh, Penna. Insulating.

WAVE METERS.

Quality Radio Shop, Richmond, Ind. **QUALITY.** \$6.00 to \$12.00.

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THE SYMBOL OF SERVICE

CONTINENTAL

"New York's Leading Radio House"

We welcome an opportunity to have our
salesman call and show you our line.

Our service is your service.

Write to us and we will gladly put your
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sales helps.

Wholesale Only

CONTINENTAL RADIO and ELECTRIC CORPORATION

15 Warren Street

New York City, U. S. A.

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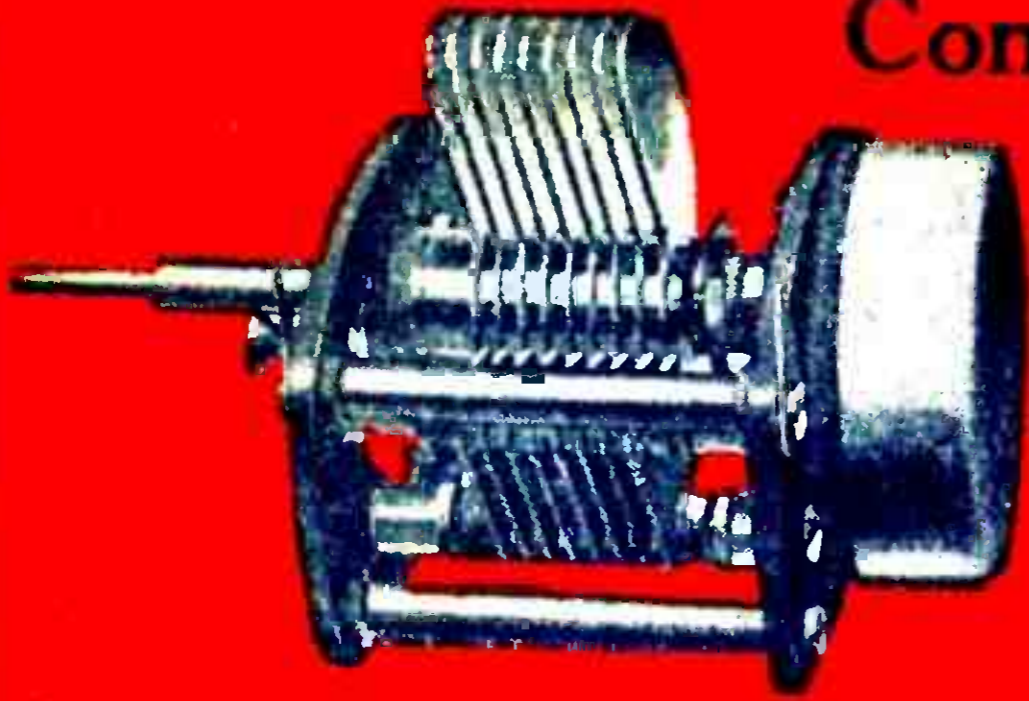
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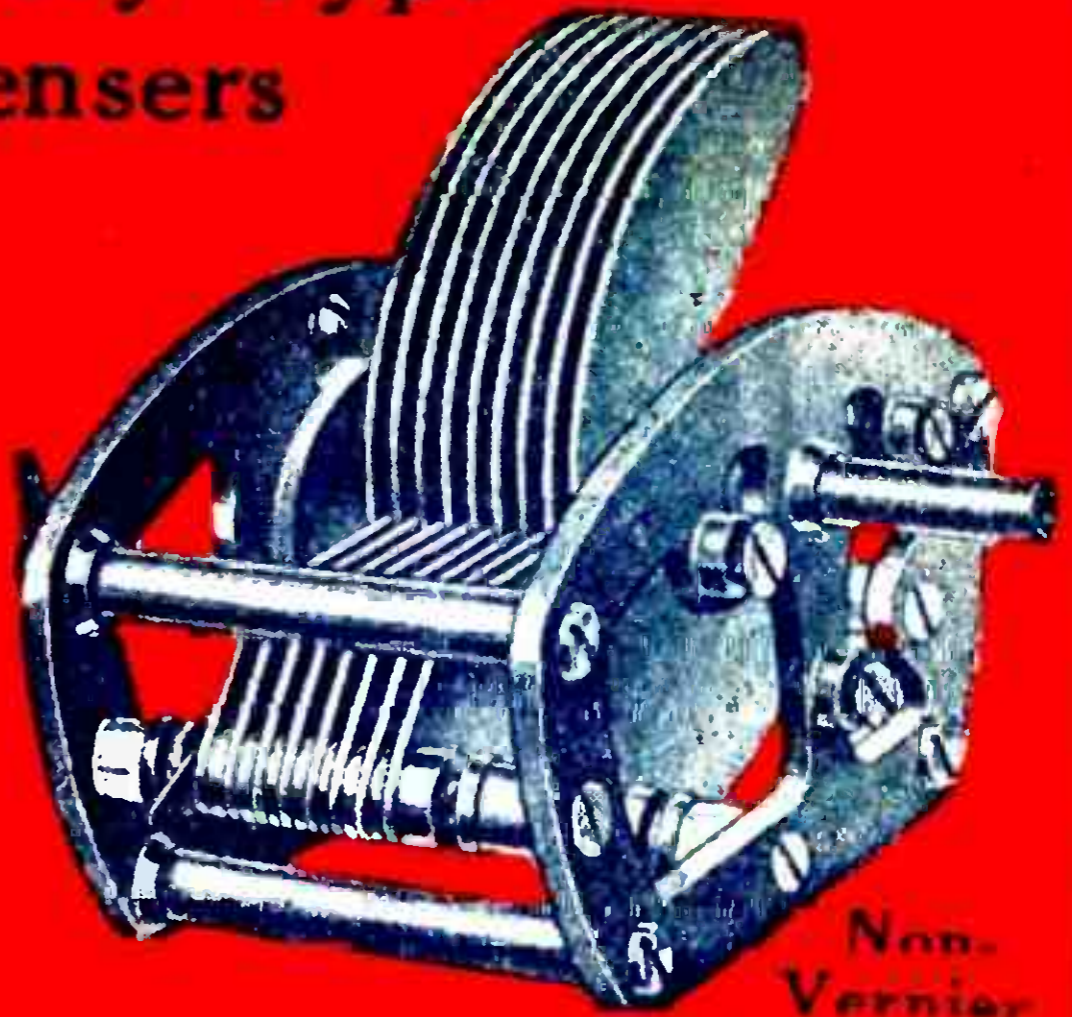
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Ratio 200 to 1



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" St. Augustine
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