

The
ELECTRONIC
ENGINEERING
MASTER INDEX
1947-1948

Other Indispensable Electronic Engineering References

The Electronic Engineering Master Index

1925-1945 Edition.	320 pages.	\$17.50
1935-1945 Edition.	209 pages.	\$10.00
1946 Edition.	202 pages.	\$14.50
1949 Edition.*	240 pages.	\$17.50

The Electronic Engineering Patent Index

1946 Edition.	476 pages.	\$14.50
1947-48 Edition.*	1000 pages.	\$19.50
1949 Edition.*	700 pages.	\$14.50

* Available March, 1950.

The
ELECTRONIC
ENGINEERING
MASTER INDEX

*A subject index to the contents of
electronic and allied engineering publi-
cations printed throughout the world
from*

January 1947 through December 1948

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PREFACE

This 1947-1948 edition of the *Electronic Engineering Master Index* is the third volume in the series covering the electronic and allied engineering literature published throughout the world since 1925. The titles of all articles appearing in foreign-language magazines have been translated into English.

Containing more than 18,000 new entries, this volume indexes almost three times the number of publications listed in previous volumes. Among these publications are more than 230 of the major international scientific magazines, journals, and proceedings, resulting in the most comprehensive bibliography of the electronic and allied engineering arts published today.

Two entirely new sources for reference have been included in the present volume, the 5,500 electronic and allied patents issued by the U. S. Patent Office during 1947-48, and the declassified documents published by the U. S., British, and Canadian governments.

~~The patents are listed, in numerical sequence, under subject headings. Patent references have been included with the bibliographical listings in order to afford the user of the *Electronic Engineering Master Index* the utmost correlation between the described and patent phases of the art. The *Electronic Engineering Patent Index* for 1947-1948, designed to be used with this volume, includes schematic diagrams and claim descriptions of all patents listed here.~~

The listing of U. S., British, and Canadian declassified documents makes available much of the important war and postwar research in electronics, atomic physics, and allied fields. Included ~~here~~ is the important work done at the M. I. T. Radiation Laboratory, Naval Research Laboratories, and universities and colleges throughout the country. —

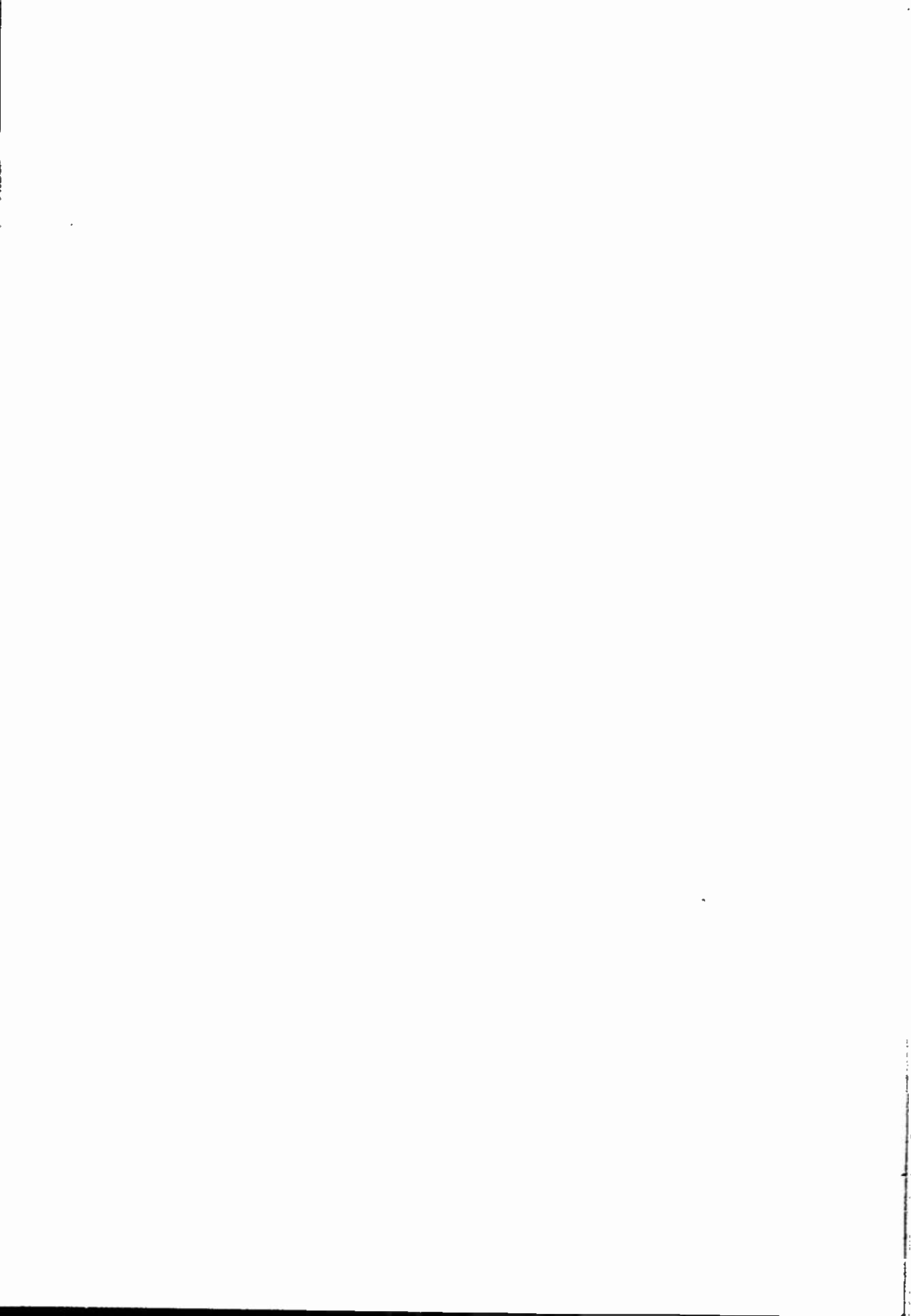
In the Bibliography of Engineering Books, we have listed the books published during 1947-1948 in the United States, as well as a few published abroad. It is hoped that with subsequent editions of the *Electronic Engineering Master Index* we will eventually list the books of all the technical publishers of the world.

The cumulative cross index of subjects at the end of this book has been greatly expanded from past editions, and serves as a guide to the present compilation, the 1925-45 edition, and the 1946 edition. The correlation between the page numbers shown in the subject cross index and the various volumes to which they refer is indicated on the bottom of each of the subject cross-index pages. Thus the entire bibliography of electronic literature from 1925 through 1948 may be conveniently surveyed by referring to this single subject cross index contained in the present edition.

We wish to thank Mr. Frank A. Petraglia for his contributions to the preparation of this volume.

JOHN F. RIDER

New York City, N. Y.
December, 1949



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Key to Abbreviations

Aug	August	Jan	January
Apr	April	Mar	March
bibliog	bibliography	Nov	November
contd	continued	Oct	October
Dec	December	p	page
diag	diagram	pt	part
ed	edition or editor	Sept	September
Feb	February	sup	supplement
fl	illustrations	v	volume

Each magazine article entry is presented as follows:

Title of article
 Author or authors
 Title of periodical
 Volume number
 Page number
 Month and year

Sample entry:

Absolute capacitance standard with a resistive shield. T. Slonczewski. Rev Sci Instr 18:848-9 Nov '47

Government documents and reports are indicated by a code group at the end of the entry. Some code groups used are BDDA (British Declassified Documents); MDDC (Manhattan District Declassified Documents); WDL (War Department Library). The source of these reports is given in the List of Publications Indexed.

Sample entry:

Video amplifier and scope. E. W. Titterton. MDDC 829

Each patent entry is presented as follows:

Title of patent
 Patentee
 Patent Number
 Number of claims

Sample entry:

Reverberation Meter. Edmond S. Winlund. 2,413,936. 3 cl

For additional information on patents, see "Pat Gazette" entry in the List of Publications Indexed.

LIST OF PUBLICATIONS INDEXED

- Acoustical Soc Amer Jour**—See **Jour Acous Soc Amer**
- Aero Digest**—**Aero Digest**, \$3; single numbers 50c. Semi-monthly. Aeronautical Digest Publishing Corp., 515 Madison Ave., New York 22, N. Y.
- Aero Eng Rev**—**Aeronautical Engineering Review**, \$3; single numbers 50c. Monthly. Institute of the Aeronautical Sciences, Inc., 2 E. 61th St., New York 21, N. Y.
- Aerovox Res W**—**Aerovox Research Worker**, 60c; single numbers upon request. Aerovox Corporation, New Bedford, Mass.
- Air Trans**—**Air Transport**, Now **Aviation Week**, McGraw-Hill Publishing Co., Inc., 330 West 42nd St., New York 18, N. Y.
- Alta Frequenza**—**Alta Frequenza**, Associazione Elettra-tecnica Italiana, Via San Paolo 10, Milan, Italy.
- Amer Inst Chem Eng Trans**—**American Institute of Chemical Engineers Transactions**, \$10; single numbers \$2. Bimonthly. American Institute of Chemical Engineers, 40 E. 41st St., New York, N. Y. Discontinued. Now **Chemical Engineering Progress**.
- Amer Jour Sci**—**American Journal of Science**, \$5; single numbers 75c. Monthly. American Journal of Science, New Haven, Conn.
- Amer Mach**—**American Machinist**, \$5; single numbers 60c. Bi-weekly. McGraw-Hill Publishing Co., Inc., 330 W. 42nd St., New York 18, N. Y.
- Anal Chem**—**Analytical Chemistry**, 20th and Northampton St., Boston, Pa.
- Ann der Phys**—**Annalen der Physik**, Irregular. Verlag von Johann Ambrosius Barth, Leipzig, Germany.
- Ann Phys**—**Annales de Physique**, Masson et Cle, 120 Boulevard Saint Germain, Paris VI^e, France.
- Ann Radioelec**—**Annales de Radioelectricite**, Compagnies Francaises Associees de T.S.F., 79 Boulevard Haussmann, Paris, France.
- Ann Telecommun**—**Annales de Telecommunication**, Monthly. Centre National d'etude des Telecommunications, 24 rue Moreau, Paris XIV^e, France.
- Appl Sci Res**—**Applied Scientific Research**, Martinus Nijhoff, The Hague, Holland.
- Arch Elek**—**Archiv der Elektrischen Übertragung**, Die-terich'sche Verlagsbuchhandlung, Inh. W. Klemm, Wiesbaden, Spiegelgasse 9, Germany.
- Arch Forum**—**Architectural Forum**, \$5.50; single numbers \$1. Monthly. Time, Inc., 350 Fifth Ave., New York 1, N. Y.
- Arch Record**—**Architectural Record**, \$4.50; single numbers \$1. Monthly. F. W. Dodge Corp., 119 W. 40th St., New York, N. Y.
- Arch Tech (Messen)**—**Archiv für technisches Messen**, Buchhandlung Ernst Ludwig, Karlsplatz 7, Munich 2, Ger.
- Ark Mat Astr Fys**—**Arkiv för Matematik, Astronomi och Fysik**, Almqvist och Wiksells Boktryckeri—A.B., Stockholm, Sweden.
- ASTM Bull**—**American Society for Testing Materials Bulletin**, 1916 Race St., Philadelphia 3, Pa.
- Astrophys Jour**—**Astrophysical Journal**, \$12. Bimonthly. University of Chicago Press, Chicago, Ill.
- Atti del Congresso Internazionale della Radio**—At the International Congress of Radio in Rome. Giovanni Bardì Publishing Company, Sallia de'Creffenzzi 16, Rome, Italy.
- Audio Eng**—**Audio Engineering**, \$3; single numbers 35c. Monthly. Radio Magazines, Inc., 342 Madison Ave., New York 17, N. Y.
- Aust Jour Inst Tech**—**Australian Journal of Instrument Technology**, Australian Society of Instrument Technology, Box 277-B, G.P.O., Melbourne, Australia.
- Automotive & Aviation Ind**—**Automotive and Aviation Industry**, Now **Automotive Industry**, Chilton Co., Inc., Chestnut & 56th St., Philadelphia 39, Pa.
- Aviation N**—**Aviation News**. See **Aviation W**.
- Aviation W**—**Aviation Week**, \$6; single numbers 60c. Weekly. McGraw-Hill Pub. Co., Inc., 330 W. 42nd St., New York 18, New York.
- AWA Tech Rev**—**AWA Technical Review**, 551 Farrar-tanta Road, Ashfield, N.S.W., Australia.
- Barron's**—**Barron's**, \$16. Weekly. Barron's Publishing Co., 10 New St., New York City, N. Y.
- B.B.C. Quart**—**B. B. C. Quarterly**, British Broadcasting Co., Broadcasting House, London, W.C. 1, England.
- BDDA**—**British declassified documents**, H. M. Stationery Office, P.O. Box 669, Cornwall House, London, S.E. 1, England.
- Beama Jour**—**Beama Journal**, 10s; single numbers 1s. Monthly. British Electrical & Allied Manufacturers' Assn., 36 Kingsway, London, W.C. 2, England.
- Bell Lab Rec**—**Bell Laboratories Record**, \$2; single numbers 25c. Monthly. American Telephone and Telegraph Co., 195 Broadway, New York, N. Y.
- Bell System Tech Jour**—**Bell System Technical Journal**, \$1.50; single numbers 50c. Quarterly. American Telephone and Telegraph Co., 195 Broadway, New York, N. Y.
- Bendix Radlo Engineer**—**Bendix Radio Engineer**, \$2.00; Quarterly. Bendix Aviation Corp., Baltimore 4, Md.
- Blast Furnace & Steel**—**Blast Furnace and Steel Plant**, \$2. Monthly. Steel Publications, Inc., Box 177, Pitts-burgh 50, Pa.
- Broadcast News**—**Broadcast News**, \$2; single numbers 50c. Bimonthly. Radio Corporation of America, Engineering Products Dept., Camden, New Jersey.
- Brown Boveri Rev**—**Brown Boveri Review**, Monthly. Brown, Boveri & Company, Ltd., Baden, Switzerland.
- Busn W**—**Business Week**, \$6; single numbers 25c. Weekly. McGraw-Hill Pub. Co., Inc., 330 W. 42nd St., New York 18, N. Y.
- Bull Acad Sci (U.S.S.R.) ser phys**—**Bulletin de L'Acad-emie des Sciences de l'U.S.S.R., Serie Physiques**, Cherkasski Per 2, Moscow, Russia.
- Bull Am Met Soc**—**Bulletin of the American Meteorolog-ical Society**, Prince and Lemon St., Lancaster, Pa.
- Bull Assoc Suisse Elec**—**Bulletin de l'Association Suisse des Electriciens**, Secretariat General de l'A.S.E. et de l'U.C.S. Seefeldstrasse 301, Zurich 8, Switzerland.
- Bull Ec Polyt (Jassy)**—**Bulletin de l'École Polytechnique de Jassy**, Jassy—Iasi, Roumania.
- Bulletin Scientifique AIM**—**The Scientific Bulletin of the Association of Engineers and Electricians**, The Montefiore Electrotechnical Institute, Rue Saint Gillis 31, Liege, Belgium.
- Bull Soc Franc Elec**—**Bulletin de la Societe Francaise des Electriciens**, \$-14 Avenue Pierre Larousse, Mala-koff (Seine), France.
- Bull Tech Suisse Romande**—**Bulletin Technique de la Suisse Romande**, Chauderon 475, Lausanne, Switzer-land.
- CAA Jour**—**Civil Aeronautics Journal**; issued monthly by the Civil Aeronautics Administration, 75c. Super-intendent of Documents, Washington 25, D.C.
- Cables & Trans**—**Cables et Transmission**, SOTELEC, 20 Avenue de Segur, Paris, France.
- Canada Jour Res**—**Canadian Journal of Research**, Monthly. National Research Council of Canada, Ot-tawa, Canada.
- Chalmers Tekniska Hogskola**—**Chalmers Technical Uni-versity**, Göteborg, Sweden.
- Chem & Ind**—**Chemistry and Industry**, \$3; single num-bers 2s. Weekly. Society of Chemical Industry, 56 Victoria St., London, S.W. 1, England.

LIST OF PUBLICATIONS INDEXED—Cont'd.

- Chem Eng—Chemical Engineering Progress. \$6; single numbers 75c. Monthly. American Institute of Chemical Engineers, 120 E. 41st St., New York City, N. Y.
- Chin Jour Phys—Chinese Journal of Physics. Chinese Physical Society, National Academy of Peiping, 42 Tung Huang Cheng Ken, Peiping, China.
- Coal Age—Coal Age. \$15. Monthly. McGraw-Hill Publishing Co., 330 W. 42nd St., New York 18, N. Y.
- Communications—Communications. \$2. Single numbers 25c. Monthly. Bryan-Davis Publishing Co., 52 Vanderbilt Ave., New York, N. Y.
- Compt Rend Acad Sci (Paris)—Comptes Rendus hebdomadaires des Seances de l'Academie des Sciences. 55 Quai des Grand-Augustins, Paris, France.
- Comptes Rendus (Doklady)—Reports of the Academy of Sciences of Russia. Wolkhonka 14, Moscow, U.S.S.R.
- Constr Methods—Construction Methods. \$2. Monthly. McGraw-Hill Publishing Co., Inc., 330 W. 42nd St., New York City, N. Y.
- CQ—CQ. \$3; single numbers 35c. Monthly. 342 Madison Avenue, New York 17, N. Y.
- Current Science—Current Science. Current Science Association, Bangalore, India.
- Distrib Elec—Distribution of Electricity. 25s 8d; single numbers 6d. Quarterly. 51-3 Hatton Garden, London E. C. 1, England.
- Economist—The Economist. 60s; single numbers 1s. Weekly. 22 Ryder St., St. James', London, S.W. 1, England.
- Elec Comm—Electrical Communication. \$2; single numbers 50c. Quarterly. International Telephone & Telegraph Co., 67 Broad St., New York.
- Elec Eng—Electrical Engineering. \$12; single numbers \$1.50. Monthly. American Institute of Electrical Engineers, 33 W. 39th St., New York 18, N. Y.
- Electronic Eng—Electronic Engineering. 26s; single numbers 2s. Monthly. 23 Essex St., Strand, W.C. 2, England.
- Elec Ind & Inst—Electronic Industries and Instrumentation. Two year subscription only. \$3; single numbers 25c. Caldwell-Clements, Inc., 450 Lexington Ave., New York 17, N. Y. Discontinued.
- Elec Mfg—Electrical Manufacturing. Monthly. Gage Publishing Co., 1250 Ave. of the Americas, New York City, N. Y.
- Elec Rev (Land)—Electrical Review. \$3; single numbers 9d. Weekly. Electrical Review, Dorset House, Stamford St., London, S.E. 1, England.
- Elec West—Electrical West. \$2; single numbers 25c. Monthly. McGraw-Hill Co. of California, 65 Post St., San Francisco 4, Calif.
- Elec World—Electrical World. \$6; single numbers 35c. Weekly. McGraw-Hill Publishing Co., Inc., 330 W. 42nd St., New York 18, N. Y.
- Elect Times—Electrical Times. 35s; single numbers 6d. Weekly. Sardinia House, Sardinia St., London, W.C. 2, England.
- Electriean — Electriean. 30s; single numbers 6d. Weekly. Henn Bros., Ltd., Bouverie House, 154 Fleet St., London, E.C. 4, England.
- Electrochem Soc Trans—The Electrochemical Society Transactions. Electrochemical Society, Columbia University, New York 27, N. Y.
- Electronics — Electronics. \$6; single numbers 75c. Monthly. McGraw-Hill Pub. Co., Inc., 330 W. 42nd St., New York 18, N. Y.
- Electrotechnics—Electrotechnics. Indian Institute of Science, Bangalore, S. India.
- Elektron, Linz—Das Elektron, Linz. Landstrasse 9, Austria.
- Elektron Wiss und Tech—Das Elektron in Wissenschaft und Technik. Hanns Reich Verlag, Munchen 23, Martinsstrasse 8, Germany.
- Elektrotech und Maschinenb—Elektrotechnik und Maschinenbau. Springer-Verlag, Molkerbastei 5, Vienna 1, Austria.
- Elektrotech Zeit—Elektrotechnische Zeitschrift. Weekly. Verband Deutscher Elektrotechniker, Wegnestr. 13/15, Wuppertal-Barmen, Germany.
- Elektrotechnik—Elektrotechnik. Verlag Technik G.M.B.H., Dorotheenstrasse 41, Berlin, N.W. 7.
- Elektrotechnika—Elektrotechnika. V. Honved-u. 22, Budapest, Hungary.
- Electronica, Turin—Electronica. Torino, Corso G. Matteotti, 46, Italy.
- Endeavour—Endeavour. 26 Dover St., London, W. 1, England.
- Engineer—Engineer. f3 3s; Canadian subs. f2 16s 6d; single numbers 1s 6d. Weekly. Engineer, 28, Essex St., Strand, London, W.C. 2.
- Engineering—Engineering. f4 10s; single numbers 1s 6d. Weekly. Engineering, Ltd., 35 and 36 Bedford St., Strand, London, W.C. 2, England.
- Eng N—Engineering News-Record. \$6; single numbers 35c. Weekly. McGraw-Hill Pub. Co., Inc., 330 W. 42nd St., New York 18, N. Y.
- Eriasson Tech—Eriasson Technics. I. M. Eriasson, Stockholm, Sweden.
- Factory Management—Factory Management and Maintenance. \$3; single numbers 35c. Monthly. McGraw-Hill Publishing Co., Inc., 330 W. 42nd St., New York 18, N. Y.
- Fernmeldeteck Z — Fernmeldetechnische Zeitschrift. Friedr. Vieweg & Sohn, Brunswick, Germany.
- FIAT Report—FIAT Reports. H.M. Stationery Office, Kingsway, London, W.C. 2, England.
- FM & Tele—FM and Television. \$3; single numbers 25c. Monthly. FM Company, Great Barrington, Mass.
- Franklin Inst Jour—Journal of the Franklin Institute. \$5; single numbers \$1. Monthly. Franklin Institute, Benjamin Franklin Parkway, Philadelphia, Pa.
- Frequenz—Frequenz. Fachverlag Schiele & Schon, Leuschnerdamm 13, Berlin, S.O. 36, Germany.
- Funk und Ton—Funk und Ton. Verlag fur Radio-Fotokinetik G.m.b.H., Eichborndamm 141/167, Berlin-Borsigwalde, Germany.
- Funktech Monatshefte—Funktechnische Monatshefte fuer Rundfunk, Hochfrequenztechnik und Grenzgebiete. Monthly. Weidemannsche Buchhandlung, Berlin, Germany.
- GEC Journal—G.E.C. Journal. The General Electric Co., Ltd., Magnet House, Kingsway, London, England.
- Gen Elec Rev—General Electric Review. \$4; single numbers 40c. Monthly. General Electric Co., Schenectady 5, N. Y.
- Gén Elec Rev. See Rev gén Élect.
- Genie Civil—Le Genie Civil. 280 fr.; single numbers 5 fr. Weekly. Genie Civil, 5 Rue Jules Lefebvre, Paris, France.
- Glass Ind—Glass Industry. \$3.50; single numbers 35c. Monthly. 55 W. 42nd St., New York City, N. Y.
- Helv Phys Acta—Helvetica Physica Acta. E. Birkhauser & Cie., A.G. Basel, Switzerland.
- Hochfrequenz und Electronk—Hochfrequenztechnik und Elektronakustik. Jahrbuch der drahtlosen Telegraphie und Telephonie. Monthly. Akademische Verlagsgesellschaft Becker and Eriker Kom., Ges., Leipzig, Germany.
- Indian Jour Phys—Indian Journal of Physics and Proceedings of the Indian Association for the Cultivation of Science. 210 Bowbazar Street, Calcutta, India.
- Ind Stand—Industrial Standardization and Commercial Standards Monthly. \$4; single numbers 35c. American Standards Association, 29 W. 39th St., New York, N. Y.
- IngenVetensAkad Hnndl—Ingeniorsvetenskapsakademien Handlingar. Grevturegatan 14, Stockholm 1, Sweden.
- Instruments—Instruments. \$3. Monthly. Instruments Publishing Co., Inc., 921 Ridge Ave., Pittsburg 12, Pa.
- Iron Age—Iron Age. \$5; single numbers 35c. Weekly. Chilton Co., Inc., Chestnut & 56th Sts., Philadelphia, Pa.; 100 E. 42nd St., New York 17, N. Y.
- Jour Acous Soc Amer—Journal of the Acoustical Society of America. \$8 members; \$11 non-members; single numbers \$2. Quarterly. American Institute of Physics, 57 W. 56th St., New York 22, N. Y.
- Jour Aeronautic Sci—Journal of the Aeronautical Sciences. \$12; single numbers \$1.50. Quarterly. Institute of the Aeronautical Sciences, Inc., 2 E. 64th St., New York 21, N. Y.
- Jour Amer Cer Soc—Journal of the American Ceramic Society. \$15; single numbers \$1.50. Monthly. American Ceramic Society, 3525 N. High St., Columbus 2, Ohio.

LIST OF PUBLICATIONS INDEXED—Cont'd.

- Jour Amer Inst Elec Eng**—See Elec Eng.
- Jour Ap Phys**—Journal of Applied Physics. \$7; single numbers 70c. Monthly. American Institute of Physics, 57 E. 55th St., New York 22, N. Y.
- Jour Brit Interplanetary Soc**—Journal of the British Interplanetary Society. 157 Friary Road, London, S.E. 15, England.
- Jour Brit IEE**—Journal of the British Institution of Radio Engineers. Single numbers 7s 6d. Monthly. 9 Bedford Square, London, W.C. 1, England.
- Jour Chem Educ**—Journal of Chemical Education. \$3; single numbers 50c. Bimonthly. Mack Printing Co., 20th and Northampton, Easton, Pa.
- Jour Fr Inst**—See Franklin Inst Jour
- Jour IEE**—Journal of the Institution of Electrical Engineers. Single numbers pt. 1 5s; pt. 2 7s 6d; pt. 3 6s. Monthly. The Institution, Savoy Place, Victoria Embankment, London, W.C. 2; E.&F.N. Spon., Ltd., 57 Haymarket, London, S.W. 1, England.
- Jour Math Phys**—Journal of Mathematics and Physics. Massachusetts Institute of Technology, Cambridge 39, Mass.
- Jour Opt Soc Amer**—Journal of the Optical Society of America. \$8.50. Monthly. American Institute of Physics, Inc., 57 E. 55th St., New York 22, N. Y.
- Jour Phys**—Journal of Physics. Irreg. Academy of Sciences of the U.S.S.R., Moscow, Russia.
- Jour Res Nat Bur Stand**—Journal of Research of the National Bureau of Standards. \$4.50; single numbers 60c. Monthly. Superintendent of Documents, Washington 25, D.C.
- Jour Roy Aeronautical Soc**—Journal of the Royal Aeronautical Society. £4 10s; single numbers 7s 9d. Monthly. Royal Aeronautical Society, 4 Hamilton Place, Piccadilly, London, W. 1, England.
- Jour Roy Soc Arts**—Journal of the Royal Society of Arts. York House, Portugal St., London, W.C. 2, England.
- Jour Sci Inst**—Journal of Scientific Instruments. 5s. Monthly. Institute of Physics, 19 Albermarle St., London, W. 1, England.
- Jour Soc Glass Tech**—Journal of Society of Glass Technology. 15s. Bimonthly. Society of Glass Technology, "Elmfield," Northumberland Road, Sheffield, England.
- Jour Soc Mot Pic Eng**—Journal of Society of Motion Picture Engineers. \$6.25 members; \$12.50 non-members; single numbers \$1.50. Monthly. Society of Motion Picture Engineers, 342 Madison Ave., New York 17, New York.
- Jour Telev Soc**—Journal of the Television Society. 5s. Quarterly. The Television Society, 68 Compton Road, London, N. 21, England.
- Jour West Soc Eng**—Journal of the Western Society of Engineers. \$3; single numbers 75c. Quarterly. Western Society of Engineers, 205 W. Wacker Drive, Chicago 6, Ill.
- Kungliga Tekniska Hogskolan**—Royal Technical Univ. Valhallavagen, horsal 432, Stockholm, Sweden.
- Light & Lighting**—Light and Lighting. 15s. Monthly. 22 Victoria St., London, England.
- Light Metals**—Light Metals Monthly. 26s; single numbers 2s. Monthly. Bowling Green Lane, London, E.C. 1, England.
- Machine Design**—Machine Design. \$10. Monthly. Penton Publishing Co., Penton Bldg., Cleveland, Ohio.
- Machinery**—Machinery. 42s; single numbers 1s. Machinery Publishing Co., Ltd., National House, West St., Brighton, England.
- Marconi Rev**—The Marconi Review. Marconi's Wireless Telegraph Co., Ltd., Electra House, Victoria Embankment, London, England.
- Marine Eng**—Marine Engineering and Shipping Review. \$3; single numbers 35c. Monthly. Simmons-Boardman Publishing Corp., 39 Church St., New York 7, N. Y.
- Materials & Methods**—Materials and Methods. \$2; single numbers 60c. Monthly. 330 W. 42nd St., New York 18, N. Y.
- MDDC**—Manhattan District Declassified Documents. U. S. Atomic Energy Commission, Document Sales Agency, P.O. Box 62, Oak Ridge, Tenn.
- Mech Eng**—Mechanical Engineering. \$7; single numbers 75c. Monthly. American Society of Mechanical Engineers, 29 W. 39th St., New York 18, N. Y.
- Mech Handling**—Mechanical Handling. 14s; single numbers 1s. Monthly. Louis Cassler Co., Ltd., Dornet House, Stamford St., London, England.
- Metal Ind**—Metal Industry. 45s 6d; single numbers 9d. Weekly. Dorset House, Stamford St., London, S.E. 1; England.
- Metallurgia**—Metallurgia. The Kennedy Press, Ltd., Bedford St., London, W.C. 2, England.
- Metal Treat**—Metal Treatment. 10s; single numbers 1s. Quarterly. 49 Wellington St., Strand, London, W.C. 2, England.
- Metals & Alloys**—Metals and Alloys. \$2; single numbers 25c. Monthly. Reinhold Publishing Corp., 330 W. 42nd St., New York 18, N. Y.
- Metals Tech**—Metals Technology. 212 York St., York, Pa.
- Microtecnie (Lausanne)**—Microtecnie (Lausanne). Case Postale St. Francois, Lausanne, Switzerland.
- Min Cong Jour**—Mining Congress Journal. \$3. Monthly. American Mining Congress, 1102 Ring Bldg., Washington, D. C.
- Mod Plastics**—Modern Plastics. \$5; single numbers 75c. Monthly. Modern Plastics, Inc., 122 E. 42nd St., New York 17, N. Y.
- Mon Not R Astr Soc**—Monthly Notices of the Royal Astronomical Society. Single numbers 9s. Bimonthly. Burlington House, London, W. 1, England.
- Muirhead Technique**—Muirhead Technique. Muirhead & Co., Ltd., Beckenham, Kent, England.
- Nat Research Council Bul**—National Research Council, 2101 Constitution Ave., Washington, D. C. Price list of individual numbers sent on request.
- Nature**—Nature. 1s 6d. Weekly. McMillan & Co., Ltd., St. Martin's St., London, W.C. 2, England.
- Naturwiss**—Naturwissenschaften. Springer-Verlag, Jenbenstrasse 1, Berlin-Charlottenburg 2, Germany.
- Nauka i Zhizn**—Science and Life. Pushkinskaya ploshchad'5, Moscow, U.S.S.R.
- Nickel Bul**—Nickel Bulletin. Mond Nickel Co., Ltd., Grosvenor House, Park Lane, London, S.W. 1, England.
- NRC**—Report obtainable from National Research Council of Canada. National Research Council, Ottawa, Canada.
- Nucleonics**—Nucleonics. \$10; single numbers \$1. Monthly. McGraw-Hill Publishing Co., 330 W. 42nd St., New York 18, N. Y.
- N Z J Sci Tech**—New Zealand Journal of Science and Technology. Department of Scientific and Industrial Research, Wellington, N. Z.
- Observatory**—Observatory. 15s; single numbers 3s. Bimonthly. The Royal Observatory, Greenwich, London, S.E. 10, England.
- Onde Elec**—L'Onde Electrique. Bulletin de la Societe des Radiotelegraphistes. Monthly. Etienne Chiron, 40, Rue de Seine, Paris 6^e, France.
- Oscillographer**—The Oscillographer. Bimonthly. Allen B. DuMont Laboratories, Inc., Clifton, New Jersey.
- Overseas Eng**—Overseas Engineer. 24s; single numbers 2s. Monthly. Bowling Green Lane, London, E.C. 1, England.
- Pat Gazette**—Official Gazette, United States Patent Office. \$16; including annual index \$18.75; single numbers 35c. Weekly. Superintendent of Documents, Government Printing Office, Washington, D. C. Individual patents 25c each. Order from Commissioner of Patents, Washington 25, D. C.
- PB**—Pamphlets issued by U. S. Department of Commerce, Office of Technical Services, Washington 25, D. C.
- Pet Processing**—Petroleum Processing. \$3. Monthly. National Petroleum Publishing Co., 1213 W. 3rd St., Cleveland 13, Ohio.
- Phil Mag**—The Philosophical Magazine. £5 2s 6d. Monthly. Taylor and Francis, Ltd., Red Lion Court, Fleet St., London, England.
- Phil Trans R Soc**—Philosophical Transactions of the Royal Society. Irreg. Cambridge University Press, 200 Euston Road, London, England.

LIST OF PUBLICATIONS INDEXED—Cont'd.

- Philips Res Rep—Philips Research Report. Bimonthly. N. V. Philips' Gloeilampenfabrieken, Eindhoven, Holland.
- Philips Tech Commun Aust—Philips Technical Communication. Philips Electrical Industries of Australia Pty., Ltd., 69 Clarence St., Sydney, Australia.
- Philips Tech Review—Philips Technical Review. N. V. Philips' Gloeilampenfabrieken, Eindhoven, Holland.
- Phys Rev—The Physical Review. \$25. Monthly. American Institute of Physics, Inc., 57 E. 55th St., New York 22, N. Y.
- Phys Soc Proc—Proceedings of the Physical Society. Bimonthly. The Physical Society, 1 Lowther Gardens, Prince Consort Road, London, S.W. 7, England.
- Physica—Physica. Martinus Nijhoff. The Hague, Holland.
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- Strain Relief for Electrical Conductors, Louis J. Irrgang, 2,420,826, 4 cl
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- Luminescent Material, Herman C. Froelich, 2,415,129, 5 cl
- Cathode-ray Tube Projector, Constantin S. Szegho, 2,415,311, 3 cl
- Discriminative Alkali Halide Screen, Gorton R. Fonda, 2,416,574, 8 cl
- Magnetic Focussing Device, Eugene M. Fry, 2,416,687, 19 cl
- Cathode-ray Tube Coating, Albert Steadman, 2,419,177, 2 cl
- Cathode-ray Tube with Inclined Target, George Ross Kilgore, 2,420,176, 3 cl
- Cathode-ray Tube for Generating Oscillations, Maximiliaan Julius Otto Strutt and Aldert van der Ziel, 2,420,846, 8 cl
- Method of Manufacturing Screens in Cathode-ray Tubes, Constantin S. Szegho, 2,423,626, 1 cl
- Cathode-ray Screen having Contrasting Colors and Unlike Rates of Decay of Luminescence, Gorton R. Fonda, 2,423,830, 8 cl
- Cathode-ray Tube, Karl C. Augenstein and Albert Rieth, 2,423,924, 3 cl
- Cathode-ray Tube with Magnetic Compensating Means, Claude Langdon Richards, 2,425,125, 6 cl
- Cathode-ray Tube with Shielded Deflecting Plates, Gerhard Liebmann, 2,425,682, 17 cl
- Cathode-ray Tube Support, Elmer Brinton Cain, 2,428,928, 8 cl
- Gun Structure for Cathode-ray Tubes, Stanley J. Koch and Robert E. Rutherford, 2,429,824, 6 cl
- Cathode-ray Tube with Revolving Magnets and Adjustable Sleeve, Waldemar J. Poch, 2,431,077, 4 cl
- Cathode-ray Target and Method of Manufacture, Humboldt W. Leverenz, 2,432,908, 8 cl
- Focus control for television image tube, Madson Cawein, 2,434,196, 6 cl
- Beam Deflection Tube having Parallel Focusing and Beam Defining Plates, Charles W. Mueller, 2,434,713, 15 cl
- Cathode-ray Tube Projector, Constantin S. Szegho, 2,435,296, 2 cl
- Cathode-ray screen, Gorton R. Fonda, 2,435,435, 10 cl
- Cathode-ray Tube Screen, Gorton R. Fonda, 2,435,436, 11 cl
- Mounting for Electronic Devices, Philip T. Sproul, 2,435,613, 12 cl
- Electron Gun for Cathode-ray Tubes, Rudolph O'Larte and George Vollet, 2,436,264, 15 cl
- Cathode-ray Tube, Eric Pohle, Joseph Rutledge and Irving E. Lempert, 2,436,265, 2 cl
- Cathode-ray Tube with Discharge to Deflecting Plates, John B. Maggio, 2,436,393, 7 cl
- Control Grid Adjusting Method and Apparatus, Perry C. Smith, 2,436,675, 7 cl
- Incremental Deflection of Cathode-ray Beam, Richard L. Snyder, 2,436,677, 7 cl
- Cathode-ray Tube and Visual Indicating System for Apparatus including Cathode-ray Tube, Henry Wolfson, 2,436,847, 1 cl
- Deflection Coil and Yoke for Cathode-ray Tubes, Richard B. Gethmann, 2,437,513, 9 cl
- Cathode-ray Tube Screen and Process, Stanley J. Koch and Robert E. Rutherford, 2,438,668, 1 cl
- Luminescent Screen, Frederick H. Nicoll, 2,439,181, 9 cl
- Flat Beam Cathode-ray Tube and Circuit, Leonard Francis Broadway, 2,439,504, 7 cl
- Cathode-ray Tube Mount, James E. Gall, 2,440,260, 5 cl

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- Wave Generator, Madison Cawein, 2,440,895, 14 cl
 Electron Gun Mounting, Stanley V. Rogue, 2,441,-315, 7 cl
 Focusing System, Gustave L. Grundmann, 2,442,-975, 2 cl
 Movable Anode Structure, Igor B. Bensen, 2,443,-021, 3 cl
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 Electromagnetic Deflecting Yoke and Circuit, Richard Barton Gethmann, 2,443,032, 7 cl
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 Parallel Cathode-ray Tube, Harold E. Morgan, 2,443,634, 2 cl
 Luminescent Materials, Herman C. Froelich, 2,443,-728, 5 cl
 Cathode-Grid Assembly for Cathode-ray Tubes, Joseph Kellar, 2,443,916, 7 cl
 Control Device for Cathode-ray Focusing Coils, Jasper Holland Asling, 2,443,973, 10 cl
 Saw-tooth Wave Generator, Harry Branson, 2,444,-330, 12 cl
 Electrooptical Indicating Apparatus, Robert J. Shank, 2,444,407, 2 cl
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 Cathode-ray Tube, Stanley Thomas Henderson, 2,446,764, 3 cl
 Magnesium Germanate Phosphors, Ferd E. Williams, 2,447,448, 2 cl
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 Luminescent Zinc Fluoride, Ferd E. Williams, 2,447,927, 2 cl
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 Cathode-ray Tube Calibration, Joseph Weingarten, 2,449,093, 38 cl
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 Cathode-ray Storage Tube Apparatus and Method of Operation, Paul K. Weimer, Vladimir K. Zworykin and Irving Wolff, 2,451,005, 18 cl
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 Luminescent Screen, Humboldt W. Leverenz, 2,452,-523, 4 cl
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 Sweep Circuit, John W. Rieke, 2,452,683, 2 cl
 Cathode-ray Tube Control Circuit, Eric J. Ishbister and Walter N. Dean, 2,453,711, 8 cl
 Saw-tooth Voltage Generator, George W. Downs, jr., 2,453,787, 2 cl
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 Cathode-ray Deflection Tube with Electron Lenses, Reinhold Rudenberg, 2,454,345, 14 cl
 Cathode-ray Tube Apparatus, Stanley V. Forgue, 2,454,378, 7 cl
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 System for Magnetic Deflection in Cathode-ray Tubes, Johan Haantjes, 2,455,171, 3 cl
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- Flow Actuated Switch, Nathaniel Brewer, 2,419,942, 7 cl
- Electric Overload Protective Device, John B. Cataldo, 2,420,300, 6 cl
- Enclosed Circuit Breaker Position Indicator, Walter Haines Schymik, 2,420,842, 5 cl
- Circuit Breaker, Gilbert J. Easley, 2,420,872, 11 cl
- Oil Circuit Interrupter, Winthrop M. Leeds, 2,420,-888, 6 cl
- Electric Circuit Interrupter, Ralph S. Bennett, 2,421,236, 10 cl
- Circuit Interrupting Device, Harold E. Strang and Alick H. Powell, 2,421,658, 6 cl
- Protective Equipment for Circuit Makers and Breakers, William O. Schultz, 2,421,718, 5 cl
- Circuit Breaker, Fred G. von Hoorn, 2,422,508, 3 cl
- Circuit Breaker, Otto Jensen, 2,422,784, 8 cl
- Circuit Breaker, Frank J. Pokorny, 2,422,799, 2 cl
- Electric Circuit Breaker, Sidney R. Smith, jr., 2,424,126, 39 cl
- Circuit Interrupter, Roswell C. Van Sickle, Robert E. Friedrich and Francis J. Fry, 2,424,343, 10 cl
- Circuit Interrupting Device, Frederick B. Adam, 2,424,909, 1 cl
- Circuit Interrupter, Clinton L. Denault, 2,425,147, 6 cl
- Automatic and Manual Reclosing Control Circuits for Polyphase Single Pole Circuit Breakers, Howard M. Wilcox, Jack E. Schraueck and Herbert J. Webb, 2,425,168, 26 cl
- Switch System to Prevent Arcing of Contacts, Marcian A. Scheg and Oscar H. Dicke, 2,425,570, 8 cl
- Thermal and Magnetic Trip Circuit Breaker, Melvin Bingenheimer, 2,425,983, 8 cl
- Circuit Interrupter and Control Therefor, William M. Scott, jr., 2,426,243, 15 cl
- Gas Blast Circuit Breaker, Philip L. Taylor, 2,426,-250, 9 cl
- Circuit Breaker Contact, Arthur S. Caswell, 2,426,-387, 2 cl
- Electric System for Producing Intermittent or Flashing Light, Harold E. Edgerton, 2,426,602, 26 cl
- Combined Fuse and Circuit Interrupting Device, Ralph J. Baskerville, 2,427,181, 7 cl
- Electric Circuit Breaker, Harold Ernest Cox, Dollis Hill and Thomas Webster Wilcox, 2,427,195, 15 cl
- Circuit Breaker, Kurt W. Wilckens, 2,427,998, 5 cl
- Circuit Interrupter, Howard M. Wilcox and Raymond H. Letzel, 2,428,482, 22 cl
- Circuit Interrupter, Leon R. Ludwig, Herbert J. Webb and Benjamin P. Baker, 2,428,575, 7 cl
- Thermal Circuit Breaker, Stephen S. Grady, 2,429,-225, 9 cl
- Circuit Breaker with Blowing Device, Maurice Jean Gay, 2,429,311, 5 cl
- High-voltage Circuit Interrupter, Ralph H. Earle and Roald H. Amundson, 2,429,347, 16 cl
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- Ignitron Control System for Circuit Breakers, William E. Pakala, 2,432,927, 10 cl
- Local and Remote Control System for Circuit Breakers, Herman B. Wortman, 2,432,959, 5 cl
- Electric Circuit Interrupter, Benjamin R. Hermann, 2,433,666, 2 cl
- Voltage-limiting Arc Interrupter, Ralph R. Pittman, 2,434,010, 5 cl
- Voltage-limiting Arc Interrupter, Ralph R. Pittman, 2,434,011, 1 cl
- Combined Electromagnetic and Thermal Protective Circuit Breaker System, Harold M. Wilson, 2,434,-186, 3 cl
- Circuit Interrupter, Douglas J. Marsden, 2,434,422, 5 cl
- Fluid Pressure Operated Circuit Breaker, James M. Cumming, 2,434,549, 10 cl
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- Combined Electromagnetic and Thermal Circuit Breaker, William E. Stilwell, jr., 2,439,402, 5 cl
- Thermostatic Device, Ralph W. De Lancey, 2,439,-455, 1 cl
- Latching or Tripping Mechanism of Circuit Breakers, Floyd S. Green, 2,439,511, 3 cl
- Electric Circuit Breaker, Ronald Norton Buttrey, 2,439,126, 5 cl
- Selective Tripping of Circuit Breakers in a System, Herbert C. Graves, 2,439,165, 16 cl
- Bimetallic Circuit Breaker, Willard F. Emigh, 2,440,937, 9 cl
- Electric Circuit Breaker, Thomas W. Wilcox, 2,440,995, 2 cl
- Circuit Breaker Control System, Arnold Haller, 2,441,412, 14 cl
- Circuit Interrupter, Winthrop M. Leeds and Benjamin P. Baker, 2,442,010, 15 cl

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- Circuit Interrupter, Robert C. Dickinson and Russell E. Frink, 2,442,199, 10 cl
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- Safety Thermal Circuit Breaker, Alfred F. Jackson, 2,442,693, 2 cl
- Circuit Breaker, Donald R. Wise, 2,443,090, 3 cl
- Circuit Breaker, George A. Matthews, 2,443,260, 15 cl
- Circuit Interrupter, William E. Berkey, 2,443,650, 7 cl
- Vibrating Interrupter System, Harold J. Brown, 2,443,675, 11 cl
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- Pulse Multiplex Transmission System, William D. Houghton, 2,420,374, 8 cl
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- Marker Circuit for Crossbar Telephone Systems, Oscar Myers, 2,416,710, 11 cl
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- Call Transmitter, David B. Parkinson, 2,416,713, 14 cl
- Telephone Substation Circuit, Raoul A. Faralla, 2,417,067, 13 cl
- Signaling System, Edmund R. Taylor, 2,418,145, 10 cl
- Telephone System, John H. Voss and Herbert F. Oberghell, 2,418,609, 15 cl

- Telephone System, John E. Ostline, 2,419,282, 17 cl
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- Electromagnetic Telephone Receiver, Joachim Wolf, 2,419,697, 2 cl
- Communication System, Frederick R. Lamberty, 2,419,958, 11 cl
- Automatic Telephone System, Norman H. Saunders, 2,421,717, 22 cl
- Telephone Routing System, Robert Campbell Avery, 2,421,919, 20 cl
- Telephone Traffic Indicating Apparatus, Edward Weathers Hill, 2,421,943, 6 cl
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- Intercommunicating Telephone System, Winfred T. Powell, 2,422,565, 10 cl
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- Automatic Switching System, Fernand Pierre Gohorel, 2,423,098, 10 cl
- Interurban Telephone System, Claudius F. Stewart and Gabriel J. M. Penet, 2,423,123, 8 cl
- Subscriber's Station for Telephone Systems, Clement M. Theillaumas, 2,423,127, 10 cl
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- Noise Eliminator for Telephone Transmitters, Harry J. Hart, 2,425,061, 8 cl
- Intercommunicating System, Roswell H. Herrick, 2,425,187, 7 cl
- Two-way Telephone System, Bertram A. Trevor and John B. Atwood, 2,425,495, 11 cl
- Signaling Apparatus, James T. Neiswinter, 2,425,818, 5 cl
- Automatic Telecommunication System, Jean R. A. Escande, 2,426,188, 19 cl
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- Intercept Operator's Position for Unassigned Party Line Stations, William Hatton, 2,426,210, 16 cl
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- Sanitary Telephone Attachment, Roy L. Lewis, 2,427,147, 8 cl
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- Cyclic Control Means for Line Relays, Karl L. Burgener, 2,428,550, 5 cl
- Telephone Substation Set, Walter D. Teague and Walter D. Teague, jr., 2,428,593, 6 cl
- Carrier Current Signaling System, Albert G. Lang, 2,430,471, 6 cl
- Telephone Transmitter, George H. Brodte, 2,431,022, 6 cl
- Alternative Routing Telephone System, Martinus den Hertog, 2,431,313, 21 cl
- Multioffice Telephone System, Fernand P. Gohorel, 2,431,321, 6 cl
- Musical Call Signal Telephone Attachment, Herbert D. Mayfield, 2,431,574, 1 cl
- Alternate Route Telephone Switching Mechanism, Ralph E. Hersey, 2,431,692, 11 cl
- Telephone Recording System, Charles F. Ffolliott, 2,431,797, 21 cl
- Relay Automatic Telephone System, John H. Voss, 2,431,850, 19 cl
- Electromagnetic Sound Translating Device, John J. Hyland and William J. Muldoon, 2,432,424, 12 cl
- Drawer Attachment for Telephones, Glenn A. Higbee, 2,432,760, 7 cl
- Indicating Keyboard Telephone Call Transmitter, Charles D. Richard, 2,433,398, 10 cl
- Telephone Call Transmitter, Langford J. Bowne, 2,433,836, 9 cl
- Digit Registering Means Responsive to Selective Frequencies, Henry M. Bascom and Francis A. Hubbard, 2,434,898, 7 cl
- High Speed Searcher Using Gas Discharge Tubes, David Adam Christian, 2,434,989, 12 cl
- Telephone System having a Calling and Supervisory Signaling Device, Don H. Young and Frank R. Mallalieu, 2,435,302, 8 cl
- Automatic Telephone System having Rating Independent of Routing, John E. Ostline, 2,437,118, 25 cl
- Telephone System Employing Key Type Call Transmitter, Gerald Deakin, 2,438,496, 57 cl
- Telephone Set, Camillo A. Knorr, 2,438,922, 6 cl
- Telephone Substation Set, Herbert F. Oberghell, 2,439,218, 9 cl
- Two-way Carrier Wave Telephone System, Milton L. Almquist, 2,440,239, 9 cl
- Key Controlled Numerical Digit Register Equipped with Discharge Tube Means, Gerald Deakin, 2,440,249, 25 cl
- Calling Line Identification System, Jacob Kruithof and Ladislav Kozma, 2,440,277, 11 cl
- Device for the Transmission of Calling and Clearing Signals in Long Distance Telephonic Circuits, Myron Lebedinsky, 2,440,281, 9 cl
- Selective Signaling System, Langford J. Bowne, 2,441,557, 5 cl
- Dialing Device, James L. Burke, 2,441,616, 2 cl
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- Telephone Handset Bracket, Sterling G. Sears, 2,443,329, 5 cl
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- Revertive Ringing Automatic Telephone System, John I. Bellamy, 2,443,945, 14 cl
- Butt-in Telephone System, Elgil Cohrt, 2,444,033, 7 cl
- Magnetostrictive Device, Robert L. Peek, jr., 2,444,061, 11 cl
- Transmission System, Emile Labin, 2,445,783, 4 cl
- Crossbar Switch, Henry C. Harrison, 2,447,010, 4 cl
- Telephone Register Control System, Gerald Deakin, 2,447,494, 13 cl
- Hermetically Sealed Switchboard, Reinhard K. Hellmann, 2,447,753, 8 cl
- Intercommunicating Telephone System, Kenneth W. Graybill, 2,448,428, 11 cl
- Device for Conference Calls in Subscribers' Devices for Loud and Faintly Audible Traffic, Otto Tschumi, 2,449,344, 2 cl
- Electromagnetic Earphone Receiver, William F. Knauert, 2,449,557, 5 cl
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- Telephone System Utilizing a Register Controller, Jacob Kruithof, Ladislav Kozma and Martinus den Hertog, 2,452,578, 16 cl
- Code Modulation Communication System, John C. Schelleng, 2,453,461, 18 cl
- Signaling and Control System for Carrier Telephone Trunk Circuits, Everhard H. B. Bartelink, 2,454,498, 7 cl
- Identification Circuit Arrangement for Automatic or Semiautomatic Telephone Systems, Lucien A. B. Cabes, 2,454,770, 6 cl
- Electric Alarm Signaling System, Elgil Cohrt, 2,454,775, 7 cl
- Telephone System Utilizing Register Controlled Final Selector Switches, Jacob Kruithof, Ladislav Kozma and Martinus den Hertog, 2,454,809, 22 cl
- Electromechanical Amplifier, Marc A. Lalonde, 2,454,812, 3 cl
- Ringer Circuit, Oscar A. Shann, 2,455,386, 7 cl
- Control of Selectors Over Communication Channels by Storage Controlled Transmitters, Walter M. Bacon, 2,455,724, 18 cl
- Telephone Signaling Apparatus, Barney J. Kucera, 2,457,046, 23 cl
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- Computer for Ballistic Interactions, Emory Lakatos, 2,414,819, 2 cl
- Electronic Computer, Jan A. Rajchman, 2,415,190, 7 cl
- Electronic Computer, Jan A. Rajchman, 2,415,191, 8 cl
- Calculating Device, Justin S. Compton, 2,416,793, 21 cl
- Electric Indicating and Totalizing Apparatus, Harold W. Schaefer, 2,416,849, 8 cl
- Computer, Doyle E. Wilcox, 2,417,098, 10 cl
- Electric Computer, Ernst F. W. Alexanderson, 2,417,229, 10 cl
- Potentiometer Circuit, Clarence A. Lovell and John F. Müller, 2,417,425, 6 cl
- Potentiometer Circuit, David B. Parkinson, 2,417,442, 4 cl
- Computing Device for Photographic Cameras, Alfred Simmon, 2,418,370, 7 cl
- Multiplying Machine, Frank Reginald Saxby, 2,419,502, 34 cl
- Electron Computing Device, Jan A. Rajchman, 2,420,013, 4 cl
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- Calculating Device, Richard L. Snyder, jr. and Jan A. Rajchman, 2,424,289, 36 cl
- Electronic Computing Circuit, Richard L. Snyder, jr., 2,425,131, 6 cl
- Electronic Computing Circuit, Arthur W. Vance, 2,425,405, 4 cl
- Calculation Checking Device, Hans P. Luhn, 2,425,549, 5 cl
- Apparatus for making computations electrically, Wolfgang B. Klemperer and Everett H. Pier, 2,427,463, 5 cl
- Mathematical Squaring Device of the Electron Tube Type, Michael T. Bagley, 2,428,541, 4 cl
- Electronic Computer, Arthur W. Vance, 2,428,596, 6 cl
- Electronic Computing Device, Jan A. Rajchman, 2,428,811, 19 cl
- Electronic Computing Device, Jan A. Rajchman, 2,428,812, 18 cl
- Electronic Computer, Jan A. Rajchman, 2,428,990, 9 cl
- Electronic Computing System, Philip J. Herbst, 2,429,227, 7 cl
- Electronic Computer, Philip J. Herbst, 2,429,228, 20 cl
- Electronic Computer, Richard L. Snyder, jr. and Jan A. Rajchman, 2,431,591, 1 cl
- Relay Design Calculator, William Keister, 2,431,696, 11 cl
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- Data Smoothing Network, David C. Bomberger, 2,435,195, 9 cl
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- Electrical Calculator, Sydney V. Perry, 2,436,666, 6 cl
- Adding Machine, Benjamin Cooper, 2,436,790, 7 cl
- Computing Device, Arthur W. Vance, 2,438,425, 5 cl
- Computer, Wolfgang B. Klemperer and Everett H. Pier, 2,439,365, 10 cl
- Computer System, Richard L. Snyder, jr. and Robert R. Goodrich, 2,441,296, 8 cl
- Electronic Squaring Circuit, France B. Berger and William A. Higinbotham, 2,441,387, 3 cl

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 Calculating Device, Robert E. Mumma, 2,442,428, 19 cl
 Range Computer, Clarence A. Lovell and David B. Parkinson, 2,443,624, 2 cl
 Electrically Operated Calculating Apparatus for Converting Numbers from Binary to Decimal Form, George Clifford Hartley and John Ridd Gould, and Leslie Baines Haigh, 2,444,042, 9 cl
 Electronic Computer, Leslie E. Flory, 2,445,215, 12 cl
 Rate Taking Circuit, William F. Frost, 2,445,773, 19 cl
 Electronic Computing Device, George A. Morton and Leslie E. Flory, 2,446,945, 17 cl
 Circuit Bearing Element, John W. Armbruster, 2,448,761, 5 cl
 Interpolating Potential Divider and Computer, Walter Koenig, Jr., 2,452,664, 24 cl
 Ratio-measuring System, David W. Moore, Jr., 2,454,520, 7 cl
 Electromechanical Mechanism for Actuating Calculating Machines, Michele Guglielmo de Simone, 2,456,771, 8 cl
See also
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- Attack Course Computer, Albert A. Wellings, 2,416,363, 16 cl
 Fire Control Computer, Thomas L. Gottier, 2,417,549, 6 cl
 Apparatus for Gunfire Control, Waldo W. Willard and Raymond E. Crooke, 2,424,071, 6 cl
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 Electric Device with Electron Barrier, Edwin Joseph Merrell, 2,415,184, 2 cl
 Electrical Connector, Melvin D. Baller, 2,415,404, 2 cl
 Insulator Supported Adjustable Bus Clamp, Irving Frederick Matthyse, 2,415,649, 5 cl
 Electrical Connection Plug, Robert Bauer, 2,415,722, 4 cl
 Alternating Current Bus Bar Construction, Comfort A. Adams, John R. Fetcher and George Stocker, 2,416,670, 10 cl
 Connector for Conductor Wire, John Nicolazzo, 2,416,943, 2 cl
 Multiple Circuit Connector of the Plug Type, Hans P. Luhn, 2,417,369, 5 cl
 Balanced to Unbalanced Circuit Connector, Harold A. Wheeler, 2,417,895, 15 cl
 Coupling for Electric Wires, Harry H. Corley, 2,418,164, 2 cl
 Electrical Coupling Plug, Frank G. Born, 2,418,457, 11 cl
 Sheave-cable Connection, Stanley A. Wohler, 2,418,565, 4 cl
 Connector, Ray W. Gudie, 2,419,018, 7 cl
 Electrical Method of Mechanically Connected and Mutually Insulating Spaced Metal Elements, Erwin Ludwig, 2,419,149, 2 cl
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 Electrical Socket, Kenneth M. McLaughlin, 2,419,460, 6 cl
 Shockproof Connector Device, Joseph F. O'Brien and Earl S. Boynton, 2,419,585, 18 cl
 Sealing High-tension Wires in Sockets, William O. Henschke, 2,419,583, 3 cl
 Solderless Connection, Edwin G. Walsh, 2,421,045, 5 cl
 Method of Attaching Wires to Metal Surfaces, Henry Wolfson and Stanley Carden Shepard, 2,421,047, 4 cl
 Anchor for Plural Electric Conductors, Carl H. Judisch, 2,421,456, 5 cl
 Electrical Conductor, Preston Robinson and Stanley O. Dorst, 2,421,652, 8 cl
 Socket Structure, William Frear, 2,421,780, 10 cl
 Coaxial Cable Connector, Edward Clarke Quackenbush, 2,422,982, 5 cl
 Electrical Connector, Basil A. Bels, 2,423,548, 7 cl
 Electric Socket, Edward T. Collins, 2,424,435, 8 cl
 Electric Socket, Henry W. Wild, 2,424,528, 8 cl
 Revolving Electrically Conductive Joint, Francis N. Bard, 2,424,545, 12 cl
 Spring Contact for Electric Plug Couplings, George Wagstaff, 2,424,867, 2 cl
 Electrical Connector, Beverly A. Lundy, 2,424,938, 1 cl
 Electrical Connector, Stephen N. Buchanan and James O. Johnson, 2,424,966, 3 cl
 Multiunit Wiring Receptacle, Harvey Hubbell and Joseph F. Healy, 2,424,988, 11 cl
 Plug Coupling Apparatus, Oscar S. Field, 2,425,608, 13 cl
 Electrical Terminal Clip, Lewis W. Buell, 2,425,670, 5 cl
 Electric Coupling, Donald Jackson, 2,425,679, 15 cl

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- Connector, Fred E. Harris, Andrew S. Hegeman, Jr. and Harry N. Snook, 2,425,802, 4 cl
- Rotatable Coupler, Emile Labin and Armig G. Kandolian, 2,426,226, 1 cl
- Outlet Box Unit, Joseph F. O'Brien and Earl S. Boynton, 2,426,235, 3 cl
- Flexible Connector, Warren G. Taylor and Charles L. Baxter, 2,426,251, 12 cl
- Electrical Connector, Basil A. Bels, 2,426,429, 11 cl
- Solderless Terminal Lug for Electrical Conductors, Fred G. Krueger, 2,426,831, 5 cl
- Insulated Conductors having Fabric Layers Impregnated with Ester Gum Saturants, Samuel E. Brillhart and Alvin N. Gray, 2,426,858, 19 cl
- Electrical Coupling Disconnecter, Martin D. Bergan, 2,427,182, 13 cl
- Electrical Receptacle, Earl S. Boynton, 2,427,349, 3 cl
- Overload Controlling Plug, Thomas Adams Dear, 2,427,390, 5 cl
- Electrical Connecting Conductor, Martin D. Bergan, 2,427,518, 1 cl
- Coupling System, Robert M. Ryder, 2,427,693, 10 cl
- Semiconducting Coated Conductors and Semiconducting Spacers Therefor, William B. Atkinson, Lawrence R. Hill and Harry H. Barker, 2,427,700, 10 cl
- Jack and Plug Type of Electrical Connector, Arthur Liebscher, 2,429,026, 1 cl
- Magnetic Ground Device, Mathew Savon, 2,429,526, 3 cl
- Plug Ejector, Lunceford P. Gillentine, 2,430,011, 2 cl
- Junction Box with Electrical Connectors, Herman C. Vedder, 2,431,002, 1 cl
- Battery Terminal Connector, Abraham Tisman, 2,431,092, 2 cl
- Electrical Terminal Clip, Lewis W. Buell, 2,431,366, 2 cl
- Electrical Connection Means, Charles S. Penfold, 2,431,583, 4 cl
- Electrical Connector Block, Richard A. Engelhardt, 2,431,999, 8 cl
- Resistance Conductor, William Alleva and Herbert Blackburn, 2,432,268, 1 cl
- Clamp Type Connector, Anthony Van Ryan, 2,432,635, 1 cl
- Electrical Connector, John M. Van Vleet, 2,432,636, 3 cl
- Electrical Connector, Scipione M. Del Camp, 2,432,966, 4 cl
- Electrical Connector, Anatole M. Gurewitsch, 2,432,989, 2 cl
- Ultra High Frequency Energy Coupling, John F. Zaleski, 2,433,011, 14 cl
- High-frequency Coupling Device, William G. Tuller, 2,433,074, 4 cl
- Bus Bar Connector, Duncan D. Forbes, 2,433,209, 6 cl
- Lead-in Connection for Electron Discharge Tubes, Leslie G. Lawrence, 2,433,375, 1 cl
- Electrical Connector, Denison B. Hull, 2,434,211, 5 cl
- Electric Contact, Edmund Merriman Wise, 2,434,305, 13 cl
- Electrical Connector, Harry G. Sullivan, 2,434,475, 2 cl
- Ultra High Frequency Conductor, Ernest C. Okress, 2,434,509, 6 cl
- Multiplex Jack and Plug, William H. Alford, 2,434,534, 4 cl
- Electrical Connector for Coaxial Cables, Elmer G. Hills, 2,434,742, 8 cl
- Electric Cord, Edward B. Feaster, 2,434,793, 3 cl
- Multiple Contact Jack, Allen J. Gardenhour, 2,435,136, 8 cl
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- Detachable Electrical Connector, Edgar W. Brelsch, 2,436,914, 4 cl
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- Connector, Benjamin C. Webster, 2,437,339, 4 cl
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- Plug and Jack Assembly, Eugene L. Mentor, 2,439,744, 3 cl
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- Bus-bar Structure, Charles F. Wagner and Lawrence L. Fountain, 2,439,956, 5 cl
- Electrical Connector, Rudolph A. Hecht, 2,440,270, 13 cl
- Cable Connector, John S. Larkins, jr., 2,440,279, 6 cl
- Electrical Socket, Charles L. Paulus and Raymond K. Stout, 2,440,288, 12 cl
- Electrical Panel Board, John G. Jackson, 2,440,824, 7 cl
- Electric Connector for Corona Discharge Devices, Edgar B. Nichols, 2,440,828, 3 cl
- Electrical Connector, Herbert M. Rogers, 2,440,876, 1 cl
- Extensible Electric Conductor, Felix Jean Marie Dansard, 2,441,236, 2 cl
- Electric Utility Connection, Anthony Wayne, 2,441,461, 1 cl
- Switchboard, Herbert C. Graves, jr., Walter Hains Schymik and Clayton Bradbury, 2,441,485, 6 cl
- Electrical Connector, Charles H. Reynolds, 2,441,921, 1 cl
- Electric Wire Terminal, Sylvester L. Gookin, 2,442,767, 4 cl
- Cathode Line Connector System, James Henry Nye, 2,442,778, 9 cl
- Interconnection Device, Robert E. Paris, 2,442,984, 15 cl
- Bonding Cable Terminal Bracket, Hubert A. Elkins, 2,443,000, 3 cl
- Connector, Beverly A. Lundy, 2,443,509, 1 cl
- Electrical Contact Socket, Edward Clarke Quackenbush, 2,443,513, 3 cl
- Lead-in Construction for Electrical Devices, Donald O. Schwennesen, 2,443,545, 4 cl
- Electrical Connector, Harry D. Else and Joseph E. Mulheim, 2,443,654, 4 cl

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- Electrical Socket, Louis A. McNabb, 2,443,743, 1 cl
 Electric Plug Adapter, William J. Miller, 2,443,797, 6 cl
 Electrical Connector, Cliff Baker, 2,443,975, 16 cl
 Electrically Conducting Adhesive, Norman Hixon Collings and Raymond John Heaphy Beverton, 2,444,034, 2 cl
 Mounting and Connecting Apparatus, Walter W. Fritsch, 2,444,037, 3 cl
 Connector Device, Le Roy T. Miller, 2,444,058, 2 cl
 Antenna Lead-in Connector, Lewis H. Finneburgh, jr. and Theodore R. Finke, 2,444,189, 8 cl
 Electrical Clip, Harold S. Johnson, 2,444,229, 4 cl
 Connector, Duncan J. Macpherson, Palma A. Le-fevre and William Escott, 2,444,459, 1 cl
 Current Distribution Duct, John G. Jackson and Ralph H. Kingdon, 2,444,648, 18 cl
 Connector Plug, Louis J. Irrgang, 2,444,739, 1 cl
 Antenna Connector, Robert E. Kester and Henry R. Smith, 2,444,934, 2 cl
 Radio Plug Adapter, Edgar L. Metz, 2,445,033, 3 cl
 Universal Bus-bar Support, Charles P. West, 2,445,463, 5 cl
 Electric Terminal and Coil, Marlon W. Sims, 2,445,587, 3 cl
 Contact Clip, Martin M. Clayton, 2,445,604, 8 cl
 Connecting Plug, Wilbur O. Detweiler, 2,445,608, 1 cl
 Cable Connector, Walter Peters, 2,445,633, 4 cl
 Electrical Plug and Socket Connections, Frederick Talbot Shaw, 2,445,927, 2 cl
 Terminal and Clamp Therefor, Glen Wood Harper, 2,445,946, 3 cl
 Wire Grip for Electrical Fittings, Floyd W. Clark, 2,446,262, 6 cl
 Electrical Cable Connector, Donald MacInnes, 2,446,542, 3 cl
 Electrical Appliance Cord, John F. Cavanagh, 2,446,907, 4 cl
 Electric Socket, Walter Edward Hill and Thomas Daniel Guy Wintle, 2,446,926, 2 cl
 Electrical Terminal, Jesse J. Jorgensen, 2,447,254, 1 cl
 Self-locking Electric Outlet and Plug, Charles H. Reed, 2,447,597, 9 cl
 Electric Plug, Charles H. Dolan, II, 2,448,086, 3 cl
 Terminal Connector for Electrical Conductors, William J. Larkin, 2,448,268, 5 cl
 Electrical Plug, Alexander M. Williams, 2,448,339, 1 cl
 Electrical Connector, Charles Antony, jr. and David Mannheim, 2,448,509, 5 cl
 Coupling, George W. Purdy, 2,448,548, 9 cl
 Insulated Electrical Conductor, Charles C. Smith, 2,448,633, 2 cl
 Connector for Electric Cables and the Like, Vincent D. Burke, 2,448,766, 5 cl
 Coaxial Line Connector, John D. Johannesen, 2,449,073, 3 cl
 Rotatable Electrical Connection, Dwight M. Phillips, 2,449,138, 6 cl
 Separable Connector, Julian Rogoff, 2,449,251, 8 cl
 Electrical Connector, Vernon E. Carlson, 2,449,450, 8 cl
 Electrical Connection, Frank J. Matan, 2,449,496, 2 cl
 Electrical Connector, Richard J. Violette, 2,449,570, 6 cl
 Cable Connector, William M. Lawhorne, 2,449,660, 2 cl
 Coaxial Line Coupling, George C. Devol, 2,449,983, 15 cl
 Electrical Connector, James C. Macy, 2,450,050, 4 cl
 Electrical Connector, James C. Macy, 2,450,202, 12 cl
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 High-voltage Terminal, William Dubilier, 2,450,273, 4 cl
 Electrical Cord, George E. Henning, 2,450,429, 7 cl
 Bridge for Junction Boxes, Henry Kershaw, 2,451,393, 4 cl
 Coupling Device for Concentric Conductor Lines, Albert L. Robinson, 2,451,413, 7 cl
 Electric Wire Terminal, Robert H. Bentley, 2,451,466, 16 cl
 Terminal Clip for Electrical Conductors, Stephen N. Buchanan and Ormiston J. Breen, 2,451,800, 3 cl
 Electrical Conductor, Cecil George Lemon, 2,451,839, 14 cl
 Radio-frequency Joint, Winfield W. Salisbury, 2,451,876, 25 cl
 Swivel Type Coaxial Connector, Doyle Warren, 2,452,168, 6 cl
 Electrical Connector, Cecil L. Basham, 2,452,422, 1 cl
 Lead Connector for Electronic Discharge Devices, Charles V. Litton, 2,452,582, 17 cl
 Electrical Connecting Means and Radio Shielding Means Therefor, Jakob R. Frei, 2,452,847, 8 cl
 Electrical Connector, James O. Johnson, 2,452,932, 2 cl
 Power Distribution System of the Bus Bar Duct Type, Herman John Hammerly, 2,453,314, 3 cl
 Tinsel Wire Connector, Martin D. Bergan, 2,453,615, 2 cl
 Electrical Connector, Howard E. Somes, 2,453,731, 6 cl
 High Frequency Power Output Control, Lester S. Lappin and Richard P. Corporon, 2,453,994, 2 cl
 Plug Assembly, Avery G. Richardson and Murray Kaplan, 2,454,838, 3 cl
 Electrical Connector, George M. Anderson, 2,454,760, 4 cl
 Electrical Connector, Kenneth Neijstrom, 2,454,829, 1 cl
 Radio Tube Socket, Albert W. Franklin, 2,455,300, 2 cl
 Holder for Thermionic Tubes, George Wagstaff, 2,455,324, 2 cl
 Inductance Clip, Joseph F. Frese, 2,455,772, 5 cl
 Terminal Member, Cyril J. Foster, 2,456,118, 1 cl
 Connector for Cords or Cables, Wilmer H. Churchill, 2,456,554, 3 cl
 Solderless Contact Terminal, Sidney M. Weisberg, 2,456,601, 2 cl
 Electrical Connector, Peter J. Bach and James H. Simpson, 2,456,764, 10 cl
 Electrical Connector, Paul L. Bour, 2,457,119, 7 cl
 Connector for Electric Receptacles, Karl Hoehn, 2,457,235, 3 cl
 High-voltage Bushing, Edward Uhlig, 2,457,419, 7 cl
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CONVERTERS

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Radio Direction Finding, David G. C. Luck, 2,422,108, 8 cl

Radio Direction Finding, Lowell E. Norton, 2,422,122, 4 cl

Direction Finder, Lowell E. Norton, 2,422,123, 4 cl

Prismatic Radiating Navigational System, Warren P. Mason, 2,422,691, 6 cl

Radio Direction Finding Equipment, Charles William Earp, Ivor Reginald John James and Richard Francis Cleaver, 2,423,064, 7 cl

Direction Finder, Horace T. Budenbom, 2,423,437, 20 cl

Cathode-ray Tube Direction Finder, Henry E. Rhea, 2,423,518, 11 cl

Reflected Wave Direction Finder, Henry E. Rhea and Frank P. Wipff, 2,423,519, 7 cl

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- Reflected Wave Direction Finder, Henry E. Rhea, 2,423,661, 10 cl
- Direction Finder System, Henri G. Busignies, 2,424,967, 6 cl
- Radio Direction Finding, David G. C. Luck, 2,425,383, 15 cl
- Direction Finder, Lowell E. Norton, 2,425,385, 4 cl
- Direction Finder, Lowell E. Norton, 2,425,386, 5 cl
- Direction Finder, Lowell E. Norton, 2,425,387, 4 cl
- Direction Finder, Henri G. Busignies, 2,426,175, 6 cl
- Direction Finder, Henri G. Busignies, 2,426,176, 8 cl
- Reflected Wave Direction Finder, Edmond M. Deloraine, Emile Labin and Henri G. Busignies, 2,426,183, 6 cl
- Wave Sensitive and Wave Front Detecting Apparatus, Alexander McLean Nicolson, 2,427,569, 7 cl
- Radio Direction Finding Apparatus, Ralph I. Cole, 2,427,657, 7 cl
- Radio Direction Finding System, Roger B. Colton, Rex V. D. Corput and Paul E. Watson, 2,427,660, 14 cl
- Radiant Energy Signal Direction Finder, Bernard D. Loughlin, 2,429,519, 19 cl
- System for Space Scanning with a Radiated Wave-Signal Beam, Harold M. Lewis, 2,429,726, 20 cl
- Radiated Signal Direction Finder, James F. Craib, 2,431,989, 12 cl
- Directional Radio System, Vernon B. Bagnall, 2,432,134, 6 cl
- Radio Direction Finder, David G. C. Luck, 2,432,777, 6 cl
- Direction Finder, Lowell E. Norton, 2,432,926, 4 cl
- Determining Upper Air Wind Conditions by Radio Direction Finding, Harry Diamond and Francis W. Dunmore, 2,434,263, 6 cl
- Sound Wave Direction Determinator, Robert W. Fairweather, 2,434,644, 6 cl
- Direction Finding Instrument, Warren P. Mason, 2,434,945, 5 cl
- Acoustic Indicator for Directional Receivers, Donald A. Quarles, 2,434,957, 8 cl
- Radio Direction Finder, Robert H. Worrall, 2,434,977, 6 cl
- Directive Radiant Energy Locating and Indicating System, Raymond C. Locke, 2,436,655, 14 cl
- Three-dimension Radio Direction Finder, Karl G. Jansky, 2,437,690, 8 cl
- System for Determining the Direction of a Source of Sound, Charles Hamlin Waterman, 2,438,526, 9 cl
- Radio Direction Finding System, Avery G. Richardson, Frank O. Chesus and Frank G. Thomas, 2,438,946, 5 cl
- Electromagnetic Wave Direction Indicator, Rene Hardy, 2,440,268, 9 cl
- Radio Direction Finder, Paul G. Hansel, 2,440,682, 8 cl
- Tridimensional Radio Direction Indicator, Joseph Lyman, 2,440,777, 17 cl
- Direction Finder, Edward D. Blodgett and Donald S. Bond, 2,441,658, 9 cl
- Direction Finder, Edward D. Blodgett, 2,443,718, 3 cl
- Electromagnetic Wave Direction Responsive Apparatus, Rene Hardy, 2,445,779, 11 cl
- System for Radio Direction Finding and Similar Purposes, Rene Jean Hardy, 2,447,502, 5 cl
- Radio Direction Finder, Alfred R. Starr, 2,448,006, 17 cl
- Direction Finder, Nathan Marchand, 2,448,041, 14 cl
- Radio Direction Finder, William Joseph O'Brien, 2,449,175, 5 cl
- Radio Direction Finder, Trevor H. Clark, 2,449,978, 3 cl
- Electric Goniometer for Radio Direction Finders, John H. Newitt, 2,450,014, 13 cl
- Radio Direction Finding Means for Aviation Trainers, Karl A. Kail, 2,450,240, 2 cl
- Direction Finding System, Gustav Guanella, 2,451,823, 19 cl
- Directive Radio Antenna, Howard I. Becker, 2,452,349, 6 cl
- Direction Finder, Henri G. Busignies and John L. Allison, 2,452,546, 22 cl
- Direction Finder, Maxwell K. Goldstein, 2,452,564, 2 cl
- Direction Finding System, John H. Newitt, 2,452,675, 1 cl
- Radio Direction Finder, Edward N. Dingley, jr., 2,454,783, 4 cl
- Radio-electric Receiver, Particularly for Watch on Broad Frequency Bands, Rene Hardy, 2,454,797, 25 cl
- Radio Position Finding System, James A. Ebeling, 2,455,164, 5 cl
- Radio Direction Finding System, Charlton Stanford Agate and Arthur Henry Cooper, 2,456,666, 16 cl
- Coupling Arrangement, Henri G. Busignies, Trevor H. Clark and Arbor G. Everhart, 2,457,123, 4 cl
- Proximity and Direction Indicator, Frank Ellison Best, 2,457,199, 3 cl
- See also*
- Aircraft Direction Finders
Aircraft Navigational Aids
Antennas Directional
Beacons
Marine Radar
Navigational Aids
Radar
- DISCHARGE Devices**
- Application of fixed spark gap tubes. Modulator Colloquium Mass Inst of Tech Radiation Lab report 50-2 June 9 '43. PB-2871
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- Electron Discharge Device, James E. Clark and Victor L. Ronci, 2,413,689, 14 cl
- Electron Discharge Device, James O. McNally, 2,413,725, 8 cl
- Electron Discharge Device, John W. West, 2,413,738, 15 cl
- Electron Discharge Device, John W. West, 2,414,500, 10 cl
- Electron Discharge Apparatus Incorporating High Frequency Resonators, John Heaver Fremlin, 2,414,517, 8 cl
- Electron Discharge Device, Clifford E. Fay and John W. West, 2,414,805, 12 cl
- Electron Discharge Tube for Ultra High Frequencies, John Henry Owen Harries, 2,415,349, 16 cl
- Non-sputtering Electrode for Mercury Arc Devices, Leonard M. Wittlinger, 2,415,548, 3 cl
- Electron Discharge Device with Beam Deflecting Resonator, Louis Malter, 2,415,749, 11 cl
- Electron Discharge Tube, John Heaver Fremlin, 2,416,299, 3 cl
- Secondary Emissive Shell Resonator Tube, Carlyle V. Parker, 2,416,303, 9 cl
- Electron Discharge Device, William Hotine, 2,416,318, 5 cl
- Dispenser Type Cathode Electric Discharge Device, Elliott J. Lawton, 2,416,661, 13 cl
- Electron Discharge Device, John R. Pierce, 2,416,714, 10 cl
- Electron Discharge Device, Charles T. Goddard, 2,416,799, 5 cl
- Electron Discharge Device, Thomas A. Eaton, 2,416,914, 13 cl
- Electron Discharge Device, Raymond W. Sears, 2,417,450, 20 cl
- Electron Discharge Device, Douglas A. S. Hale and Victor L. Ronci, 2,418,117, 5 cl
- Electron Discharge Device Having Coupled Coaxial Line Resonators, Lloyd P. Smith, 2,419,172, 17 cl
- Electrical Gaseous Discharge Device Having Constant Starting Characteristics, Paul W. Stutsman, 2,419,236, 6 cl
- Electronic Device, Joseph R. Desch and Robert E. Mumma, 2,419,485, 4 cl
- Electron Discharge Tube, John Foster, 2,419,544, 4 cl
- Electron Discharge Device, Joseph P. Laico and Victor L. Ronci, 2,419,572, 6 cl
- Electron Discharge Device, Charles V. Litton, 2,419,578, 14 cl
- Ultra High Frequency Electron Discharge Device Circuit, Charles A. Rosencrans, 2,419,793, 11 cl
- Electron Discharge Device, Gerrit Hendrik Petrus Alma and Bernhardus Gerhardus Dammers, 2,420,345, 3 cl
- Electronic Discharge Device, Harry L. Loudon, 2,422,427, 4 cl
- Spark Gap Discharge Device, Charles Depew, Wallace A. Depp and Alfred N. Luce, 2,422,659, 13 cl
- Electric Discharge, Ultra High Frequency Generating and Switching Tube, Alfred Vang, 2,423,858, 4 cl
- Electron Discharge Device, Joseph D. Schantz, 2,423,998, 7 cl
- High-frequency Electronic Tube, David H. Sloan, 2,424,002, 21 cl
- Gaseous Electric Discharge Lamp, Howard Haynes and Lynn S. Ickis, jr., 2,424,457, 12 cl
- Coil Electrode, Raymond H. Stuart, 2,424,518, 6 cl
- Electric Discharge Device and Electrode Assembly Therefor, William S. Brian, 2,425,593, 15 cl
- Electron Discharge Device, Frederick B. Llewellyn, 2,425,748, 24 cl
- Electron Discharge Apparatus, Frederick B. Llewellyn, 2,426,626, 17 cl
- High-frequency Electric Discharge Device, Donald A. Wilbur, 2,426,656, 10 cl
- Control for Discharge Devices, Gilbert E. Gustafson, 2,426,680, 7 cl
- Spark Gap Device with Cold Electrodes, Edward G. F. Arnott, 2,427,086, 4 cl
- Electric Discharge Device, Edward B. Noel, 2,427,737, 4 cl
- Beam Type Electron Discharge Device, William H. Warren, 2,427,888, 6 cl
- Baffle Arrangement for Vapor Electric Devices, Harold Winograd, 2,428,000, 10 cl
- Electron Discharge Tube for Ultra High Frequencies, Frank Douglas Goodchild and Willem Harry Wolsey, 2,428,020, 14 cl
- Electron Discharge Device, Paul W. Stutsman, 2,428,048, 2 cl
- Means Producing a Steep Wave Front Potential for Control of Electric Discharge Devices, Jean A. Augier, 2,428,604, 5 cl
- High-frequency Electric Discharge Device, James E. Beggs, 2,428,609, 4 cl
- Electric Discharge Device of the Gas Filled Type, Stanley R. Fitzmorris, 2,428,661, 29 cl
- High-frequency Electric Discharge Device, Richard B. Nelson, 2,428,888, 5 cl
- Electron Discharge Device, Edgar K. Wimpy and Leo C. Werner, 2,429,301, 8 cl
- Circuit for Electric Discharge Devices, Eugene Lemmers, 2,429,415, 4 cl
- Control System with Gas Discharge Tube, Phillip J. Cade, 2,429,451, 14 cl
- Ignition Plunger for Electric Discharge Devices with Liquid Cathode, Ervin B. Steinberg, 2,430,653, 3 cl
- Electric Discharge Device, James E. Beggs, 2,430,856, 6 cl
- Electron Discharge Device, Karel van Gessel, 2,431,097, 10 cl
- Electric Discharge Device, Johannes Gijbertus Wilhelm Mulder, 2,431,136, 4 cl
- External Anode with Cooling Fins, Carl H. Scullin, 2,431,144, 5 cl
- Electron Discharge Device Employing a Cavity Resonator, Leon S. Nergaard, 2,431,273, 19 cl
- Electron Discharge Apparatus, Frank Douglas Goodchild and Christopher Henry Foulkes, 2,431,638, 4 cl
- Velocity Modulation Electron Discharge Apparatus, Eugene Feenberg, 2,431,688, 10 cl

DISCHARGE Devices, Patents—Cont'd.

- Electrode Mounting in Electron Discharge Tube, Clayton E. Murdock and Robert Leigh Norton, 2,431,767, 11 cl
- Ionc Discharge Device, Charles Depew, 2,432,513, 15 cl
- Electron Discharge Device Employing Resonators, Andrew V. Haeff, 2,432,571, 19 cl
- Electron Discharge Device, Andrew V. Haeff, 2,433,044, 7 cl
- Electron Discharge Apparatus, Albert M. Skellett, 2,433,403, 9 cl
- Tube Construction, Charles M. Walker and James Raymond Eisan, 2,433,410, 3 cl
- Electric Discharge Tube, Robert C. Hilliard, 2,433,813, 6 cl
- Circuit arrangement utilizing a plurality of electron discharge devices, Everett T. Burton, 2,434,259, 13 cl
- Grid Structure in Electron Discharge Devices, Anson J. Gerner, 2,434,494, 2 cl
- Filament Tensioning Means in Electron Discharge Device, Leo C. Werner, 2,434,529, 3 cl
- Light Sensitive Electric Discharge Device, Elmer D. McArthur, 2,434,622, 20 cl
- Electric Space Discharge Circuits, Fred H. Kroger, 2,434,704, 46 cl
- Control Switch for Discharge Lamps, Wilber M. Johnson and Leonard Cook, 2,434,768, 3 cl
- Electron Discharge Device, Maurice Arditl, 2,434,895, 10 cl
- Electronic Tube and Control Therefor, Palmer H. Craig, 2,435,202, 3 cl
- Electron Velocity Sorting Discharge Device, Paul L. Hartman, 2,435,586, 2 cl
- Supporting Structures for the Electrodes of Electron Discharge Devices, François Joseph Gerard van den Bosch and Ernest Thomas James Tapp, 2,436,734, 3 cl
- Control Circuit for Gas Discharge Tubes, Paul W. Stutsman, 2,436,835, 6 cl
- Coaxial Spark Gap, Edward M. Wiler, 2,436,845, 6 cl
- Ultra High Frequency Electric Discharge Device, William J. Scott and Christopher J. Milner, 2,437,130, 3 cl
- Electrical Discharge Device Employing a Pool-type Cathode, Howard E. Zuvers, 2,437,146, 6 cl
- Space Discharge Device, William C. Brown, 2,437,240, 3 cl
- Electron Discharge Apparatus, Albert M. Skellett, 2,437,274, 9 cl
- High-power Microwave Discharge Tube, Percy L. Spencer, 2,437,279, 11 cl
- Annular Electronic Tube, Albert G. Thomas, 2,437,365, 4 cl
- Electron Discharge Tube with Partially Coated Grid, Eduard Gerardus Dorgelo, 2,437,941, 3 cl
- Electron Discharge Device, Donald L. Snow, 2,438,132, 19 cl
- Mercury Pool Electronic Device, Edward G. F. Arnott, 2,438,139, 7 cl
- Gaseous Discharge Device, F. Alexander, 2,438,356, 5 cl
- Circuit for Electric Discharge Devices, Theodorus Hehenkamp, 2,438,556, 3 cl
- Electric Gas Discharge Tube, Pieter Schouwstra, 2,438,579, 6 cl
- Electron Discharge Device, Paul Georges Chevigny and Gerard J. Lehmann, 2,438,899, 10 cl
- Condenser Discharge Control Circuit, Sidney Frankel and Martin Silver, 2,438,907, 10 cl
- Electron Discharge Device, David B. Langmuir, 2,439,173, 10 cl
- Electron Discharge Device, Homer G. Anderson, 2,439,786, 2 cl
- Movable Electrode Tube, William C. Marshall, 2,439,942, 9 cl
- Electron Discharge Device Employing Cavity Resonators, Andrew V. Haeff, 2,440,089, 15 cl
- Gas Discharge Lamp, Miles Pennybacker, 2,440,832, 4 cl
- Electron Discharge Device of the Magnetron Type, John S. Donal, jr., Barremore B. Brown and Carmen Louis Cuccia, 2,440,851, 8 cl
- Electron Discharge Device, Luther Grant Hector, George W. Baker and Peter A. Muto, 2,441,224, 7 cl
- Electrode for Discharge Devices, William P. Zabel, 2,441,863, 2 cl
- Excitation System for Vapor Electric Valves, John L. Boyer and Herbert A. Rose, 2,441,987, 13 cl
- Electron Discharge Device, Victor L. Ronci, 2,442,378, 6 cl
- Electric Discharge Device Comprising an Exhaust System, Frans A. Heyn, 2,442,493, 4 cl
- Mixing Tube, Gerrit Hendrik Petrus Alma, Henny Cohn and Hendricus J. Landsbergen, 2,442,576, 4 cl
- Exhaust Tube Arrangement in Flat Disc Press Electron Discharge Devices, Hendricus Johannes Lemmens, Johan Lodewijk Hendrik Jonker and Otto Louis van Steenis, 2,442,608, 6 cl
- High-frequency Translating Apparatus, Liss C. Peterson, 2,442,662, 7 cl
- Gaseous Discharge Device, Paul W. Stutsman, 2,443,205, 13 cl
- Envelope and Electrode Structure for Electric Discharge Devices, Kenneth C. De Walt, 2,443,444, 2 cl
- Electron Discharge Device of the Cavity Resonator Type, Thomas H. Kinman and Leonard J. Davies, 2,443,463, 4 cl
- Electron Discharge Tube, Marcus A. Acheson and Paul Haas, 2,443,528, 3 cl
- Electron Discharge Tube, Paul Haas, 2,443,535, 13 cl
- Electrode for Gaseous Discharge Devices, Samuel C. Miller, 2,443,633, 6 cl
- Wave Guide Discharge Tube Socket Assembly, James M. Lafferty, 2,443,917, 4 cl
- Electronic Discharge Device, Arthur F. Short, 2,444,068, 6 cl
- Electron Discharge Device of the Magnetron Type, Louis A. Williams, 2,444,080, 4 cl
- Flexible Electrode Support for Electron Discharge Devices, Ross Wood, 2,444,082, 8 cl
- Ion-discharge Tube, Johannes Gijsbertus Wilhelm Mulder, 2,444,204, 10 cl
- Electric Discharge Lamp, Stanford Winston Cram, 2,444,397, 2 cl
- Electric Gaseous Discharge Lamp Circuit, Carl M. Larime, 2,444,408, 2 cl

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- Electrode Structure for Multigrid Electron Discharge Tubes, Johan Lodewijk Hendrik Jonker, 2,444,740, 3 cl
- Electron Discharge Device, Phillip J. Cade, 2,444,-915, 3 cl
- Ignition Circuits for Vapor Discharge Devices, John W. Dawson and Hans Klemperer, 2,444,921, 3 cl
- Luminous Electrical Discharge Device, Clarence H. Van Orden, 2,445,012, 4 cl
- Electron Discharge Device and Associated Circuit, Robert P. Stone, 2,445,237, 7 cl
- Electron Discharge Device and Associated Circuit, Bernard Joseph Mayo, 2,445,404, 4 cl
- Electron Discharge Device Utilizing Cavity Resonators, Stuart T. Martin, jr., 2,445,447, 9 cl
- Electrical Discharge Device and Base, Ward W. Watrous, jr., 2,445,462, 11 cl
- Electric Discharge Device, Eugene Lemmers, 2,445,-678, 10 cl
- Modulable Electric Discharge Lamp, Eugene Lemmers, 2,445,679, 1 cl
- Electron Discharge Device of the Velocity Modulation Type, John Heaver Premlin and Christopher Strachey, 2,445,771, 6 cl
- Electronic Discharge Tube and Circuits Therefor, Jacob Kruithof and Lucien Alfred Benoit Cabes, 2,445,782, 3 cl
- Cathode Structure, James E. Beggs, 2,445,993, 12 cl
- Ultra High Frequency Electric Discharge Device and Cavity Resonator Apparatus Therefor, Elmer D. McArthur and James E. Beggs, 2,446,017, 11 cl
- Electrode, Erwin F. Lowry, Arnold L. Peacock and William E. Leyshon, 2,446,157, 12 cl
- Differentiating Discharge Tube, Madison Cawein, 2,446,260, 7 cl
- Very High Frequency Electric Discharge Tube, Kornelis Swier Knol and Johannes Marinus van Hofweegen, 2,446,374, 4 cl
- Electron Tube Structure, Elmer D. McArthur, 2,446,379, 10 cl
- Electron Discharge Device, Palmer P. Derby, 2,446,-531, 5 cl
- Control Circuit for Gas Discharge Tubes, John H. England, 2,446,533, 7 cl
- Electrical Discharge Tube, John S. Hickey and William H. Teare, 2,446,765, 6 cl
- Ultra High Frequency Electric Discharge Device, 2,446,825, 1 cl
- Device for Regulating Electrical Discharge, Tullio Tognola and Maurice S. Thorn, 2,447,377, 8 cl
- Grid Electrode for Electron Discharge Devices, Roger Gluntz, 2,447,501, 7 cl
- Electric Discharge Tube, Nicolaas Warmoltz, 2,447,-781, 1 cl
- Coated Anode for Electron Discharge Devices, Paul D. Williams, 2,447,973, 1 cl
- Electron Discharge Tube, Paul W. Stutsman, 2,448,-559, 6 cl
- Cathode Structure for Electron Discharge Devices, Charles R. Blazier and Douglas A. S. Hale, 2,448,-573, 10 cl
- Electric Discharge Device, Hal Frederick Fruth, 2,449,113, 4 cl
- Electric Discharge Tube Base, Pieter Harm Fenema, Johan George Kronouer and Frits Prakke, 2,449,374, 4 cl
- Electron Discharge Device, Howard L. Steele, jr., 2,449,794, 15 cl
- Electron Discharge Vessel, Arno Brasch and Wolfgang Huber, 2,449,872, 18 cl
- Reversely-connected Electric Discharge Device System, Arthur F. Cann, 2,450,032, 2 cl
- Electric Discharge Device, Harry Kenneth Ishler, 2,450,197, 17 cl
- Thermionic Discharge Tube with Electronic Velocity Filter, Andres Levaldi, 2,450,602, 11 cl
- Protective Device and the Manufacture Thereof, Ward W. Watrous, jr., 2,451,184, 9 cl
- Electron Discharge Device Employing Cavity Resonator Apparatus, Charles A. Rosencrans, 2,451,-240, 5 cl
- Electron Discharge Device for Ultra High Frequencies, Philip T. Smith and Howard R. Hegbar, 2,451,249, 17 cl
- Dark Trace Screen, Humboldt W. Leverenz, 2,451,-292, 4 cl
- Rugged Gaseous Discharge Triodes, Arnold R. Moore, 2,451,297, 2 cl
- Ultra High Frequency Electron Discharge Device, Christopher Henry Foulkes, 2,451,328, 4 cl
- Electron Discharge Device having an Electron Beam Passage and Aligning Means Therewith for the Cathode, Paul M. Dickerson, 2,451,813, 6 cl
- Electrical Discharge Device and Base, Irving Zambakian and Ward W. Watrous, jr., 2,451,900, 18 cl
- Electrical Discharge Tube Circuits, Ashley P. Bock, 2,451,910, 4 cl
- Electric Discharge Device, David Lorimer Smart, 2,451,988, 8 cl
- Gaseous Discharge Lamp Circuit, Albert E. Feinberg, 2,452,026, 4 cl
- Electrical Discharge Tube, James D. Le Van, 2,452,-062, 7 cl
- Velocity Modulation Electron Discharge Tube, Charles G. Smith, 2,452,075, 15 cl
- Thermally Tunable Electron Discharge Device, Percy L. Spencer, 2,452,078, 3 cl
- Electron Discharge Apparatus, Raymond W. Sears, 2,452,157, 16 cl
- Electron Discharge Device Employing Cavity Resonators, Leon S. Nergaard, 2,452,317, 8 cl
- Electron Discharge Device Utilizing Cavity Resonators, Leon S. Nergaard, 2,452,318, 7 cl
- Method of Regeneration of Electron Discharge Devices, Jiri Stivin, 2,452,401, 7 cl
- Electron Discharge Apparatus using Velocity Modulated Beams, William Thomas Gibson, 2,452,-561, 4 cl
- Electric Discharge Tube with Deflection Control, Adrianus Johannes Wilhelmus Marie van Overbeck, 2,453,647, 5 cl
- Electrode Structure, Duryea E. Elmendorf, 2,453,-978, 1 cl
- Method of Fabricating Electron Discharge Devices, William A. Hayes, 2,454,318, 6 cl
- Grid Support Structure, Lucien B. Curtis, 2,454,377, 9 cl
- Button Stem for Electron Discharge Devices, Thomas J. Henry, 2,454,384, 10 cl

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- Ultra High Frequency Electric Discharge Device, James M. Lafferty, 2,454,560, 52 cl
- Electric Discharge Tube, Wilhelmus Antonius Roovers, 2,454,572, 4 cl
- Electric Space-discharge Device, Lester H. Smith, 2,454,757, 6 cl
- Ultra High Frequency Device, Wilmer L. Barrow and Walter W. Miesher, 2,454,761, 27 cl
- Electron Discharge Apparatus, Christopher Henry Foulkes, 2,454,786, 10 cl
- Vacuum Tube and Mounting Therefor, William Thomas Gibson, 2,454,791, 6 cl
- Cathode Assembly for Electron Discharge Devices, Jack A. Morton and Lawrence J. Speck, 2,455,381, 8 cl
- System for Operating Electric Discharge Tubes, Camillo Masciarelli, 2,455,791, 1 cl
- Improved Electrode and Envelope Structure for Electric Discharge Devices, James E. Beggs, 2,455,851, 13 cl
- Control Grid for Electric Discharge Devices and Method of Making Same, Arthur R. Koch, 2,455,868, 7 cl
- Multielement Electron-discharge Device, Percy L. Spencer, 2,455,957, 7 cl
- Discharge Tube, Theodorus Hagenberg, 2,455,993, 3 cl
- Electric Discharge Device, Joseph A. Wainwright, 2,456,474, 7 cl
- Electrode Structure for Electron Discharge Tubes, Earl K. Smith, 2,456,540, 19 cl
- Electron Discharge Device for Ultra High Frequencies, Don G. Burnside, 2,456,579, 27 cl
- Secondary Electron Emission Tube, Walter Soller, 2,456,654, 6 cl
- Electric Discharge Apparatus, John H. Campbell, 2,456,859, 4 cl
- Electric Discharge Apparatus, John H. Campbell, 2,456,860, 2 cl
- Circuit for Electric Discharge Devices, Victor J. Francis and Evan H. Nelson, 2,456,870, 5 cl

See also

Capacitors
Gaseous Tubes
Rectifiers, Ignitron

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- Doppler effect in propagation. R. E. Burgess and others. *Wireless Eng* 24:248, Aug 279 Sept '47
- Effect of Doppler's principle on the comparison of standard frequencies over a transatlantic radio path. C. F. Booth and G. Gregory. *P.O. Elec Eng Jour* 40 pt 4:153-8 Jan '48
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- Compensator for Doppler Effect, Oscar Hugo Schuck, 2,438,580, 5 cl
- Ground Speed Indicator Utilizing Doppler Effect, Earl I. Anderson, 2,445,639, 1 cl

See also

Propagation of Waves
Radar

DYNAMOTORS

See Motors and Generators

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- Calculation of the electromagnetic energy dissipated in a medium with selective absorption. H. Arzelles. *Ann Phys (Paris)* 2:536-44 Sept and Oct '47
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- Apparatus for Automatic Control of Heat Input to Stillpots, Edward H. Epprecht, 2,455,243, 5 cl
- Control Device, Vilynn O. Beam, 2,455,350, 30 cl
- Electronic Temperature Control, Miles A. McLennan, 2,455,379, 11 cl
- Thermostat-controlled Heater Circuit, Theodore E. Sippel, 2,455,387, 5 cl
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- High-frequency Apparatus, Thomas James Boerner and John W. Sanborn, 2,439,682, 3 cl
- Electric System for Controlling Motions, Max Lattman, 2,440,147, 1 cl
- Automatic Regulating System having a Movable Control Element and a Follow-up Element, Robert Hayes Nisbet, 2,440,183, 9 cl
- Convection Current Responsive Instrument, Vladimir K. Zworykin, 2,440,189, 10 cl
- Welding System, John W. Dawson, 2,440,247, 11 cl
- Alternating Current Hoist Control, William R. Wickerham, 2,440,319, 17 cl
- Controller Affording Automatic Stopping of Motor-driven Machinery, John L. Defendorf and Victor S. Sywuika, 2,440,849, 11 cl
- Capacitor Discharge Welding System, Edwin M. Callender, 2,440,892, 3 cl
- Intermittent Power Control with End Period Meter, Benjamin Cooper and Charl D. Cillie, 2,440,932, 13 cl
- Variable Frequency Continuous Balance Translation System, Karl Rath, 2,441,035, 8 cl
- Variable Voltage System of Motor Control, Jesse E. Jones and Oliver P. Proudfoot, 2,441,271, 12 cl
- Signal Level and Phase Control, William H. Sayer, 2,441,334, 1 cl
- Rematching Relay Control System, Eugene Mittelmann, 2,441,435, 5 cl
- Unit Transmitter and Signaling System, Manfred W. Muehter, 2,441,502, 6 cl
- Radiant Energy Operating Positioning Control, Harvey J. Finison, 2,441,568, 6 cl
- Variable Voltage Control, Eugene H. Haug, 2,441,814, 1 cl
- Electric Regulating Apparatus, Eugene H. Haug, 2,441,967, 12 cl
- Welding Control System, Robert W. Price, 2,442,017, 7 cl
- Synchronizing of Alternating Voltage Sources, Dennis Clark Espley and Derek Oscar Walter, 2,442,123, 7 cl
- Automatic Control Synchronizer, Raymond E. Ruth and Robert L. Harvey, 2,442,149, 11 cl
- Flash Control System, Spencer L. Bellinger, 2,442,189, 4 cl
- Control Circuits for High-frequency Electronic Converters, John L. Boyer, 2,442,258, 13 cl
- Electric Control Circuit, Jerry L. Stratton, 2,442,518, 9 cl
- Electron Control Tube, Bernard C. Gardner, 2,442,848, 11 cl
- Pulse Controlled Selector Circuit, Daniel Giannante, 2,442,872, 6 cl
- Automatic Group Control with Coordinated Sequence Checking Device, David W. Rubidge, 2,442,987, 11 cl
- Capacitor Control System, Ralph R. Pittman and Paul G. Whitmore, 2,443,117, 9 cl
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- Control of Flash Butt Welders, Melvin M. Seeloff, 2,443,965, 12 cl
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- Control System, Leroy U. C. Kelling, 2,444,261, 11 cl
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- Circuit Control Apparatus, Carl E. Mosley, 2,444,745, 1 cl
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- Reactor Operated Electronic Control System, Konstanty P. Puchlowski, 2,445,454, 9 cl
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- Temperature Responsive Control Device, Robert A. Wittmann, 2,446,353, 7 cl
- System for Controlling Lighting Circuits, Edward F. Ziegler, 2,446,450, 15 cl
- Thermostatic Safety Control for Fuel Burners, William A. Ray, 2,446,718, 12 cl
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- Electrical Control System, Omer E. Bowlus, 2,447,111, 21 cl
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- Traffic Actuated Signal Controller, Alvin O. Olafson, 2,448,113, 20 cl
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- Control Apparatus, Harold S. Ackerman, 2,449,538, 5 cl
- Electric Control Circuit, Harold W. Ainsworth, 2,450,216, 4 cl
- Electrical Control Circuit for Indicating Movements of Position Indicators, James Robert Lindsay, 2,450,479, 3 cl
- Welding System, Robert L. Ringer, jr. and Clyde E. Smith, 2,450,614, 22 cl
- Welding System, Hans Klemperer, 2,451,496, 2 cl
- Electrical Control System, George C. Pearce, 2,451,576, 6 cl
- Method of Controlling Phase Relationships in an Electronic Circuit, Cleve C. Nash, jr., 2,451,861, 2 cl
- Electronic Control System, John H. Wyman, 2,451,898, 8 cl
- Electric Regulator, Jerry L. Stratton, 2,452,611, 11 cl
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- Refrigerating Control Apparatus, Alwin B. Newton, 2,453,584, 19 cl
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Lamp Circuit, Carl E. Atkins and Frank Furedy, 2,425,297, 6 cl

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Starting Circuit for Gaseous Discharge Devices, Paul W. Stutsman, 2,446,199, 4 cl

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Transmission measuring set for 0.1 to 11c/s. J. E. Bryden. Electronic Eng 19:77 Mar, 125 Apr '47

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- Resistance Thermometer, George Keinath, 2,444,410, 2 cl
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- Temperature Responsive Measuring System, Anthony J. Hornfeck, 2,447,338, 15 cl
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- Voltage Ratio Recorder, Theodore A. Rich, 2,420,193, 5 cl
- Method and Means for Measuring Power Output of High-Frequency Signal Generators, William A. Stewart, 2,421,724, 12 cl
- Reactive Current Indicator, Alan Warnick, 2,424,131, 6 cl
- Electrical Apparatus, Kenneth W. Pfeleger, 2,425,002, 6 cl
- Circuit for Measuring Minimum Values of Unidirectional Voltage Pulses, John R. Boykin, 2,425,987, 4 cl
- High-frequency Thermocouple, Odell G. McAninch, 2,431,953, 4 cl
- Dissipative Load and Wattmeter for Ultra High Frequency Electric Power, Eric Balliol Moullin, 2,435,597, 6 cl
- Rectifying Network for Measuring Alternating Currents, Lionel Jofeh, 2,440,200, 6 cl

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Cathode-ray Power Indicator, Robert P. Owen, 2,445,964, 4 cl

Sensitive Direct-current Measuring Apparatus, Theodore A. Rich, 2,449,413, 4 cl

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Apparatus for Measuring Short Time Intervals, Maurice Moise Levy, 2,419,576, 5 cl

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Phase Meters
Waveform Analysis
Wavemeters

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- Photoelastic Blast Pressure Gauge, Harry B. Maris, 2,415,436, 8 cl
- Linear Speed Indicator, Claude M. Hines, 2,415,492, 1 cl
- Selective Indication Apparatus, Willard P. Place, 2,415,654, 4 cl
- Electrical Measuring Instrument, Frederick J. Lingel, 2,416,835, 5 cl
- Recorder with Magnetically Positioned Indicator, Rew E. Woolley, 2,417,339, 1 cl
- Mass Spectrometer, John A. Hipple, jr., 2,417,797, 2 cl
- Permanent Brake Magnet for Electricity Meters, August Hungerbühler and Woldemar Labhardt, 2,418,261, 3 cl
- Drift Meter, Stephen Doba, jr., 2,418,465, 4 cl
- Magnetic Vane Type Ratiometer, Howard D. Warshaw, 2,419,612, 6 cl
- Electrocardiotachometer, Victor Guillemin, jr., 2,419,682, 6 cl
- Compensated Photoelectric Photometer Circuits, Monroe Hamilton Sweet, 2,420,058, 19 cl
- Indicator Circuit for Signals Below Audibility, Harry J. Woll, 2,420,404, 4 cl
- Magnetometer, Leland L. Antes, 2,420,580, 7 cl
- Induction Type Electricity Meter, John Prince, 2,421,285, 3 cl
- Indicating Dial for Photoelectric Light Meters, Robert D. Hickok, 2,421,504, 9 cl
- Electrical Ratio Indicating Instrument, Herman D. Jackes, 2,422,240, 5 cl
- Meter for Measuring Moisture Content, Paul H. Odessey, 2,422,742, 13 cl
- Miniature Electric Meter, Julian H. Bigelow, Jack M. Harris and M. Norman Schweizer, 2,422,714, 8 cl
- Peak Transient Meter, Donald F. Alexander, 2,422,766, 5 cl
- High-frequency Ammeter and Power Meter, Henry H. Grimm, 2,423,447, 6 cl
- Measuring, Recording and Controlling Apparatus, John A. Caldwell, 2,423,479, 43 cl
- Reflectometer for Waveguide Transmission Lines, Carl G. Sontheimer and Nathaniel I. Korman, 2,423,526, 6 cl
- Multiunit, Single Scale Oximeter, Bernard Smaller, 2,423,855, 4 cl
- Power Factory Indicating Apparatus, Harold A. Strickland, jr., 2,425,133, 7 cl
- Tachometer Calibrator, Delbert J. Ward, 2,425,289, 26 cl
- Pointer Return Device, Clarence A. de Giers and Abraham Edelman, 2,425,366, 7 cl
- Supporting Means for the Moving Elements of Electrical Indicating Instruments, Howard Butler, 2,425,595, 7 cl
- Magnetic Couple for Flowmeters or the Like, Nathaniel Brewer, 2,425,691, 11 cl
- Means for Reading the Indication of Measuring Instruments, George Clifford Hartley, 2,426,209, 2 cl
- Force Determining Device, Hans D. Isenberg, 2,426,396, 4 cl
- Meter Pivot, Robert D. Hickok and Lawrence D. Montgomery, 2,427,529, 2 cl
- Magnetic Field Strength Indicator, Edwin P. Felch, jr. and Thaddeus Slonczewski, 2,427,666, 21 cl
- Multiple Self-balancing Metering System, Henry M. Schmitt, 2,427,881, 15 cl
- Ratiometer, Earl W. Fleming, 2,428,209, 5 cl
- Meter Control Device and System, Frederick G. Kelly, 2,428,229, 11 cl
- Meter Box, Ernest G. Johansson, 2,429,093, 9 cl
- Means for Metering High-frequency Current, Joseph A. Frabutt, 2,429,614, 6 cl
- Electrical Measuring Instrument, Myron S. Wilson and Francis M. Learned, 2,430,317, 9 cl
- Bus Bar Mounted Ammeter, Stephen S. Grady, 2,430,465, 7 cl
- Electrical Remote-reading Position-indicating Apparatus, Albert G. Conrad and Fritz E. Hiller, 2,430,757, 4 cl
- Gauging Device, Arthur W. Wiseman and J. Willard Welker, 2,431,099, 5 cl
- Phase Indicator, Morris Dichter, 2,431,794, 4 cl
- Spring Controlled Index Registering Photoelectric Exposure Meter, Earl W. Clark, 2,433,648, 3 cl
- Earth Inductor Compass, Henry Lehde, 2,434,324, 1 cl
- Efficiency Meter, John R. Boykin, 2,434,544, 5 cl
- Balanced Alternating Current Excited Vacuum Tube Meter, John M. van Beuren and Elton Conrad, 2,434,822, 4 cl
- Vacuum Tube Meter, John M. van Beuren and Elton Conrad, 2,434,823, 2 cl
- Measuring and Controlling Apparatus, Harry S. Jones, 2,436,720, 22 cl
- Magnetic Field Measuring Device, Robert E. Burroughs, 2,437,374, 1 cl
- Reflex Thermal Electric Meter, Millard E. Ames, jr. and David E. Sunstein, 2,437,449, 8 cl

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Electrical Measuring Instrument, Douglass A. Young, Lawrence J. Lunas and Bernard E. Lenehan, 2,438,027, 16 cl

Ratio Computing Phase Shift Indicator, Reynold B. Johnson and Clinton E. Larrabee, 2,438,056, 13 cl

Magnetic Field Detector, David H. Cunningham and Herbert Belar, 2,438,964, 1 cl

Speed Responsive Apparatus, Laurens Hammond and John M. Hanert, 2,439,295, 4 cl

Flickering Beam Photometer, Edwin I. Stearns, jr., 2,439,373, 2 cl

Heartbeat Rate Indicating Apparatus, Ralph E. Sturm, 2,439,495, 27 cl

Electrocardiograph, Paul Traugott, 2,439,640, 7 cl

Volt-ampere Meter, Harry C. Wendt, 2,439,835, 4 cl

Selective Metering System with Supervised Control Device, John L. Bower, 2,440,002, 4 cl

Electrical Hook-on Meter System, Thomas B. Brown, 2,440,244, 9 cl

Magnetic Gradiometer, Charles H. Fay, 2,440,503, 4 cl

Double Concentric Air Gap Permanent Magnet Instrument, Frank Baranowski, jr., 2,440,535, 3 cl

Electronic Comparator Densitometer, Elihu Craig Thomson, 2,442,910, 13 cl

Strain Gauge Center of Gravity and Gross Weight Meter, Peyton M. Magruder and Welcome W. Bender, jr., 2,443,045, 4 cl

Data Transmitting and Indicating System, Walter Koenig, jr., 2,443,623, 8 cl

Manometer, Charles Morgan Wolfe, 2,445,200, 19 cl

Fluxion Meter, Charles A. Hisserich, 2,447,336, 13 cl

Field Control for Transformer Torquemeter Signal Coils, Edmund C. Capuzzi, 2,447,734, 3 cl

Magnetometer, Charles H. Fay, 2,447,849, 3 cl

Magnetometer, John D. Seaver, 2,447,880, 5 cl

Detonation Meter, Raymond G. Piety, 2,448,322, 16 cl

Detonation Meter, Deslonde R. de Boisblanc, 2,448,323, 5 cl

Plural System of Sequentially Responsive Instruments, Robert H. Postal, 2,448,461, 10 cl

Flutter Predicting Apparatus, Maurice A. Biot and Thomas H. Wiancko, 2,448,698, 7 cl

Electric Field or Potential Indicator, Ross Gunn, 2,449,068, 8 cl

Inductive Electrical Indicator with Compensated Damper, Horace M. Norman, 2,451,404, 4 cl

Induction Magnetometer, Alex Frosch, 2,451,819, 4 cl

Impulse Transmitter for Metering Systems, Carl Oman, 2,451,971, 2 cl

Electrical Ratio Meter Circuit, Knud J. Knudsen, 2,452,244, 18 cl

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Electrostatic Microwave Energy Measuring Apparatus, Lowell E. Norton, 2,453,532, 14 cl

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Piezoelectric Device for Converting Pressure Variations into Potential Variations, Willem Hendrik Stigter, 2,454,264, 9 cl

Pressure Meter, Frank Rieber, 2,455,021, 7 cl

Dual Electric Instrument, Roswell W. Gilbert, 2,455,167, 2 cl

Accelerometer, High E. Webber, 2,455,394, 16 cl

Ionization Gauge Circuits, Gerhard R. Nagel and Merriam E. Johnson, 2,455,437, 1 cl

Light Responsive Displacement Indicator, David E. Sunstein, 2,455,532, 8 cl

Method of and Apparatus for Measuring the Electrical Properties and Surface Characteristics of Materials, Morris Muskat and Norman D. Coggeshall, 2,456,012, 2 cl

Salinity Metering System, Anton M. Feller, 2,456,117, 4 cl

Electrical Measuring Instrument, Herbert A. Bernreuter, 2,456,171, 13 cl

Mass Spectrometer System, Alfred O. C. Nier and Edward P. Ney, 2,456,426, 12 cl

Electrical Measuring Instrument, Harry A. Alter, 2,456,667, 7 cl

Mass Spectrometry, Robert V. Langmuir, 2,457,162, 10 cl

Means and Method of Indicating Acceleration, Charles R. Abraham, 2,457,620, 2 cl

Torque Meter, Edward J. Martin and Walter E. Sargeant, 2,457,700, 12 cl

Electrical Measuring System, Clare M. Rifenbergh, 2,457,727, 11 cl

Electron Multiplier Tube Circuits, Monroe H. Sweet, 2,457,747, 20 cl

See also

Analyzers
 Bolometers
 Chronometers
 Frequency Meters and Measurement Systems
 Galvanometers
 Instrumentation
 Measurements
 Ohmmeters
 Oscilloscopes and Oscillographs
 Phase Meters
 Q Meters
 Test Equipment
 Voltmeters
 Wattmeters
 Wavemeters

MICROPHONES

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- Microphone Boom, Byron F. Ryan and Elmer H. Smith, 2,421,437, 15 cl
- Microphone, Roelof Vermeulen, 2,421,820, 9 cl
- Submarine Signal Microphone, William J. Brown, 2,425,594, 4 cl
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- Balanced Granular Microphone, Louis R. Burroughs, 2,435,920, 8 cl
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- Condenser Microphone, Noble E. Brewer, 2,445,821, 7 cl
- Microphone Adapted to be Actuated by a Bone Structure of a User, William R. Blair and Albert E. Woodruff, 2,451,317, 9 cl
- Combination Microphone and Control Means for Dictating Machines, Gustav F. Braun, 2,452,830, 4 cl
- Microphone Pickup and Volume Control, Harry De Armond, 2,455,567, 2 cl
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- Electrical Dynamometer, Aage M. Jacobsen, 2,432,900, 8 cl
- Motor-generator, Lewis C. Packer, 2,433,390, 2 cl
- System for Parallel Operation of Generators, William G. Neild, 2,433,621, 7 cl
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- Self-starting Synchronous Motor, Eugene L. Schellens, 2,436,231, 10 cl
- Alternating Current Motor Starting by Means of Capacitors, Merritt A. Hyde and Ralph E. Marbury, 2,436,302, 2 cl
- Dynamoelectric Machine, John D. Miner and Joseph E. Mulheim, 2,436,320, 8 cl
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- Shaded-pole Synchronous Motor, Alfred F. Welch and John R. Enochs, 2,437,142, 11 cl
- Rotor for Synchronous Electric Motors, Jay Rose, 2,437,922, 1 cl
- Control Mechanism, Paul R. Gley, 2,440,083, 5 cl
- Delayed Start Alternating-current Motor, Olen G. Coffman, 2,440,896, 4 cl
- Electrical Circuit, James Robert Lindsay, 2,441,497, 4 cl
- Power Factor Control, Alpheus J. Dolan, 2,441,995, 7 cl
- Dynamoelectric Machine, Paul D. Ross, 2,442,213, 3 cl
- Synchronous Electric Motor, Cyrus Swift, 2,442,316, 12 cl
- Synchronous Induction Motor, William A. Tolson and Carl A. Meneley, 2,442,626, 6 cl
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- Magnetic Rotator for Telescribers, Wallace A. Lauder and Edward F. Cahoon, 2,442,853, 6 cl
- Alternating-current Commutator Dynamoelectric Machine, Carl S. Roys, 2,442,861, 10 cl
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- Commutator Brush Holder, Martin J. Neuner, 2,443,266, 10 cl
- Dynamoelectric Machine, Clairmont J. Herman, 2,443,455, 11 cl
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- Reversible Motor, Robert F. Johnson, 2,443,459, 9 cl
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- Synchronous Electric Motor, Walter Kohlhausen, 2,444,164, 3 cl
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- Rotary Amplifier, Bernard Litman, 2,445,788, 5 cl
- Shaded Pole Motor, Clarence B. Walworth, jr., 2,445,813, 18 cl
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- Dynamoelectric Machine, Harold M. Martin, 2,448,381, 10 cl
- Motor Drive for Brushes and the Like, Gilbert B. Mirus, 2,448,614, 2 cl
- Electric Timing Motor, Joseph Lemire, 2,448,812, 2 cl
- Brush Holder for Electric Motors, Victor Weber, 2,448,850, 7 cl
- Surge Generator, Stanley D. Livingston, 2,448,897, 6 cl
- Dynamoelectric Machine, Maurice D. Stahl, 2,449,021, 5 cl
- Commutator Apparatus, Nils E. Lindenblad, 2,449,078, 5 cl
- Method of Manufacturing Commutators, George L. Moeller, 2,449,309, 1 cl
- Fan-cooled Motor, James H. Penney, 2,449,502, 6 cl
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- Rotary Amplifier, Willard G. Cook, 2,451,921, 10 cl
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- Synchronous Electric Motor, Emra D. Bacon, 2,454,026, 15 cl
- Dual Generator Ventilation, Clarence A. Atwell and Erich O. Mueller, 2,454,120, 4 cl
- Two-speed Single-phase Motor, Theodore E. M. Carville, 2,454,136, 8 cl
- Electric Motor, Francis H. Gerlach and John D. Miner, jr., 2,454,155, 3 cl
- Frame Structure of Dynamoelectric Machines, Francis J. Johns, 2,454,180, 20 cl
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- Electrical Machine, Theodore W. Vickers, 2,454,359, 19 cl
- Eddy-current Torque Apparatus, Martin P. Winther, 2,454,364, 16 cl
- Explosion-proof Motor, Donald M. Berges, 2,454,371, 5 cl
- Combination Step-by-step and Induction Motor, Joseph T. McNaney, 2,454,519, 10 cl
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- Electrical Motor, Harrison D. Brailsford, 2,457,637, 7 cl
- Fluidproof Winding Element, Frank J. Sigmund and William S. Hlavin, 2,457,740, 12 cl
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- Motor Overload Protection, Percy W. Robinson, 2,414,331, 7 cl
- Antiplugging Device, Charles J. Burgy, 2,414,357, 8 cl
- Electric Motor Position Control System, Francis L. Mosley, 2,414,384, 45 cl
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- Regulating System, Lester G. Tubbs, 2,414,570, 5 cl
- Follow-up Control System, Ernst F. W. Alexander, Martin A. Edwards and Kenneth K. Bowman, 2,414,685, 13 cl
- Follow-up Control System, Martin A. Edwards, 2,414,689, 17 cl
- Positional Control System, Martin A. Edwards, 2,414,690, 13 cl
- Prevention of Interference from Operation of Step-by-Step Motor, Richard F. Post, 2,414,787, 12 cl
- Follow-up Control System, Ernst F. W. Alexander, 2,414,919, 16 cl
- Follow-up Control System, Martin A. Edwards and Hugh M. Ogle, 2,414,936, 9 cl
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- Motor Control Circuit, Robert H. Hill and Edward M. Claytor, 2,415,170, 18 cl
- Induction Motor Load Relay System, Eric Pell, 2,415,189, 14 cl
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- Electrical Control Apparatus, Richard C. Webb, 2,415,469, 8 cl
- Follow-up System, Ernst F. W. Alexander, 2,416,562, 5 cl
- Follow-up Control System, Sidney Godet, 2,416,579, 5 cl
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- Plural Series Alternating Current Motor Control System, Lloyd J. Hibbard, 2,417,755, 15 cl
- Auxiliary Device for Stopping Motors, Michel N. Yardeny, Robert Bernas and Leon Kardorf, 2,417,795, 4 cl
- Electric Motor Speed Control Circuits, Paul Glass, 2,417,868, 14 cl
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- Machine Tool Controller, Walter E. Addicks and Robert O. Perrine, 2,418,149, 7 cl
- Self-synchronous Motion Reproducing System, Joel D. Peterson, 2,418,193, 13 cl
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- Motor Control, Francis J. Johns and Herbert W. Howard, 2,419,141, 1 cl
- Electric Motor Control for Series-parallel Operation, Robert M. Strong, 2,419,178, 8 cl
- Position Regulator, Clinton R. Hanna and Edward R. Wolfert, 2,419,210, 10 cl
- Induction Motor Speed Control, Lawrence S. Williams, 2,419,431, 5 cl
- Control System, Thomas H. Petch, jr. and Hugh W. C. Liddiard, 2,419,462, 8 cl

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- Circuit Controlling Device, Thaddeus W. Buslawski, 2,419,819, 5 cl
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- Remote Speed Control of Electric Motors, James L. Anderson, 2,420,346, 4 cl
- Motor Governor, George M. Deming, 2,420,360, 6 cl
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- "Rectox" Motor Control System, William H. Formhals, 2,420,873, 3 cl
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- Electrical Follow-up Motor Control System, John W. Dawson, 2,423,438, 8 cl
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- Control System for Electric Hoists, Walter Schaelchlin and Kurt Mahnke, 2,424,255, 7 cl
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- Electric Propulsion System, Erling Frisch, 2,424,310, 5 cl
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- Doubly-fed Repulsion Motor Control System, Simeon E. Newhouse and William H. Eunson, 2,424,326, 10 cl
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- Selsyn Controlled Electric Motor System, Martin A. Edwards, 2,424,809, 6 cl
- Control Apparatus for Reversible Motors, Malcolm G. Shoemaker, 2,424,859, 6 cl
- Motor Control Means, John H. Rouse, 2,425,007, 12 cl
- Frequency Responsive Control System, James B. Reeves, 2,425,047, 9 cl
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- Hydraulic Control for Electric Motors, Edward B. Fitzgerald, 2,426,006, 5 cl
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- Electric Motor Controlling Apparatus, Edmund W. Kuhn, 2,426,029, 7 cl
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- Synchronous Motor Control System, Leonard Freinkel, 2,428,019, 4 cl
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- Electric Motor Control Circuits, Walter P. Albert, Richard C. Davis, Robert H. Gumley and William H. T. Holden, 2,428,767, 11 cl
- Magnetic Motor Starting Switch, James D. Cole, 2,428,784, 7 cl
- Remote-control Means for Direct-current Motors, Edgar Leonard Olsen, 2,428,984, 5 cl
- Control System for Two-phase Induction Motors, James E. Tarr, 2,429,651, 13 cl
- Electronic Control System for Dynamoelectric Machines, Jerry L. Stratton, 2,430,310, 5 cl
- Control for Synchronized Pump Motors, Herman H. Curry, 2,430,917, 3 cl
- Electric Motor Control System for Locomotives, Dana R. Staples and Ralph A. Miller, 2,431,145, 5 cl
- Alternating Current Motor Control, Herbert W. Graybrook, 2,431,242, 2 cl
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- Electronic Current Limiter System for Machine Tool Motors, Frank E. Dudley and Jacob E. Dinger, 2,431,316, 16 cl
- Control System for Automatic Selector Mechanism, Olin L. MacSorley, 2,431,408, 12 cl
- Motor Control with Emergency Stop, Oswald M. Bundy, 2,431,459, 12 cl
- Method of Starting Synchronous Machines, Robert Keller and Eugen Handschin, 2,431,486, 3 cl
- Electric Valve Control for Dynamoelectric Machines, Elmo E. Moyer and Donald Eldred, 2,431,578, 2 cl
- Multiple Prime Mover Control and Synchronization, George Forrest Drake, 2,431,687, 18 cl
- Follow-up Control System, Benjamin J. Fisher, jr., 2,432,302, 3 cl
- Control System, Willard G. Cook, 2,432,861, 11 cl
- Control System, William H. Formhals and Frank C. Fennell, 2,432,876, 11 cl
- Electrical Regulator, Harold G. Haas, 2,432,883, 7 cl
- Electrical Regulator, Harold G. Haas and Joseph P. Russo, 2,432,884, 1 cl
- Electrode Feed Control System, Cyril C. Levy, 2,432,909, 9 cl
- Stop Motion System for Knitting Machines, Edward Vossen, 2,432,953, 10 cl
- Speed Control for Ward-Leonard Systems, Eivind U. Lassen, 2,433,130, 3 cl
- Controller for Polyphase Alternating Current Motors, Eric Pell and Norbert L. Schmitz, 2,433,153, 8 cl
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- Electric Motor Follow-up System, Michel N. Yardeny, 2,433,970, 5 cl
- Temperature Responsive Motor Control System, James L. Breese, 2,434,347, 8 cl
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- Electronic Control Apparatus for Motors, Siegfried G. Isserstedt, 2,435,966, 11 cl
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- Alternating Current Generator Fed Motor Control System, Walter Schaelchlin and Herman H. Curry, 2,439,951, 4 cl
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- Automatic Electric Motor Control System, George E. Van Vessem, 2,440,352, 12 cl
- Variable Frequency Continuous Balance Motor Control System, Karl Rath, 2,440,486, 8 cl
- Remote Position Control System, Michel N. Yardeny, 2,440,838, 5 cl
- Control for Electric Work and Feed Motors, George E. King, 2,441,155, 9 cl
- Reversible Motor Control System, Knute Arnold Holst, 2,441,632, 1 cl
- Speed Control for Motive Devices, Chester Mott, Alfred F. Chouinard and Robert L. Harding, 2,442,013, 9 cl
- Reversing Control for Capacitor Motors, Samuel Noodleman, 2,442,208, 12 cl
- Antihunt Electrical Control System, Thomas R. Harrison and Lloyd B. Cherry, 2,442,329, 16 cl
- Variable Voltage Drive, Elroy I. Eigenberger, 2,442,346, 11 cl
- Phase and Amplitude Control Circuit for Electronic Function Generators, Maurice Leighton Greenough, 2,442,597, 6 cl
- Remote-controlled Electric Motor System, 2,442,654, 9 cl
- Dual Control Apparatus for Continuous and Pre-selected Multiturn Motion, Michel N. Yardeny, 2,442,739, 9 cl
- Control System, Otto Maag, 2,442,819, 5 cl
- Synchronous Electric Signaling System, Julius Louis Cooper and Philip A. Heist, 2,442,997, 13 cl
- Control System, Martin A. Edwards, 2,443,028, 18 cl
- Speed Ratio Control, Robert D. McComb, 2,443,048, 7 cl
- Work and Feed Motor Control System, George E. King, 2,443,656, 10 cl
- Motor Control System, George E. King, 2,443,657, 14 cl
- Regulating System, Homer M. Rustebakke, 2,443,665, 2 cl
- Speed Indicator, George Frank Tagg, 2,443,668, 1 cl
- Control System, Frederick E. Crever, 2,444,248, 6 cl
- Synchronous Motor Control System, Gerhart W. Heumann and Robert B. Taylor, 2,444,253, 5 cl
- Delayed Restarting System for Polyphase Motors, George E. Kaiser, 2,444,295, 7 cl
- Generation System, Winchester R. Wood and Edgar E. Gaudet, 2,444,799, 5 cl
- Induction Motor Damping System, Lloyd B. Cherry, 2,445,289, 10 cl
- Control System for Paper Machine Drives, Rest R. Baker and Walter R. Harris, 2,445,416, 6 cl
- Induction Motor Braking System, Louis W. Herchenroeder and Arden L. Scott, 2,445,430, 7 cl
- Dual-voltage Motor Control System, Earl H. Hornbarger, 2,445,434, 6 cl
- Induction Generator Starting Gear, Lawrence D. Jennings and Joseph Naymik, 2,445,435, 2 cl
- Motor Control System, George E. King, 2,445,439, 6 cl
- Electrical Induction Apparatus, Paul Narbutovskih, 2,445,450, 8 cl
- Dynamic Braking System, Frederick D. Snyder, 2,445,460, 7 cl
- Electric Motor Follow-up Type of Control, Clinton H. Dederick, 2,445,515, 6 cl
- Connecting System for Alternating Current Circuits, Harold T. Seeley, 2,445,804, 3 cl
- Induction Motor Braking System, Frederick D. Snyder, 2,445,806, 2 cl
- Motor Control Switching System and Device Therefor, Daniel J. Bloomberg, Sherman Oaks and Waldon O. Watson, 2,445,820, 9 cl
- Motor Control System, Joseph G. Sola, 2,445,976, 8 cl
- Electric Control System, Burnice D. Bedford, 2,445,991, 4 cl
- Recalibrating Motor Control System, Wallace E. Belcher, jr., 2,446,153, 7 cl
- Electric Proportioning Control Apparatus with Reset, William H. Wannamaker, jr., 2,446,163, 15 cl
- Leveling Support, Willis H. Gille, 2,446,325, 8 cl
- Motor Protective Switching System, Marshall C. Harrold, 2,446,474, 3 cl
- Motor System with Voltage Limiting Feedback, Albert P. Upton, 2,446,563, 10 cl
- Adjustable Switch Operator, John M. Wehner, 2,446,681, 14 cl
- Variable Inductance Pickup Device, John F. Schoepel, 2,447,212, 10 cl
- Photoelectric System for Remote Indication of Angular Position, Waldo H. Kliever, 2,447,344, 16 cl
- Single-phase Motor Control, Harry F. Clark, 2,447,488, 19 cl
- Electric Vehicle Control System, Andrew H. Candee, 2,447,633, 5 cl
- Phase Control System for Vapor Electric Converters, John P. Ferguson, 2,447,642, 7 cl
- Ship Propulsion Control, Erling Frisch and Marion R. Lory, 2,447,643, 21 cl
- Regulating System, Erling Frisch, 2,447,644, 5 cl
- Torque Control System for Electric Reel Motors, Alonzo F. Kenyon, 2,447,654, 8 cl
- Regulating System, Herbert S. Kirschbaum, 2,447,655, 4 cl
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- Control System, William F. Eames, 2,447,935, 20 cl
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- Apparatus for Electric Generator Current Control and Voltage Regulation, Harold Edmund Merrifield, 2,448,068, 3 cl
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- Aided Tracking Aiming Mechanism, Peter J. McLaren, 2,448,612, 9 cl
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Method of and Apparatus for Setting Self-Synchronous Machines on Zero, George Alfred Muir, 2,449,083, 7 cl
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Electronic Control Circuit, George A. Waldie, 2,449,797, 2 cl
Synchronous Preset Remote Control System, Michel N. Yardeny, 2,450,071, 5 cl
Traction Motor Control System, Franklin H. Pritchard, 2,450,300, 11 cl
Electronically Controlled Motor-driven Loom Let-off, Raymond F. Dion, 2,450,470, 4 cl
Letoff for Looms, Albert Palmer and Victor F. Sepavich, 2,450,484, 26 cl
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Motor Reversing Control System for Valves, Edward P. Smith, 2,451,989, 10 cl
Counterelectromotive Force Motor Starter Control System, Kenneth D. James, 2,452,127, 5 cl
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Regulator System, Herbert Ziebolz, 2,453,563, 4 cl
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Single-phase Induction-motor Control System, Harry B. Fuge, 2,454,968, 9 cl
Electric Motor Control Apparatus, Raymond H. Griest, 2,455,247, 3 cl
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Protective System for Electric Motors, Harold S. Ogden, 2,456,427, 9 cl
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 Motor Synchronizing Schemes, Simon L. Lindbeck, 2,456,966, 8 cl
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 Square Wave Generator, Richard C. Webb, 2,440,992, 8 cl
 Stabilized Multivibrator, David E. Kenyon, 2,441,579, 9 cl
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- Automatic Dead Reckoning Device, Robert O. Ripere, 2,425,346, 14 cl
- Remote Indicating Magnetic Compass System, Allen T. Sinks, 2,426,470, 9 cl
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- Radio Navigation System and Method, Henri G. Busignies, 2,433,341, 5 cl
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- Navigational Method and Apparatus, Jacob Neufeld, 2,444,578, 14 cl
- Instrument for Navigation, Peter Mosner and Otto Steinitz, 2,444,708, 2 cl
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- Frequency Modulation Circuit Analysis
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O

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See also

Rectifiers
 Transformers
 Vibrators
 Voltage Regulation

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See also

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 Mathematics
 Microwaves
 Noise
 Physics
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 Transmitters and Transmission
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- Pank Mounted Lightning Arrester, Konstantin K. Paluev, 2,421,644, 5 cl
- Approach Protective System, Glenn H. Browning, 2,421,771, 10 cl
- Electrical Alarm System, Gotthard Viktor Arnold Gustafsson, 2,422,542, 1 cl
- Carrier Current Protective System, Herbert W. Lensner and James F. Chapman, 2,422,570, 5 cl
- Electric Burglar Alarm, Gerard Michael Horvitch, 2,423,649, 3 cl
- System for Reducing Direct-current Fault Currents, George E. Frost, 2,424,231, 2 cl
- Reverse Current Circuit Protection, Francis T. Bailey, 2,424,298, 8 cl
- Protective Link, John K. Hodnette, 2,424,314, 2 cl
- Arc Prevention for Control Systems, Gaylord W. Penney, 2,424,329, 11 cl
- Protective Device for Tube Envelopes, Norman B. Krim, 2,424,990, 10 cl
- Alarm System, Felix F. Denzler, 2,426,085, 17 cl
- Protective Means for Carrier Wave Transmitting Systems, David H. Peckham, 2,426,579, 14 cl
- Matched Fuse for Multicircuits, Julian Rogoff, 2,426,844, 2 cl
- Electric Fuse Box, Walter Edward Hill and Thomas Daniel Guy Wintle, 2,427,908, 4 cl
- Circuit Control System, John Herman Bretthauer and William Cermak, 2,428,196, 8 cl
- Approach Signal System, Lee H. Peck, 2,428,290, 2 cl
- Protection of Alternating Current Electric Power Systems, Phillip H. Light, 2,431,572, 6 cl
- Leak Detector, Gilbert J. C. Andresen, 2,432,367, 3 cl
- Protective Device, William A. Stewart, 2,434,084, 5 cl
- Protective System for Current Convertors Utilizing Differentially Connected Saturable Reactors, Karl Lerstrup, 2,434,214, 6 cl
- Magnetizing-Inrush Tripping Suppressor, William Knox Sonnemann and Myron A. Bostwick, 2,434,595, 15 cl
- Safety Control System for Fuel Burners, Harry S. Jones, 2,435,940, 42 cl
- Detecting and Alarm System, Clyde W. Baird, 2,435,996, 10 cl
- Electric Switch Lock, William C. McWhirter and Glen V. Jefferson, 2,437,328, 7 cl
- Electrical Burglar Alarm System, Francis C. W. Stelter, 2,438,076, 3 cl
- Pressure Indicator, Carl E. Grinstead and Robert N. Frawley, 2,439,047, 4 cl
- Protective Arrangement for Translating Devices, William N. Gittings, 2,439,247, 7 cl
- Warning Signal System for Refrigerators, Roscoe D. Bean, 2,439,331, 4 cl
- Automatic Fire Alarm System, Thomas J. Tate, 2,439,502, 1 cl
- Electrical Safety Device, Lee E. Robey, 2,439,634, 4 cl
- Receiver Protective Device, Walter Hausz, 2,439,656, 7 cl
- Current Limiting Fuse, Carl L. Schuck, 2,439,674, 2 cl
- Automatic and Manual Control System for Circuit Breakers, Myron J. Brown, 2,439,920, 13 cl
- Protective Fuse for Electrical Apparatus Immersed in a Dielectric Liquid, John K. Hodnette, 2,439,931, 3 cl
- Overcurrent Protective System for a Direct-current Load Circuit, Donald E. Maxwell, 2,440,108, 3 cl
- Interlocking Means for Electrical Testing Apparatus or the Like, Irvin W. Folk, 2,440,505, 5 cl
- Time Fuse Element, Joseph C. W. Frazer and Owen G. Bennett, 2,440,579, 7 cl
- Fluid Burner Safety Control Apparatus with Ignition Timing, John O. Rosche, 2,440,700, 8 cl
- Lightning Arrester for Television Transmission Lines, Etc., Ernest O. Johnson, 2,440,748, 5 cl
- Interlock, August R. Friegel, 2,441,316, 9 cl
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- Protective Means and System for Load Circuits, Joseph Schmidinger and Philip Sitzler, 2,441,979, 5 cl
- Electric Fuse and Indicator, Wilfred F. Skeats, 2,442,216, 8 cl
- Supervisory Alarm System for Telephone Interrupters, Kurt Mullerhelm, 2,442,427, 6 cl
- Radio Protective System, Winfield R. Koch, 2,442,695, 10 cl
- Traffic Protection Apparatus, Henry A. Talbert, 2,442,735, 7 cl
- Slow Down Signal for Automobiles, James D. Chessrown, 2,442,971, 5 cl
- Electric Arc Extinguishing Apparatus, Nicholas F. Arone and Eugene W. Boehne, 2,443,017, 16 cl
- Burglar Alarm, Thomas M. Cadenhead, 2,443,553, 1 cl
- Dust Guard for Electric Cord Take-up Reels, Bernard J. Tamarin, 2,443,701, 1 cl
- Trouble Alarm System, Allan Weaver, 2,444,078, 12 cl
- Control System, Apparatus and Method for the Elimination of Ice from Aircraft, Myron L. Taylor, William B. Pond and Herbert A. Eayrs, 2,444,208, 26 cl
- Interlocking Mechanism, Charles H. Bayer, 2,444,240, 7 cl
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- Switch Terminal Guard, Edward N. Jacobi, 2,445,949, 4 cl
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- Fuse Clamp, Edwin W. Landmeier, 2,448,267, 8 cl
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- Electrical Alarm System, James J. Kertz, 2,449,168, 3 cl
- Circuit Protector, Lewis H. Lamont, 2,449,236, 6 cl
- Supervisory Electrical Alarm System, Anthony H. Lamb, 2,449,304, 1 cl
- Vacuum Tube Lock, Kurt Emde, 2,449,646, 1 cl
- Electrical Protective Device, Harold Robert Treece and Ralph Alan Wilkinson, 2,449,961, 5 cl
- Overload Protective Device, Clarence W. Kuhn, 2,450,600, 6 cl
- Switch Mechanism, Flody C. Williams, 2,450,705, 2 cl
- Overmodulation Alarm, James Ernest Smith, 2,451,361, 4 cl
- Multiple Switch Interlock, Robert L. Wolff and William Weber, 2,451,602, 5 cl
- Meter Protection Circuit, Curtis S. Ingram, 2,451,953, 4 cl
- Temperature Alarm System, Kenneth M. Lord and Glenn E. Warren, 2,452,942, 5 cl
- Theft-preventing Locking Device for Automobiles and the Like, Alexander Lazarus, 2,453,236, 5 cl
- Protective Relaying System, Edwin L. Harder, 2,454,163, 14 cl
- Lightning Arrester, Walter C. Hasselhorn and John F. Jaap, 2,454,448, 6 cl
- Control Apparatus for Forced Drainage, Daniel Ralph Werner, 2,454,536, 4 cl
- Protective Circuits for Electronic Equipment, John McWilliams Stone, 2,454,618, 14 cl
- Fire Detecting Apparatus, Vilynn O. Beam and John M. Wilson, 2,455,351, 12 cl
- Portable Fire Alarm Device, Richard E. Young, 2,456,038, 1 cl
- Railway Train Emergency Alarm Apparatus, Lars O. Grondahl, 2,456,871, 8 cl
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- pparatus for and Method of Pulse Limitation and Amplification, Irving Wolff, 2,423,671, 7 cl

- Pulse Control System, Donald E. Norgaard, 2,427,687, 5 cl
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- Pulse Delay Circuits, Max I. Rothman and Walter H. Neiman, 2,429,844, 3 cl
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- Pulse Amplitude Selective System, Donald D. Grieg, 2,434,921, 21 cl
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- Pulsed Network, Kenneth J. R. Wilkinson, 2,443,488, 7 cl
- Peaking Circuit, Gordon Donald Forbes, 2,443,790, 4 cl
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- Pulse Slope-Amplitude Relation Restoring System, David L. Shapiro, 2,446,613, 10 cl
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Pulse Generator System, Thomas L. Gottler, 2,419,772, 7 cl

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Aircraft Navigation Aids
Marine Radar
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Navigational Aids, Radio
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Analysis of Admiral model 6RT44-7B1. Radio Craft 18:40 Apr '47

Analysis of AirKing model 4604, Learadio model 565 and others. Radio Ser Deal 8:23 May '47

Analysis of automatic 614X, 616X, electronic labs intercom model 2660 and others. Radio Ser Deal 8:20 Mar '47

Analysis of Buick model 980744-5. J. Richard Johnson. Radio Maint 3:42 Sept '47

Analysis of coil checkers. Radio Ser Deal 8:20 Apr '47

Analysis of Emerson 505. Radio Ser Deal 8:32 Jan '47

Analysis of Farnsworth GK 100 series, RCA model 65BR9. Radio Ser Deal 8:22 Dec '47

Analysis of GE farm radio model 280. Radio Craft 18:36 May '47

Analysis of GE models 219, 20, 21, RCA 612V series and others. Radio Ser Deal 8:22 Aug '47

Analysis of GE model 303. Radio Maint 3:18 Oct '47

Analysis of General Tel. 51, Grunow model 701 (chassis 7A), Packard-Philco auto radio model P-1835, Philco Model 938 K auto radio, Philco model 41-608, Sonora Model WAU 243. P. M. Randolph. (Servicing helps column). Service 17:26 Sept '48

Analysis of Hoffman 108 ST. Radio Ser Deal 8:32 Jan '47

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Analysis of Motorola auto radio 1946 CR-6. Radio Craft 18:38 June '47

Analysis of Motorola 77FM21 FM-AM combination. R. F. Scott. Radio Craft 19:30 Mar '48

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- Analysis of Teletone Series D. Radio Ser Deal 8:14 Feb '47
- Analysis of Thordarson t-31W50 amplifier, Packard-Philco model P-4635 and others. Radio Ser Deal 8:24 Oct '47
- Analysis of Westinghouse model H-138, Crosley models 106-CP and 106-CS, and others. Radio Ser Deal 8:34 Apr '47
- Application of the 'scope in AF servicing. Alvin A. Baer. Service 17:24 Apr '48
- Auto radio installation and servicing. Service 16:16 Sept '47
- Auto receiver servicing. Willard Moody. Service 16:18 Feb '47
- Birth of a service note. Harry D. Hooton. Radio News 39:50 Mar '48
- Block diagrams. Radio Ser Deal 8:21 Sept '47
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- Circuit analysis. J. Richard Johnson. Radio Maint 3:14, 24, 28 June '47
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- Efficient servicing. J. E. Cunningham. Radio News 40:45 Sept '48
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- Electronamic tube tester. L. S. Rich. Radio Ser Dealer 8:19 Dec '47
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- FM receiver alignment. Irving Abend. Radio N 38:66 Oct '47
- FM receiver servicing technique. Milton S. Kiver. Radio Craft 19:30 June '48
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- Gremlins—or intermittents? John T. Frye. Radio Maint 3:10 Oct '47
- High speed servicing. Arthur Liebscher. Radio Ser Deal 9:14-15, 29-30 Feb '48
- Hum, alignment problems (squealing), vibrator servicing. (Servicing helps column). Frank C. Keene. Service 16:20 Jan '47
- King of tube checkers. Radio Craft 18:22 May '47
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- Notes on servicing. Harry A. Nickerson. Radio Craft 18:58 July '47
- Ohm's law in radio servicing. Willard Moody. Radio Maint 4:12 July '48
- Old tube tester is still useful. H. Leeper. Radio Craft 19:36 Oct '47
- Open and close cases—Locating shorts and opens. John T. Frye. Radio Maint 3:6 May '47
- Oscillators and power supply troubles. C. C. Roberts. Radio Ser Deal 8:11 May '47
- Oscillator coil tracking, FM antenna installations, replacing electrodynamic with PM speakers and receivers. (Servicing helps column). Service 16:13 Apr '47
- Pepping up midgets. K. E. Stewart. Radio Craft 19:38 Sept '48
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- Radio set and service review. Radio Craft 18:24 Aug '47
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- Servicing AC/DC models, old and new. Jack Darr. Service 17:10 July '48
- Servicing a noisy set. H. A. Nickerson. Radio Electronics 20:26 Nov '48
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- Servicing farm radios. Harry Leeper. Radio Craft 19:50 July '48
- Servicing in the desert. W. Bowen. Service 16:15 Oct '47
- Servicing old timers. G. L. P. Meredith. Service 16:20 Apr '47
- Servicing taxicab radio. Samuel Freedman. Service 17:10 Dec '48
- Servicing two-way cab radio. T. M. Alanen. Service 16:12 Dec '47
- Servicing 3-way portable receivers. Willard Moody. Radio Ser Deal 8:22 June '47
- Servicing with the vacuum tube voltmeter. J. E. Cunningham. Radio Maint 4:18-19, 44-45 Sept '48
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- Simple tracer-amplifier. Homer L. Davidson. Radio Craft 19:32 Aug '48
- Simple troubleshooting aid. Salvatore J. Mondello. Radio N 38:88 Sept '47
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- Tips on soldering. R. W. Kise. Service 17:38 Mar '48
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High frequency reception in strong noise fields. I. M. Bickford. diag Radio N 39:168 Apr '48

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Measurement of the sensitivity of receivers for short waves. Hochfrequenztech u. Elektroakust 59:143-44 '42

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New 6-10-11 meter converter. F. Lester. il diag Radio N 38:51-3 Aug '47

Simple converter-preset selector. F. C. Jones. diags CQ 3:31-4 June '47

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Simplicity in a converter; makes possible coverage of 6, 10, and 11 meter bands. C. W. Roeschke. il diags Radio N 39:54-5+ Mar '48

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Two-meter converter. A. D. Middleton. il diags Radio N 39:70-1+ Apr '48

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Sequence Relay, Hazen C. Pratt, 2,419,032, 10 cl

Electrostatic Relay, Myron A. Bostwick, 2,419,111, 2 cl

Time Pulsing Relay Device, Louis A. Scholz, 2,419,232, 8 cl

Solenoid, William J. Christiansen, 2,419,333, 4 cl

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 Document Operated Switch for Photographic Copying Cameras, John K. Holbrook, 2,419,836, 1 cl
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 Circuit Controlling Means, Herbert L. Bone, 2,420,065, 5 cl
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 Relay Type Cross-totalizing Device for Record Card Data, Arthur H. Dickinson and John N. Wheeler, 2,420,167, 7 cl
 Loss-of-load Relaying, Shirley L. Goldsborough and Harvey P. Sleeper, 2,420,878, 23 cl
 Electromagnetic Relay Circuit, Bertram Morton Hadfield, 2,421,148, 5 cl
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 Split-phase Relay, Alfred H. Faulkner, 2,425,179, 8 cl
 Magnetic Relay, Vincent A. Johnson and Fredric E. Wood, 2,425,190, 9 cl
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 Switching System, Aloysius J. Busch, 2,426,595, 6 cl
 Electrical Relay, Andrew Hufnagel, 2,426,970, 4 cl
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 Adjustable-pull Solenoid, Leland H. Snyder, 2,427,630, 6 cl
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 Capacitor Closed Relay having Retentive Magnetic Circuit, Frederick D. Snyder, 2,427,750, 2 cl
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 Control Circuit, William A. Ray, 2,434,433, 9 cl
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 Polarized Relay, Arthur C. Davis, 2,437,726, 8 cl
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- Electric Contact, Franz R. Hensel, Earl I. Larsen and Earl F. Swazy, 2,439,570, 3 cl
- Current Collector Contact Member, Charles A. Thomas, 2,439,678, 4 cl
- Differential Relay and Restraint Magnet Therefor, Bert V. Hoard, 2,439,930, 24 cl
- Reactance Type Relay, Arthur C. Mehring, 2,439,944, 2 cl
- Relay Circuits and Relay, Anthony H. Lamb, 2,440,861, 9 cl
- Electromagnetic Device with Armature, Laurence C. Biggle, 2,440,888, 9 cl
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- Automatically Locking Relay, Robert P. De Anthony, 2,441,137, 2 cl
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- Temperature Compensated Relay, Frank Avis Swing, 2,443,968, 5 cl
- Relay, Ira B. Penniman, 2,443,991, 11 cl
- Signaling System, Myron C. Goddard, 2,444,039, 3 cl
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- Electrical Control Device, Elmer G. De Mott, 2,444,398, 11 cl
- Electromagnetic Actuator, Harold E. Carnagua, 2,445,561, 5 cl
- Electrical Contact System, Winfield Forbes Abbott, 2,445,816, 12 cl
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- Magnetic Lock Relay, George L. Bush, 2,447,632, 6 cl
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- Starting and Ignition System, Charles W. Root, 2,450,524, 11 cl
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- Relay, Leland J. Stacy, 2,452,079, 1 cl
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- Reverse Current Relay and System, William R. Holmes, 2,455,060, 7 cl
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- Damping Device for Remote Control Apparatus, Arthur P. Davis, 2,420,523, 2 cl
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- Oscillators
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- Radar
- Television, Receivers

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- Push-button Switch, William C. Linton, 2,415,297, 5 cl
- Slide Button Switch, William C. Linton, 2,415,298, 4 cl
- Snap Switch, William E. Stilwell, jr., 2,415,448, 6 cl
- Snap Acting Thermostat, Raymond L. Dougherty, 2,415,473, 14 cl
- Thermal Snap-acting Switch, Philip E. Willman, 2,415,546, 6 cl
- Switch, Max Leroy Jeffrey, 2,416,626, 6 cl
- Electric Switch, Robert L. Brady and Alexander C. Wall, 2,416,897, 8 cl
- Switching Means, David C. Prince, 2,416,951, 8 cl
- Centrifugal Switch, George T. Wright, 2,416,973, 14 cl
- Push-button Switching Apparatus, George E. Haner, 2,417,161, 13 cl
- Snap Switch, Oscar H. Kaminky, 2,417,169, 7 cl

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- Switch, John H. Horman, 2,417,200, 6 cl
 Mechanism for Controlling Electric Circuits, Frederick B. Little, 2,417,368, 7 cl
 Electromagnetic Switch, Joseph F. O'Brien and Earl S. Boynton, 2,417,438, 7 cl
 Thermostatic Switch, Edwin L. Cline, 2,417,860, 18 cl
 Switch for Air-conditioning Apparatus, John T. Carlson, 2,417,911, 40 cl
 Split-phase Motor Thermal Starting Switch, Harry F. Clark, 2,417,912, 13 cl
 Switch, Richard T. Cornelius, 2,418,068, 5 cl
 Overtravel Switch Actuator, Norman C. Fetter, 2,418,222, 6 cl
 Switch, Carl E. Bazley, 2,418,329, 3 cl
 Electric Switch, Salvatore Minnecci, 2,418,363, 2 cl
 Centrifugal Switch, Elmer T. Spaller, 2,418,373, 22 cl
 Switch, Herbert E. White, 2,418,384, 3 cl
 Switch, Edward G. Miller and Ralph E. Engberg, 2,418,556, 2 cl
 Switch, Frank C. Wallace, 2,418,564, 3 cl
 Multiple Purpose Electric Switch, Hugh W. Batcheller, 2,418,616, 11 cl
 Thermostatic Switch, Richard H. Jordan, 2,418,647, 4 cl
 Electric Switch, James C. Hamilton, 2,418,831, 5 cl
 Snap Switch, Gerhardt Blair, 2,418,965, 3 cl
 Electric Switch, Chester I. Hall, 2,419,072, 2 cl
 Time Operated Switch, Siegfried G. Isserstedt, 2,419,077, 25 cl
 Electric Switch, Sidney Unger, 2,419,180, 6 cl
 High-frequency Switching System, Paul D. Zottu, 2,419,307, 15 cl
 Telecommunication Switching System, Gerald Deakin, 2,419,540, 22 cl
 Radio Transmitter-receiver Switching System, James E. Keister, 2,419,564, 6 cl
 Electric Switch, Helge Carling, 2,419,627, 1 cl
 Electric Switch, John H. Leslie, II, 2,419,685, 4 cl
 Setback Switch, Robert G. Ferris, 2,419,828, 8 cl
 Electrical Switch, Robert M. Bleakney and Everly J. Workman, 2,420,028, 2 cl
 Electrical Switch, Olav Froland, 2,420,074, 4 cl
 Switch Operating Mechanism, Ira W. Paterson, 2,420,441, 7 cl
 Switching Device, Howard E. Somes, 2,420,449, 3 cl
 Electrical Switch with Kinetic Energy Dissipating Means, Samuel H. Kast, 2,420,485, 10 cl
 Electric Switch, David D. Beveridge, 2,420,768, 6 cl
 Thermostatic Switch, William B. Griffith, 2,420,775, 5 cl
 Snap Switch, Robert Hetherington, 2,420,880, 14 cl
 Indicating Knob for Switches and the Like, Ray Simpson, 2,420,985, 3 cl
 Switch Mechanism, Harold W. Price, 2,420,997, 1 cl
 Pressure Actuated Switch, Carl Gustaf Hard af Segerstad, 2,421,149, 5 cl
 Adjustable Thermostat Switch, John Leonard Schwartz, 2,421,292, 5 cl
 Starter Switch, Charles Penk, 2,421,519, 2 cl
 Electric Switch, Stephen S. Grady, 2,423,099, 15 cl
 Reversal Responsive Switch, John Eaton, 2,423,693, 10 cl
 Contactor, Delbert Ellis and James H. Alspach, 2,424,308, 7 cl
 Thermostatic Control, Leslie M. Brown, 2,424,433, 7 cl
 Appliance for Closing a Switch for Parallel Connection of Two Networks or a Network with Incoming Generator, Andreas Gantenbein and Jose Jäckle, 2,424,447, 11 cl
 Nonnumerical Rotary Homing Type Switch, Reginald Taylor and George Thomas Baker, 2,424,519, 10 cl
 Electric Switch, Alexander K. Whyte and William J. Aldis, 2,424,527, 8 cl
 Switching Arrangement for Electrical Apparatus, Lloyd C. Wimmer, 2,424,529, 3 cl
 Electrical Switch, Edmund Doucette, 2,424,745, 6 cl
 Sequential Electric Switching System, Frederick R. Jackson, jr., 2,424,826, 5 cl
 Coaxial Switch, Henry R. Smith, 2,425,010, 3 cl
 Heating Apparatus Switch, Earl K. Clark, 2,425,030, 7 cl
 Safety Switch Device, William P. Lear, 2,425,038, 20 cl
 Emergency Release for Electric Switch Locks, William C. McWhirter, 2,425,111, 9 cl
 Electric Snap Switch, Edward P. Meyer, 2,425,159, 9 cl
 Temperature Compensated Switch, Elihu Craig Thomson, 2,425,164, 3 cl
 Electronic Keying Circuit, Fred M. Berry and William R. Lewis, 2,425,667, 5 cl
 Thermostatic Control of Electric Heating Pads, Malcolm E. Porter, 2,425,686, 8 cl
 Thermostatic Switch Assembly, Frank Robert Bean, 2,425,717, 17 cl
 Electric Switch, Edward J. Frank and Hugh P. Fitzpatrick, 2,426,009, 10 cl
 Current Responsive Switch, Joseph W. McClain, 2,426,038, 8 cl
 Control Switch, Eugene D. Reiber, 2,426,051, 3 cl
 Electric Switch, Hermon L. Van Valkenburg and Carl A. Schaefer, 2,426,129, 19 cl
 Ultra High Frequency Switch, Orville E. Dow, 2,426,186, 7 cl
 Circuit Controller, James P. Houck and Dewees H. Shallcross, sr., 2,426,306, 11 cl
 Temperature Responsive Control Mechanism, Ludvik J. Koci, 2,426,620, 25 cl
 Manual Reset Thermostatic Switch in Protective Systems, Victor G. Vaughan, 2,426,906, 11 cl
 Control Device, Robert C. Boyd, 2,426,919, 14 cl
 Push-button Switch Construction, Christian Miller, 2,427,015, 10 cl
 Auxiliary Headlight System, Bruno Tabacchi, 2,427,076, 4 cl
 Switch, David Gordon Clifford, 2,427,089, 6 cl
 Program Formulator, John N. Grieveson, 2,427,207, 18 cl
 Electrical Switch, Oscar H. Hasselbaum, 2,427,277, 5 cl
 Multiple Switch, Harry Weiner, 2,427,483, 10 cl
 Electronic Switching Device, Wilcox P. Overbeck, 2,427,533, 11 cl
 Thermal Switch, Leo R. Peters, 2,427,741, 1 cl
 Transmission Line Switch, Jay Jesse Ayres, 2,427,940, 6 cl
 Thermostatic Switch, Charles R. Blosser and Earl K. Clark, 2,427,946, 6 cl
 Signal Switch, Herschel C. Bolley, 2,428,447, 12 cl

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- Electrically Heated Thermoresponsive Switch, George C. Armstrong, 2,428,539, 3 cl
- Rotating Electric Liquid Switch, Cornelis Johan Aandewiel, 2,428,589, 5 cl
- Electromagnetic Control Switch, Charles C. Whitaker, 2,428,599, 2 cl
- Electric Switch, Martin F. Koenig and Alvin W. Krieger, 2,428,848, 8 cl
- Electrical Circuit Controller, Howard J. Murray, 2,429,069, 2 cl
- Switch, James A. Rugh, 2,429,074, 3 cl
- Electrical Selector Switching Apparatus, Glen Peterson, 2,430,886, 3 cl
- Multiple Contact Electric Switch, Cecil Oswald Browne and Alan Dower Blumlein, 2,431,023, 6 cl
- Setback Switch, John W. Busacker and Richard L. Maneval, 2,431,027, 4 cl
- Rotary Type Snap Action Electric Switch, Edward V. Platt and William J. Aitken, 2,431,197, 13 cl
- Electrical Contact Element and the Method of Making Same, George W. Lambert, 2,431,334, 7 cl
- Magnetic Switch, Vernon Durbin and Max Knobel, 2,431,377, 3 cl
- Control System, Francis Percy Elliott, 2,431,381, 5 cl
- Switch Mechanism, Virgil H. Fry, 2,431,747, 4 cl
- Thermostatic Switch, John O. Rosche, 2,431,771, 7 cl
- Push-button Switch, John Lewis Andrews, 2,431,904, 11 cl
- Switch Mechanism, Robert W. Goff, 2,431,929, 9 cl
- Mercury Switch, Ernst Walter Rickmeyer, 2,431,964, 9 cl
- Float Operated Circuit Closer, Allan E. Sheldon, 2,432,045, 1 cl
- Electrical Apparatus, Arthur Dorne, 2,432,230, 2 cl
- Electric Switch for Clothes Washing Machines and the Like, 2,432,273, 6 cl
- Electric Switch, Robert P. Dimmer, 2,432,294, 6 cl
- Electrical Switch Device, Henry R. Hesse, 2,432,476, 14 cl
- Electrical Switching Apparatus, Milo F. Miller, 2,432,581, 4 cl
- Electric Switch, Joseph W. McClain, 2,432,782, 2 cl
- Circuit Controller, James M. Wallace and Herbert J. Crabbs, 2,432,955, 12 cl
- Electric Switch, Anthony G. Seifried, 2,433,163, 12 cl
- Limit Switch Actuator, Earl G. White, 2,433,180, 3 cl
- Contact Structure for Electric Switches, Harold E. Schleicher, 2,433,710, 12 cl
- Electric Switch, Frank P. Gasser, 2,433,753, 4 cl
- Control Means for Sequentially and Selectively Adjusting Variable Reactances over a Band of Frequencies, Marvin A. Wolff, 2,433,805, 12 cl
- Rotary Switch, Donald P. Mossman, 2,433,920, 7 cl
- Equilibrated Inertia Switch, Don Carlos Wiseley, 2,433,968, 10 cl
- Illuminated Safety Switch, Joseph F. Courtney, 2,434,065, 9 cl
- Flasher, Henry R. Gross, 2,434,070, 10 cl
- Electronic Switching Circuits, Igor E. Grosdoff, 2,434,153, 6 cl
- Electrical Switch, Olav Froland, 2,434,315, 5 cl
- Selecting Finger for Crossbar Switches, Rolf Albin Svensson and Hans Olov Karlström, 2,434,373, 12 cl
- Electric Time Switch, Marcus H. Rhodes, 2,434,471, 14 cl
- Tap Changing System, Orin P. McCarty, 2,434,501, 11 cl
- Socket Cover and Plug Interlocking Switch, Phelan McShane and David E. Renshaw, 2,434,576, 10
- Switch Controlling Assembly, Walter T. Knaut, 2,435,143, 2 cl
- Switch, Ernst Walter Rickmeyer, 2,435,602, 11 cl
- Coaxial Switch, Thomas A. Newkirk, 2,435,978, 4
- Disconnect Switch, Fred H. Cole, 2,436,290, 2 cl
- Switch, Howard W. Graybill and Paul Olsson, 2,436,296, 7 cl
- Switch Element, Ernst Walter Rickmeyer, 2,436,609, 9 cl
- Timing Switch, Ernst Walter Rickmeyer, 2,436,602, 24 cl
- Thermostatic Switch for Controlling Electric Circuits, Thomas Curzon, 2,436,633, 4 cl
- Switch Construction, Stanley R. Du Brie, 2,436,681, 10 cl
- Rotary Selector Switch, Gordon E. Gray, 2,436,751, 8 cl
- Plunger Switch, Ernst Walter Rickmeyer, 2,436,891, 2 cl
- Clock-controlled Switch, Theodore Svoboda, 2,436,906, 1 cl
- Thermostatic Switch, Calvin J. Werner, 2,436,901, 3 cl
- Switch, Irwin W. Eisenberg, 2,436,958, 1 cl
- Delayed Action Electric Switch, Perley A. Nelson and William R. Nelson, 2,437,037, 4 cl
- Electrical Control System, Malcolm H. Sheldor, 2,437,712, 7 cl
- Electric Circuit Controller, Bert W. Roth, 2,437,791, 16 cl
- Selector Switch, Frank Edgerton, 2,438,042, 18 cl
- Electric Switch, John A. Opper, 2,438,373, 8 cl
- Unshorting Switch, Robert B. Brode, 2,438,383, 6 cl
- Electric Circuit, William Henry Bruns, 2,438,535, 7 cl
- Centrifugally Operated Switch, Harry L. Lambert, 2,438,810, 13 cl
- Ultra High Frequency Switching Device, Henry J. McCarthy, 2,438,873, 5 cl
- Preset Switch, Manfred L. Glogau, 2,438,970, 7 cl
- Electrical Switch, Charles Adin Fox, 2,439,164, 5 cl
- Electric Switch, William E. Paul, 2,439,264, 9 cl
- Radio Time Switch, Arthur William Haydon, 2,439,732, 2 cl
- Electric Switch, Royal-G. Nelson, 2,439,747, 6 cl
- Float-operated Switch, Charles N. Reavis, 2,439,753, 1 cl
- Automatic Electric Switch, Robert E. Swisher and George W. Gates, 2,440,028, 7 cl
- Rotary Switch Contact Assembly, Walter L. Dietrich, 2,440,578, 14 cl
- Switch, Edward N. Jacobi, 2,440,690, 8 cl
- Switch and Plug Box, Walter J. Bauroth, 2,441,465, 17 cl
- Periodic Switch, Milo F. Miller, 2,441,501, 1 cl
- Push Button Switch, Henry A. Baumer, 2,441,614, 7 cl
- Thermostatic Switch, Norman James Smith, 2,441,725, 12 cl
- Centrifugal Switch, Willis Z. West, jr. and Morgan F. Gamble, 2,441,914, 9 cl
- Single-phase Motor Control Switch, Samuel Noodleman, 2,442,207, 5 cl

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- Motor Switch, Mounting and Terminal Board, Glenn D. Willits, 2,442,227, 7 cl
- Electrical Switch, Charles Adin Fox, 2,442,593, 6 cl
- Limit Switch, Raymond J. Schaedler, 2,442,711, 8 cl
- Circuit Controlling Switch, John S. Garvin, 2,442,766, 6 cl
- Electrical Switch Structure, Ira E. McCabe, 2,442,981, 14 cl
- Electric Switch Contact, Joseph W. McClain, 2,443,047, 2 cl
- Nonarcing Switch Contact, William E. De Coursey, 2,443,230, 6 cl
- Suspension Switch, Nathaniel Bradford Birge, 2,443,441, 5 cl
- Switching Means, Chester I. Hall, 2,443,452, 3 cl
- Centrifugally Operated Switch, Harry L. Lambert, 2,443,659, 1 cl
- Switchgear, Elmer A. Rothfus, 2,443,664, 8 cl
- Switchgear Apparatus, Roy S. Tusing, 2,443,669, 4 cl
- Directly Heated Thermocouple, Joseph A. Becker, John N. Shive and Thomas R. Griffith, 2,444,027, 10 cl
- Timing Switch, Eugene L. Schellens, 2,444,146, 4 cl
- Electromagnetic Switch, Jerome F. Dries, 2,444,157, 2 cl
- Pressure Responsive Switching Device, Donald O. Kocmich, 2,444,163, 13 cl
- Automatic Electric Toolholding Switch, Edwin H. L. Englund, 2,444,188, 1 cl
- Switch, David Samiran and George W. Rcplogle, 2,444,471, 3 cl
- Electrical Switch, Louis M. Puster, 2,444,529, 7 cl
- Terminal Switch with Thermostatic Safety Release, Donald Wentworth Schofield, 2,444,680, 10 cl
- Electrical Switchgear, Wilfred F. Skeats, 2,445,588, 3 cl
- Fluid Operated Switch Assembly, Frank Robert Bean, 2,445,756, 17 cl
- Inertia-actuated Switch, Allan C. Chambers, 2,445,873, 3 cl
- Warp Switch, Burton E. Shaw, 2,446,307, 2 cl
- Electric Switch, William Schmid, 2,446,789, 5 cl
- Thermal Timing Switch Apparatus, Frederick W. Hottenroth, jr., 2,446,831, 10 cl
- Switch, Oliver C. Traver and Ludwig S. Walle, 2,446,859, 7 cl
- Centrifugal Switch, Vaughn H. Hardy, 2,446,923, 10 cl
- Thermostatically Operated Electrical Switching Device, John Edward Sherlock, 2,446,961, 3 cl
- Switch Construction, Glenn R. Runke, 2,447,137, 18 cl
- Starting Switch, Frederick C. Dazley and John M. Pistcy, 2,447,318, 8 cl
- Electrical Switch, Sara Maria Iribarren de Olariaga, Luis Bulgarini and Percy Forster, 2,447,320, 10 cl
- Wave-signal Translating System, Maurice K. Taylor and Ian Norman Vaughan-Jones, 2,447,375, 11 cl
- Electrical Switch, Leo C. Zchnpfennig, 2,447,452, 2 cl
- Electrical Switch, Leo C. Zchnpfennig, 2,447,453, 1 cl
- Rotary Switch, Ray R. Simpson, 2,447,718, 4 cl
- Mechanism for Precision Switches, Edwin August Miller, 2,448,230, 3 cl
- Selector Switch for Phonograph Circuit, Arthur Paul Marcus and Frank C. Filo, 2,448,380, 7 cl
- Electric Switch, Alvin W. Krieger, 2,448,444, 7 cl
- Switch, Carl E. Mosley, 2,448,615, 14 cl
- Electric Control Switch, William J. Aitkin, 2,448,650, 1 cl
- Pin Anchored Electric Outlet and Switch, Donald S. Ross, 2,448,832, 16 cl
- Electric Switch, Ellen Graves Taylor, 2,448,841, 3 cl
- Quick Action Switch, Richard J. Domonkas, 2,449,109, 2 cl
- Step-by-step Automatic Tuning Control, George L. Sansbury, 2,449,178, 13 cl
- Telltale Control Switch, Raymond Richard Fredrick, 2,449,213, 7 cl
- Electromagnetically Controlled Switch, Herman J. Hammerly, 2,449,221, 14 cl
- Electrical Contacts, Stanley David Hopper and Ernst Heinrich Hermann Hassler, 2,449,479, 7 cl
- Switch Arrangement, Octavio Jose Alvarez and Ertogroul Osman, 2,449,799, 6 cl
- Electrical Control Instrument, Edward N. Jacobi, 2,450,144, 9 cl
- Electric Switch, Raymond N. Rowe, 2,450,256, 14 cl
- Pneumatic Timing Switch for Electric Circuits, Earl C. Deane, 2,450,329, 7 cl
- Push-pull Selector Switch, David W. Johnson, 2,451,224, 29 cl
- Selector Switch, David W. Johnson, 2,451,225, 14 cl
- Electrical Device, Werner I. Staaf, 2,451,308, 2 cl
- Combined Thermal and Magnetic Flasher Switch, Henry R. Gross, 2,451,618, 2 cl
- Method of Transposing Connections, William D. Kyle, jr. and Anthony Van Ryan, 2,451,622, 1 cl
- Switch Device, Carl G. Kronmiller, 2,451,751, 5 cl
- Reverse Action Switch Control, Robert H. Bentley, 2,451,905, 9 cl
- Electric Switch, Don E. Moran and Samuel F. Jarvis, 2,452,065, 4 cl
- Switch, George H. Berkholder, 2,452,425, 6 cl
- Switching Device, Henry C. Harrison, 2,452,568, 9 cl
- Multiple Switch, Charles Frank Gomez, 2,452,747, 1 cl
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- Multiple Function Switch, Louis Emile Ponsy, 2,453,035, 9 cl
- Butt Contact Mounting for Rotary Switches, Harold E. Schleicher, 2,453,161, 16 cl
- Electrical Switch, Joseph A. Kavanagh, 2,453,231, 3 cl
- Electric Switch, George C. Crowley, 2,453,498, 1 cl
- Snap Switch, Leo J. Kmielek, 2,454,185, 8 cl
- Push-button Switch Construction, Leo L. Verkuil, 2,454,295, 7 cl
- Base and Contact for Electrical Devices, William Makenny, 2,454,326, 6 cl
- Switch Operating Mechanism, Paul T. Repka, 2,454,341, 11 cl
- Electric Switch, George B. Bcnander, 2,454,540, 10 cl
- Electric Range Switch, Fredric P. Gates, 2,454,646, 15 cl
- Circuit Controller, Glen V. Jefferson, 2,454,702, 5 cl
- Multiple Contactor, Joseph F. Frsc, 2,454,788, 5 cl
- Control Switch Assembly, Abraham Hollins and Jcssc Hollins, 2,454,873, 1 cl
- Time Switch, Edgar R. Schott, 2,454,887, 6 cl
- Shockproof Electromagnetic Circuit Controller, Paul G. Edwards and Harold W. Herrington, 2,455,049, 4 cl

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- Radio Circuit Selector Switch, Gordon R. Pennington, 2,455,137, 14 cl
 Centrifugal Switch, Jules H. Sreb, 2,455,620, 9 cl
 Electric Switch Actuating Mechanism, Reynold A. Ohlson, 2,455,799, 10 cl
 Electric Switch, Stephen S. Grady, 2,455,927, 6 cl
 Electrically Controlled Switch, Osborn I. Price, 2,455,947, 4 cl
 Double Throw Switch, Howard W. Graybill, 2,456,502, 6 cl
 Switching Arrangement for Selectors, Bert W. Roth, 2,456,893, 4 cl
 Electric Switch, James Leslie Ashford, 2,457,115, 2 cl
 Sealed Switch, Harvey Hubbell, 2,457,153, 14 cl
 Electric Switch, Raymond N. Rowe, 2,457,497, 9 cl
 Apparatus for Sequentially Keying and Connecting a Plurality of Oscillators to a Common Output Circuit, Rudolf F. Wild and Fred J. Curran, 2,457,790, 7 cl

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- Circuit Breakers and Interrupters
 Motors and Generators, Controls
 Relays
 Vibrators

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 Electronic Switch, John Kelly Johnson, 2,426,454, 13 cl
 Method of and Apparatus for Concurrent Radio Transmission and Reception, Carl E. Atkins, 2,426,581, 11 cl
 Switching Arrangement in Duplex Loud Speaking Systems, Otto Tschumi, 2,427,983, 5 cl

- Matched Potential Electrical Control System, Henry F. Herbig, 2,428,024, 6 cl
 Control Circuit, Keith L. Freeman, 2,431,237, 4 cl
 Electronic Switch, Albert G. Thomas, 2,432,260, 1 cl
 Electric Control System, Eugene H. Haug, 2,436,800, 1 cl
 Electronic Counting Chain with Decimal Indicator, Igor E. Grosdoff, 2,436,963, 3 cl
 Electric Control Circuit, Georges Belfils, 2,437,060, 8 cl
 Control System, Slavo J. Murcek, 2,438,017, 5 cl
 Uncontrolled Transmitter Tuning and Antenn Switching Arrangement, John Mathieson Dodd and John Heywood Ludlow, 2,438,116, 2 cl
 Transmitter-receiver Switching System, James F. Keister, 2,438,367, 3 cl
 Electronic Audio Switch, William D. Houghtor, 2,440,049, 9 cl
 Electromagnetic Switching System Aided by Space discharge Device, Maurice E. Bivens, 2,441,788, 6 cl
 Electron Off and On Relay Tube, John H. Homrighous, 2,442,565, 1 cl
 Polarity Reversing Switch, Allan John Campbell and John Peter Bloom, 2,442,585, 2 cl
 Electronic Circuit, Daniel S. Pensyl, 2,443,195, 4 cl
 Radio-frequency Switch Assembly, Henry D. Morris and Phillip A. Vonada, 2,443,635, 3 cl
 Switching Device for High-frequency Circuits, Eric Osborne Willoughby, 2,444,081, 2 cl
 Rotary High-frequency Switching Circuit, Nathar Marchand, 2,445,793, 11 cl
 Vacuum Tube Electronic Switch, Burns Conley, 2,446,170, 4 cl
 Sequential Electronic Commutator with Supplementary Grid Control, Arthur H. Dickinson, 2,447,799, 1 cl
 Sequential Electronic Commutator with Supplementary Grid Control, Arthur H. Dickinson, 2,447,800, 7 cl
 Photographic Flash Apparatus, Irving J. Abenc and Mack Slepoff, 2,447,832, 3 cl
 Glow Discharge Switch, Daniel Johannes Hindericus Admiraal, 2,449,632, 7 cl
 Telecommunication Switching System, Gerald Deakin, 2,454,780, 3 cl
 Inverter System, Arthur V. Loughren, 2,456,204, 14 cl
 Distributor, Clyde J. Fitch and Robert N. Eichorn, 2,456,825, 19 cl
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- Dynamometer Control System, John R. Wrathall, 2,436,345, 5 cl
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- Apparatus for Detecting Imperfections in Insulating Materials, Dick E. Stearns, 2,436,615, 3 cl
- Magnetic Inspection Apparatus, Taber de Forest, 2,436,918, 4 cl
- Apparatus for Determining the Relative Differences of Speed of Two Rotary Elements, Jaime Salles, 2,437,048, 2 cl
- Dynamometer, Jay R. Wrathall, 2,438,026, 8 cl
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- Method of and Apparatus for Indicating the Condition of an Atmosphere, William F. Ertzman, 2,438,550, 18 cl
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- Check Circuit for Inspection Apparatus, Roger E. Schell, 2,439,490, 10 cl
- Bridging Switch for Testing Series Light Circuits, Richard T. Wood, 2,439,500, 2 cl
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- Magnetic Testing Apparatus and Method, Claude M. Summers, 2,440,984, 7 cl
- Magnetic Testing Means, Boley A. Andrews, 2,442,393, 1 cl
- Magnet Tester, Valoran Russell, 2,442,618, 6 cl
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- Testing Device for Electric Tools and Appliances, Joseph H. Kirkpatrick, jr., 2,442,771, 2 cl
- Distributor Testing Apparatus and Circuit, Alan C. Williams, 2,444,014, 8 cl
- Method and Apparatus for Determining the Magnitude of a Condition, William H. Bussey, 2,444,726, 7 cl
- Electrical Strain Measuring Apparatus, Claude M. Hathaway, 2,445,880, 6 cl
- Electrolytic Concentration Indicator, Henry Lehde, 2,446,015, 2 cl
- Tester for Electrical Shieldings, Scott L. Shive, 2,446,195, 1 cl
- Apparatus for Testing Electric Cables, Richard D. Gambrill and Clay E. Lewis, 2,446,820, 7 cl
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- Supersonic Inspection, Vincent G. Shaw, 2,448,399, 2 cl
- Test Socket, Oliver James Morelock, 2,448,452, 6 cl
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- Electrical Testing Device, Francis W. Clayden, 2,449,057, 8 cl
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- Electrical Coil Tester, Anthony G. Brown, 2,450,577, 1 cl
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- Thermoelectric Current Generating Device, Emmett F. Sarver, 2,425,647, 10 cl
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- Transmission Line Transducer, John Evans, 2,428,272, 18 cl
- Signal Translating Apparatus, Harry F. Olson, 2,429,104, 1 cl
- Magnetostrictive Oscillator, Francis P. Bundy, 2,431,026, 3 cl
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X

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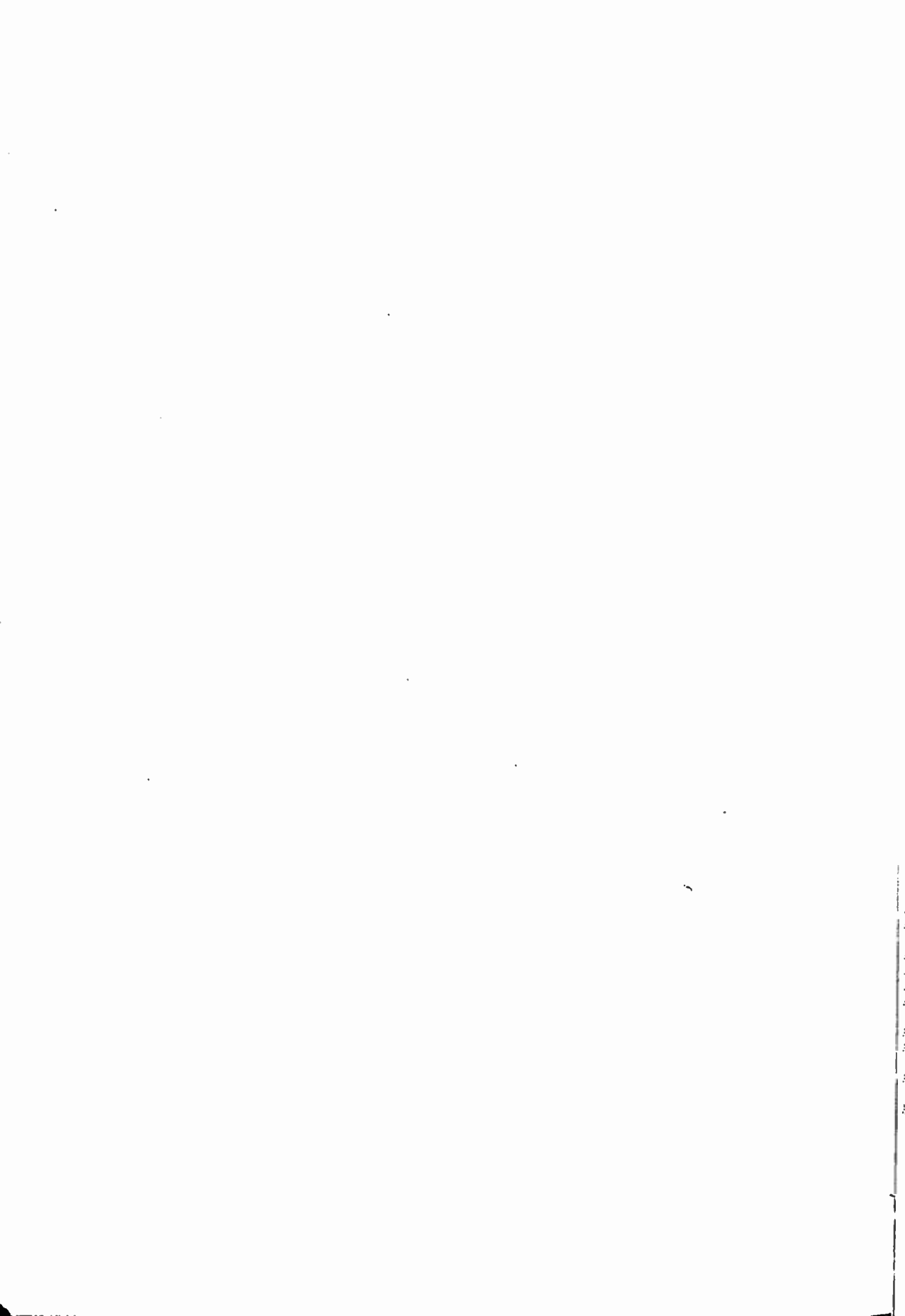
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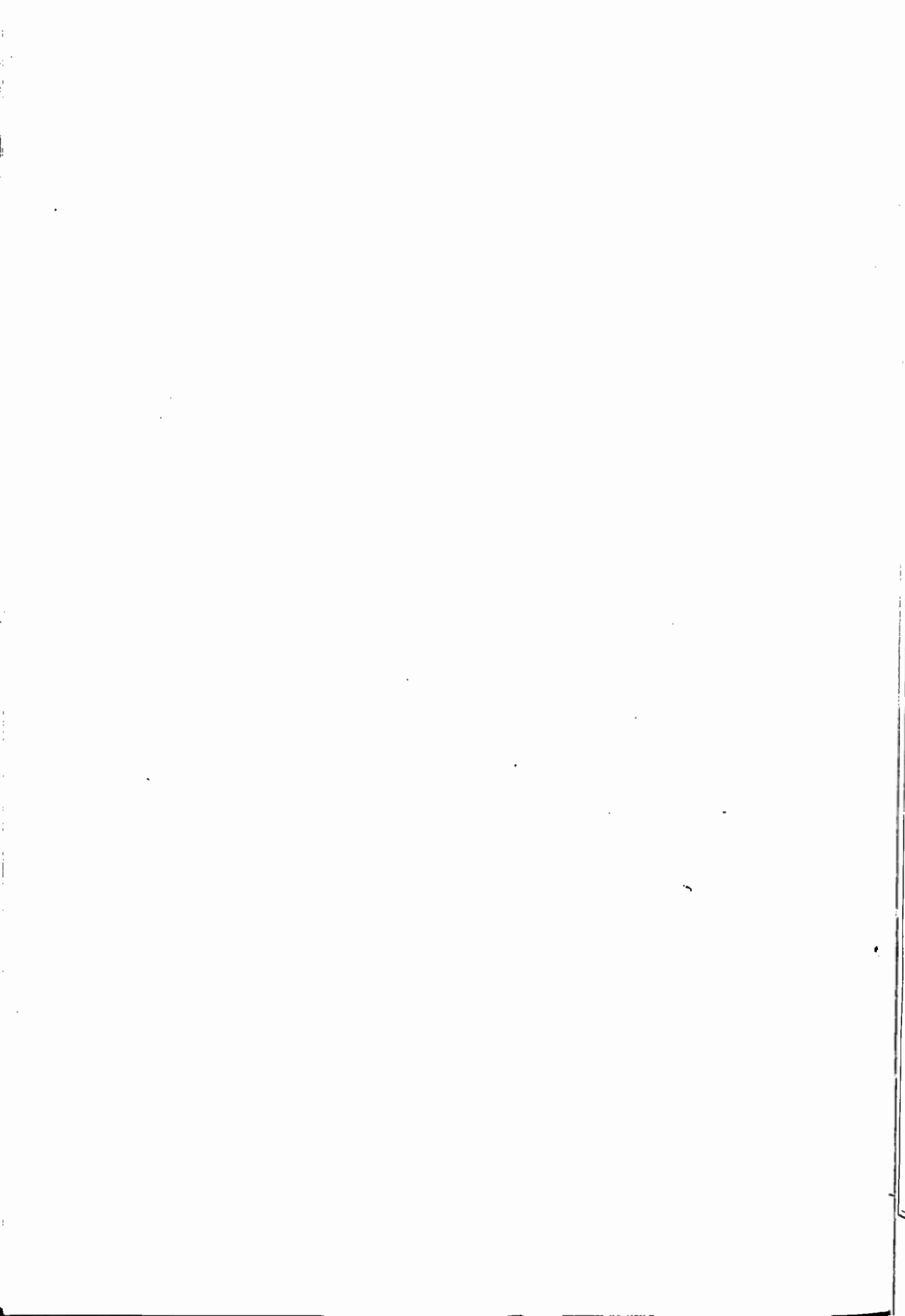
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