

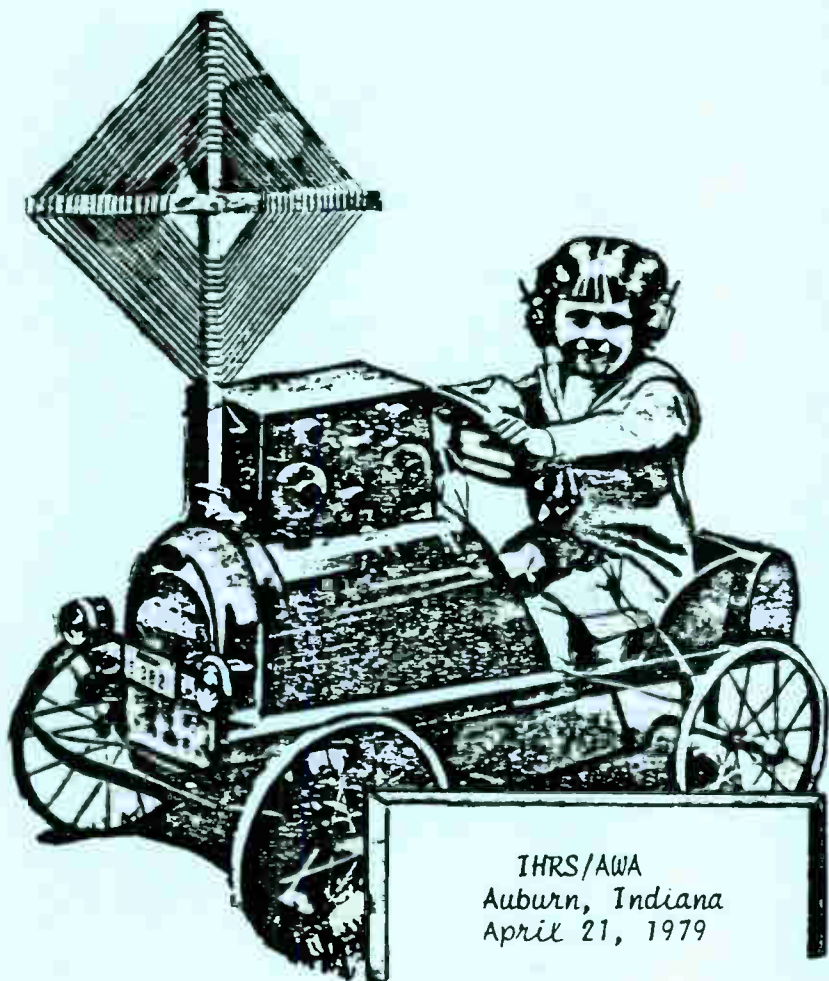
Indiana Historical Radio Society

BULLETIN

Vol. 8

March 1979

No. 1



IHRS/AWA
Auburn, Indiana
April 21, 1979



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 15 Todd Pl., Terre Haute, IN 47803

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 PO Box 415, New Palestine, IN 46163

Editor Fred C. Prohl
 7257 Murphy Drive, Indianapolis, IN 46256

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 245 N Oakland Ave., Indianapolis, IN 46201

FOR INFORMATION WRITE TO:

- Vice President - For legal matters of the I H R S.
- Secretary - For general correspondence and membership applications.
- Treasurer - For membership payments and address changes.
- Historian - For history of the I H R S and for donations of material for the Society Scrapbook.

Please use a Self Addressed Stamped Envelope when corresponding.

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I H R S 1979 MEETING SCHEDULE

APRIL 21, 1979 - A C D Museum, Auburn, Indiana
(Program for the meet starts on page 11 of
this Bulletin.)

July 14, 1979 - Riverside Park Pavillion, Logansport,
Indiana. Time - 9:00 AM to 5:00 PM.

Swap and Sell from your car trunk.
Antique Radio Contest.

Classes: Indiana made radios to 1940.
Unusual and disguised radios.
Crosley radios to 1940.

(Contest judging by ballots - everyone
can vote.)

Everyone is asked to bring a carry in dish.
Charcoal grills and lots of picnic tables are
available. More meeting details and specific
directions will be in the June Bulletin.

September 15, 1979 - Valpo Tech, Valparasio, Indiana. -

Price \$12.00 F.O.B. N.Y. City



**INTRODUCING THE
KING "AM-PLI-TONE"
A RADIO SURPRISE**

Pat's
Pend'g

**Listen to the Concerts, News and Dance
with a KING "AM-PLI-TONE."**
Just slip your head phones on the "AM-PLI
TONE" and you and your friends will be SUR-
PRISED.

Polished Cast Aluminum Body with Nickle Plated
Base and Horn. No sheet Metal is used, the "Tin-
ny" Sound is Left Out. The VOLUME is
DOUBLED because TWO head phones are blended into one
POWERFUL tone.

A big hit—a big seller and immediate deliveries.
Dealers and distributors what more can you ask?
Write today for territory—KING "AM-PLI-TONE"

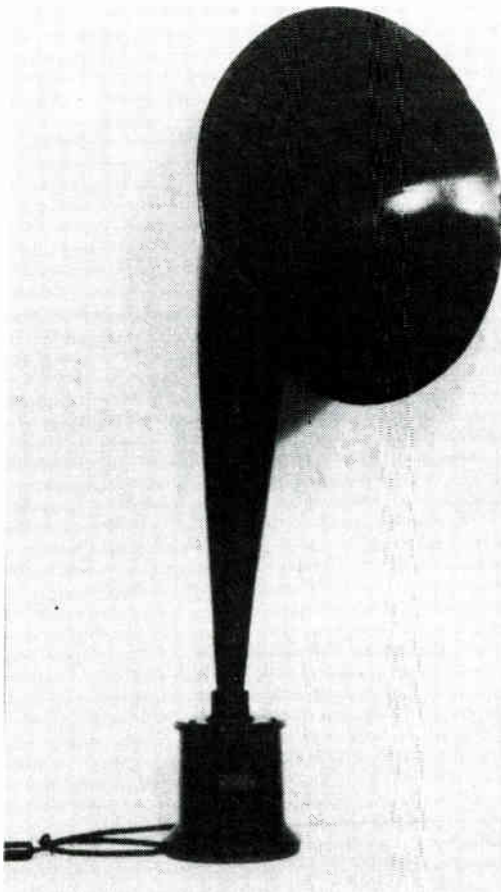
82 Church St., New York City

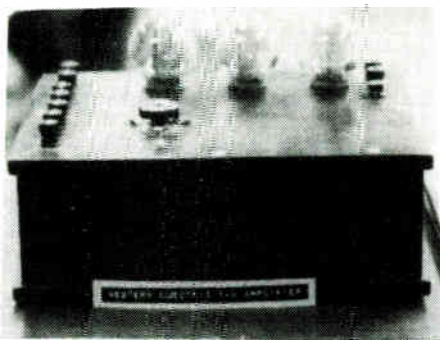
NOTICE: All infringers of
this device will
be vigorosa-
ly prosecuted.

I H R S AT INDIANAPOLIS
Winter 1979

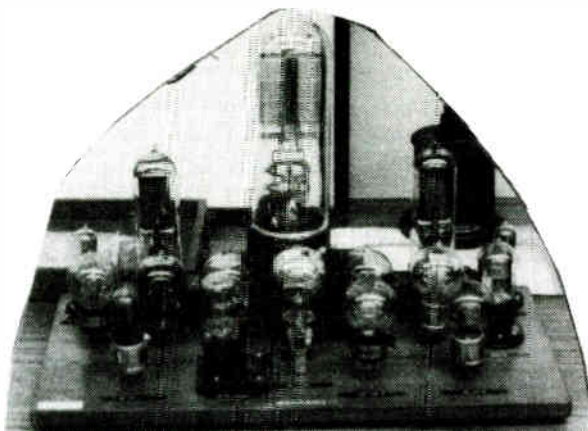
Approximately 40 I H R S members and family enjoyed a meeting of radio collectors on February 24, 1979 in Indianapolis.

The days activities included a swap session, slide show on the A W A Museum, business meeting and a display of Western Electric radio gear. Page 4 and 5 of this Bulletin picture some items from the display.

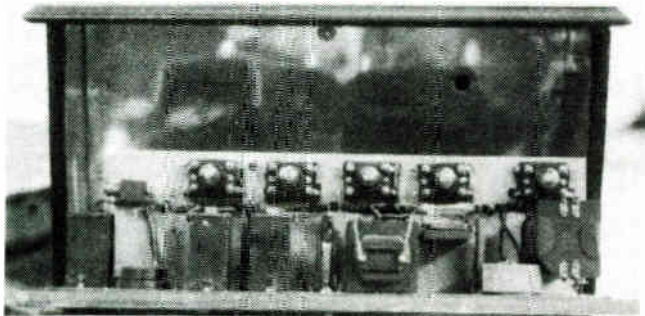




The Western Electric 7A amplifier.
(Ed Taylor)



A fine collection of Western Electric Tubes.
(Ross Smith)



A superhet with 215As and Western Electric components.
(Fred Prohl)

★ ★ RADIOADS ★ ★

- WANTED Factory made crystal receivers and parts. Loose coupler and tripod base for Martian crystal set. Bob Lessard, 4807 N.E.5th St., Columbia Heights, Minn. 55421
- WANTED AK-19 cabinet, coils or junk chassis for Kennedy 110, chassis for Federal 110. Al Jochem, 2047 College Ave., Quincy, IL 62301
- WANTED Any Crystal detector stand or parts (except Philmore), especially need complete carborundum equalizing detector unit. Have new VT-24/864 tubes for sale, six for \$21.00 postpaid. George Haymans, P.O. Box 2478, Gainesville, Georgia 30501
- WANTED Old Radio Adds or anything pertaining to old radios or horn speakers. Also will buy radios or speakers. Must be reasonable. Dale McClain, 130 Hoover Drive, Ft. Wayne, IN 46816
- WANTED Thordarson spark transformer as pictured on page 49 of Vintage Radio by McMahon, either 1/2 K or 1 K as used with a rotary spark gap of the teens. Workable condition. Marshall Howenstein, 2741 North Salisbury, W. Lafayette, IN 47906 (317) 463-5864
- WANTED Magnetic Speaker in metal box for Philco Model 511 AC or Similar Fish Tank Model, Cash or Trade. Ross Smith, 1133 Strong Ave., Elkhart, IN 46514
- WANTED The Experimenter Magazine 1926 How To Build Crystal Set Loud Speaker. Variable Condensers 140 MFD and 350 MFD. Need cabinet picture of a 5 tube Type G Airway Toledo Battery set. Hugo Castelli, 1406 East 5th Ave., Joliet, ILL 60433
- WANTED Tuning condenser for Stewart Warner model 300. Also, have reprints of Radiola 20 instruction book at \$3.00 ppd. Gordon Eklund, 6518 Gunpowder Lane, Prospect Ky. 40059

★ ★ RADIOADS ★ ★

SELL/TRADE Early battery radios. Crosley, Radiola, Freshman, Etc. 5 page list of radios, tubes, parts and allied items. Large S A S E and dime. R. Chester Wisner (WVSR), 1014 Main Street, Dalton, Mass 01226

SELL/TRADE Have RCA 6 tube pre-octal air craft radio, model AVR-30A for \$25.00 plus shipping. Have AK-10 (4700), Aeriola Sr. and Howe Crystal Set for trade on AK-9 or early Tuska or Amrad equipment. Need top cover for Neutrowound. Geo. Hausske, 1922 E. Indiana St, Wheaton, IL 60187

FOR SALE Send S A S E for info on AK breadboard parts catalog reprint and list of capacitors for AC radio set restoration. G. B. Schneider, 6848 Commonwealth Blvd., Parma Heights, Ohio 44130

WANTED To correspond with buyer or owner of Airline "6" chassis at I H R S Auction, Auburn IN. C. E. Strand Box 3053, Marion, IN 46952

FOR SALE Crosley Tridyne, Ex Cond. \$65.00, RCA Cathedral speaker \$25.00, 01A's, 99's, etc. some in boxes (new). Send S A S E for list to Willard Rush, Box 271, Rt#2, Howard City, Mich. 49329

WANTED Schematic for Tuska 225, pencil sketch ok. Also 2 audio transformers for David Grimes 5D-1 audio transformers can be open. Herb Balmer, 610 N-14th, Marysville, Ks. 66508

WANTED Grandfather clock radios. Prefer Philco 70, Majestic and Crosley. Also want mint Freed-Eisemann #14 speaker, Philco 90 and Philco 51 clock radio. Ed Sage, 559 Civic Center St. Richmond, Calif. 94804 (415) 236-8093

WANTED Any radios or related items made in Cleveland, Ohio. G. B. Schneider, 6848 Commonwealth Blvd., Parma Hgts., Ohio 44130

★ ★ RADIOADS ★ ★

FOR SALE Send S A S E for list of radios; Marconi, Mignon, Deforest, etc and information on new power supply with full year warrenty, and new Deforest type litz wire. Glenn S. Streeter, 4133 Via Nivel, Palos Verdes Estates, California 90274

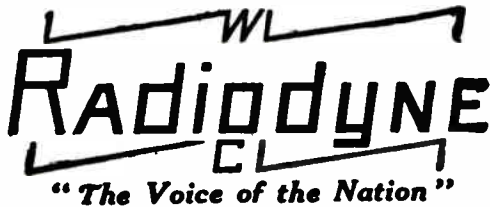
WANTED Power pack for AK radio model 40, and power pack for Pilot NO-K111, both must be good. Also need one Harmmulund ML7-00014 microF variable condenser, two Dogan supreme 3 to 1 audio transformers or two Apollo AF transformers 3 to 1. Hugo Castelli, 1406 E.5th AVE, Joliet, ILL 60433

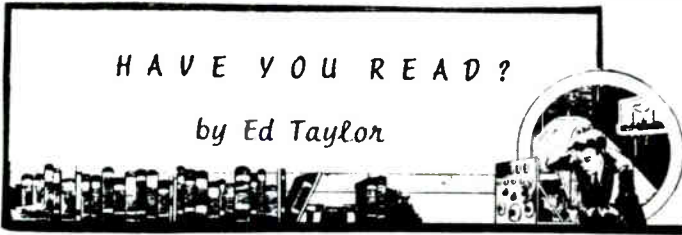
WANTED Polit Audio transformer, 390 or 391. E. A. Smith, 2706 Cub Hill, Baltimore, MD 21234

WANTED Grebe CR-5 or Syncrophase tube socket and filament rheostat with thumbwheel. Will buy any parts available. S. Wolf, 15 Soldiers Field Place, Brighton, MA 02135 Phone (617) 787-2800

WANTED Bottom cover for Crosley Pup; Battery cable for AK 10C; rheostats for Crosley 52; supplier for urethane rubber belts listed in December I H R S Bulletin. A. R. Nolf, 7 Cambrian Way, EWLOE CLWYD, N. Wales, U.K.

RADIOADS are F R E E to all I H R S members. Radioads and information for the June Bulletin should be submitted for printing by June 15, 1979.





1923 CROSLEY RADIO CATALOG

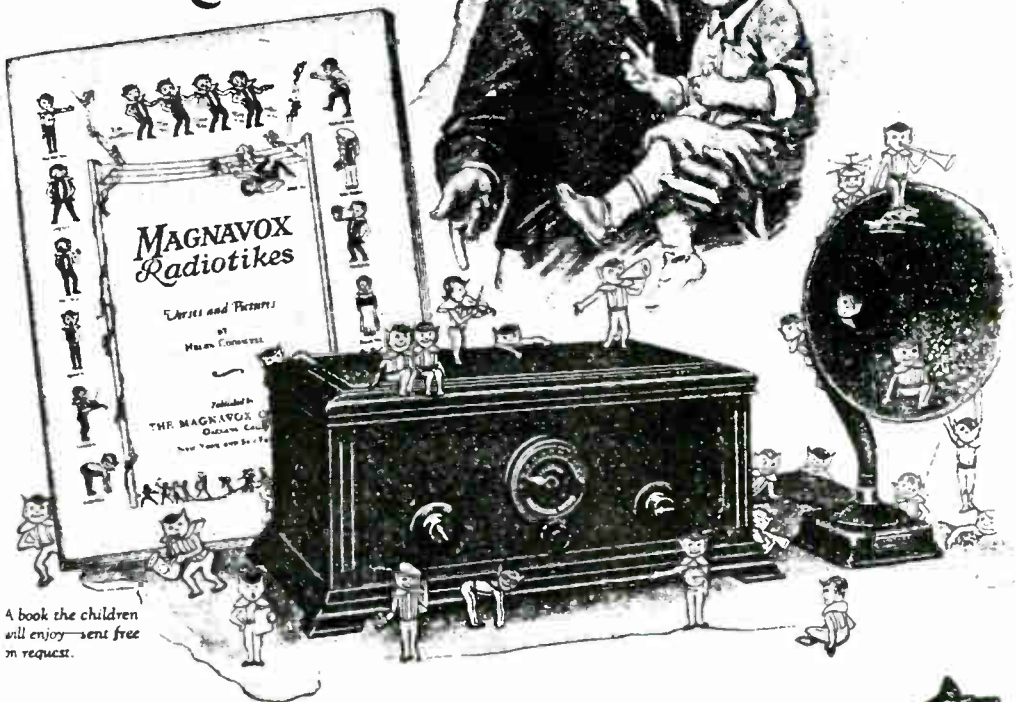
Reprinted by the Vestal Press, P.O. Box 97
Vestal, NY 13850. \$4. NY residents add 7% tax.

For Crosley collectors, this 6 X 8 $\frac{1}{2}$ catalog pictures and describes the following models: I crystal set, V Harco Sr., VI portable, VI special, VIII, X, XII, XV, XX, XXV, plus experimental unit detectors, RF/AF amplifiers, and all the Crosley parts available in 1923.

A discussion about using 1 $\frac{1}{2}$ volt tubes in Crosley receivers and complete instructions for erecting an antenna are also included in this catalog. There are 2 pages of testimonial letters from satisfied Crosley customers. This 32 page booklet is nicely printed on heavy slick paper with a buff cover. It is a first class reprint job in every respect.



Meet the MAGNAVOX Radiotikes



A book the children will enjoy—sent free on request.

THE new Magnavox Receiver (with or without built-in Magnavox Reproducer) is an entirely new development of tuned radio frequency.

The ease of selecting the desired station directly with *one dial* is only equalled by the quality of Magnavox reception—the highest musical standard yet achieved in radio.

Magnavox Radio products are sold by reliable dealers everywhere. Interesting literature sent free on request.



TRF-5 RECEIVING SET
A 5-tube circuit in carved mahogany cabinet complete with a Magnavox Reproducer
\$125

TRF-50 RECEIVING SET
with doors and built-in Reproducer
\$150

THE MAGNAVOX COMPANY OAKLAND, CALIFORNIA

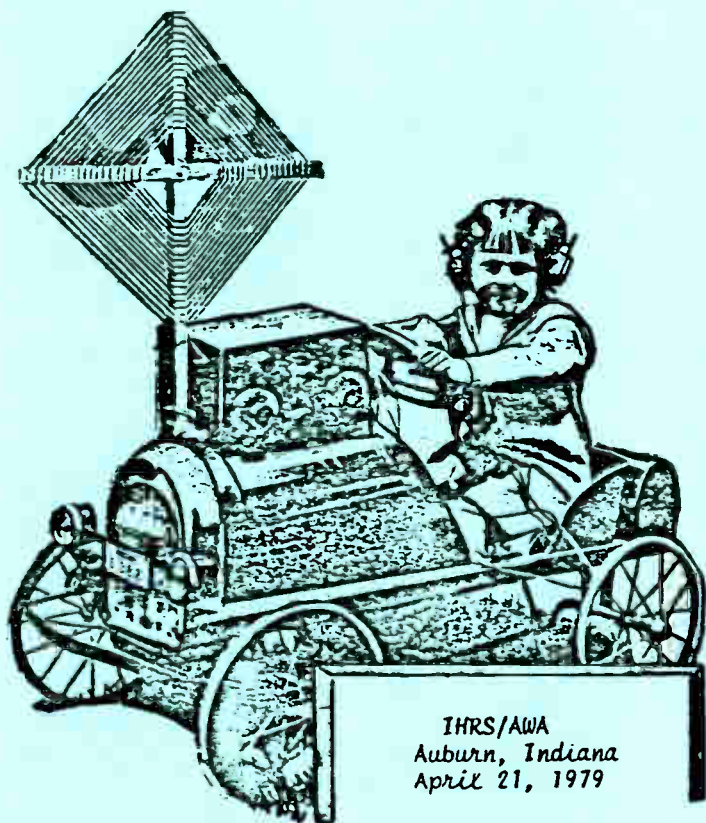
New York: 350 West 31st St. Chicago: 162 N. State St. San Francisco: 274 Brannan St.
Canadian Distributors: Perkins Electric Limited, Toronto, Montreal, Winnipeg

Send me a complimentary copy of Radiotikes.

Name

Address

THE ANTIQUE WIRELESS ASSOCIATION
REGIONAL CONFERENCE
AND
THE INDIANA HISTORICAL RADIO SOCIETY
SPRING MEET



Let's Go

Program

FRIDAY EVENING, APRIL 20

- 6:00 PM Early Registration and MUSEUM DISPLAYS.
7:30 PM OLD TIME MOVIE.

SATURDAY, APRIL 21

- 9:00 AM OUT DOOR SWAP MEET, south parking lot near the loading dock.
10:00 AM REGISTRATION
10:00 AM Register EQUIPMENT for the afternoon AUCTION.
10:00 AM Register items for the OLD EQUIPMENT CONTEST. (Both must be registered by 12:00 noon.)
10:45 AM AUCTION OF DONATED ITEMS FOR THE MUSEUM FUND. Bring your surplus parts and equipment - this is your chance to move them along for a good cause.

AUCTION

- 1:00 PM AUCTION OF PERSONAL EQUIPMENT. A 10% donation is asked for the I H R S Museum Fund.
4:00 PM "Philo Farnsworth" Television Pioneer. Presented by Steve Hofer, Eastern Illinois University.
4:00 PM CONTEST JUDGING, Ed Taylor, Chairman.
4:45 PM RESTORATION CLINIC SHOW AND TELL. Bring your story or equipment to show how you handled a restoration job. AWARD for the best example. Everyone is welcome to participate. Ron Scranton, Chairman.
7:00 PM BANQUET AND SPECIAL ENTERTAINMENT by the Johnny Appleseed Dulcimer Club.

BANQUET

RADIO CONFERENCE

PRE-REGISTER FOR THE MEETING

Banquet reservations with full payment must be received by April 13, 1979.

Banquet ticket and admission to Museum - \$10.00 each.
Adult admission at the door - - - - - 2.00 each.
Student or child admission at the door - 1.00 each.

Mail your registration and check (payable to I H R S)
to: Frank Heathcote, 1235 N. 3rd Street, Logansport,
Indiana 46947.

OLD EQUIPMENT CONTEST

CLASS I

- Military Radio Gear
a. Circa WWI
b. Circa WWII

CLASS II

- A. C. Cathedral Style
Receivers

CLASS III

- Crystal Sets
a. Homemade
b. Commercially made with the original selling price of under \$5.00.
c. Commercially made with the original selling price over \$5.00.

CLASS IV

- Speakers
a. Horn
b. Cone

CLASS V

- Radio Advertising

CLASS VI

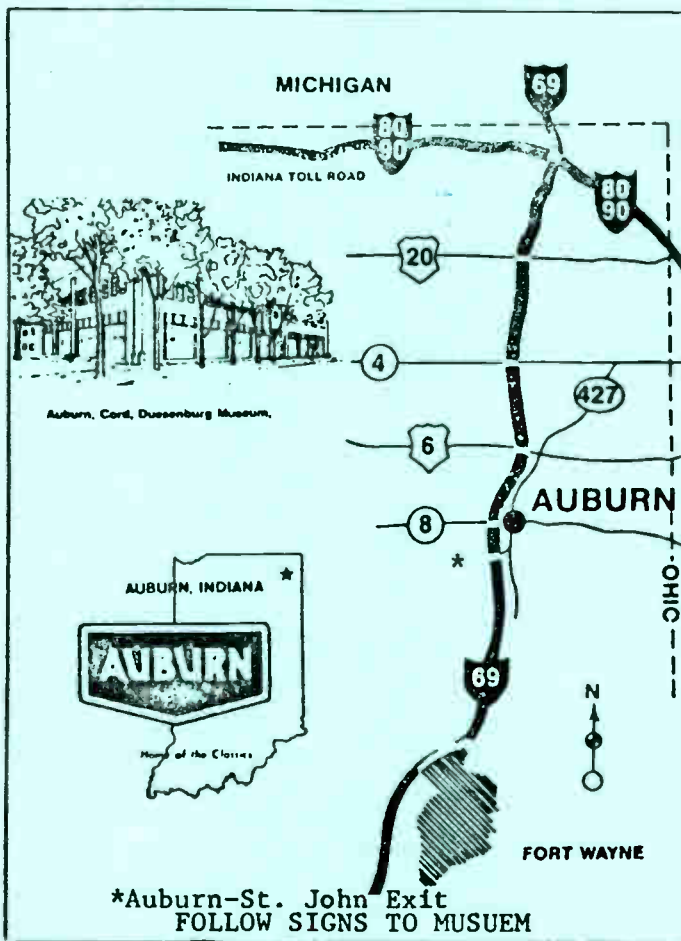
- Any Receiver Using Four Tubes or Less.

Judging criteria will be: Historical Significance,
Uniqueness and Rarity,
Quality of Restoration and
Supporting Documentation.

Ed Taylor, Contest Chairman

Indiana's *Auburn·Cord·Duesenberg* Museum

AUBURN, INDIANA 46706



MAKE MOTEL RESERVATIONS NOW!

L. K. Motel, I-65 & US 27, Auburn, Indiana 46706
Phone 1-800/447-4470

Star-Lite Motel, 936 West 7th St., Auburn, Indiana 46707
Phone 1-219/925-0500

HUNTER'S CORNER -

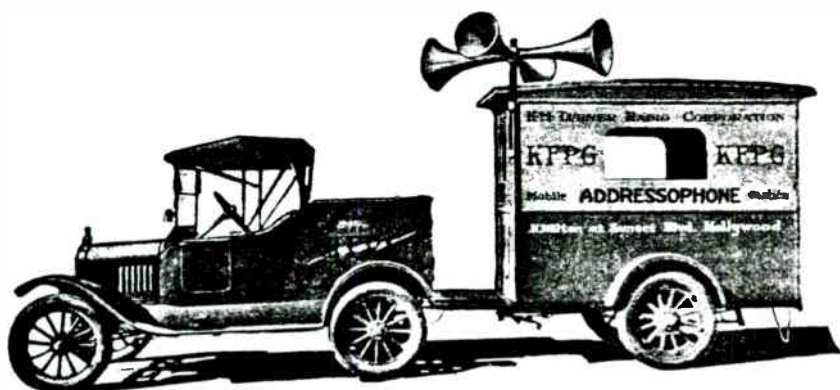
Ross Smith found a cabinet for his RCA IV. (He swapped a cathedral for it) Also among his recently acquisitions are a Kodette model F, and a Kodette Jr.

Don Johnson located an AK model 10 at a very good price.

Ed Taylor (who has a knack for picking up nice little rare items...) picked up a scarce scanning disc and motor, made by Western Tel.Co.

Walt Sanders came up with a Grebe Synchrophase Seven, an RCA IV, and a Victor V outside horn phonograph (1906) recently to add to his collection.

Frank Heathcote picked up a rusty Bristol audio amplifier and Tuska radio, but before he even had a chance to remove the dust from the bakelite he had traded them for an early Vitactone round top in excellent condition!



The Mobile Addressophone

INDIANA HISTORICAL RADIO

FIRST PLAYING RADIO IN PUTNAM COUNTY, INDIANA

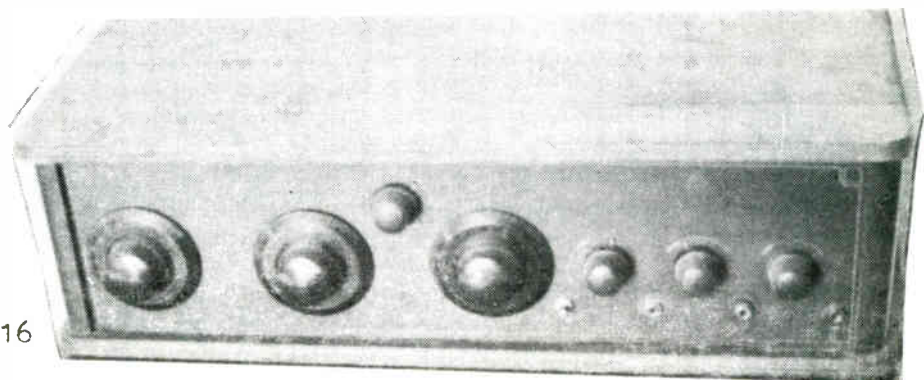
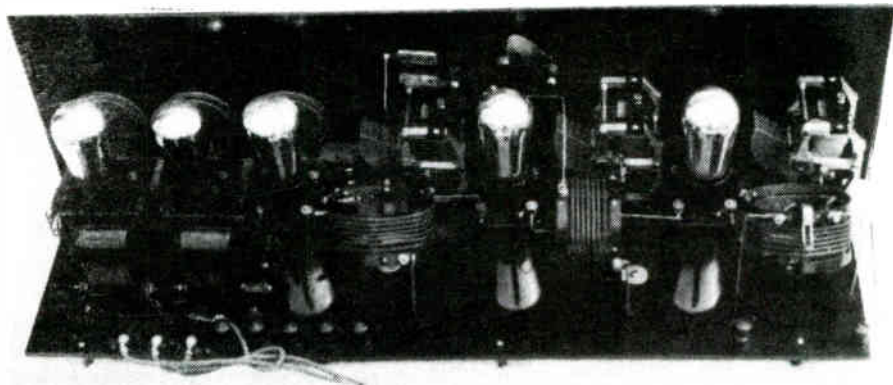
Bremer-Tully "Nameless"

Assembled by Harold Wright in 1925

Mr. Harold Wright lived in Manhattan, Indiana, and operated a radio store in Greencastle, Indiana, until his death in 1974. He built this radio from Bremer-Tully "Nameless" parts ordered from Allied Radio in Chicago in 1925.

Mr. Wright later assembled six tube, single dial radios and sold them under the name Oakley Grand. Seven sets were sold for \$139 each, including batteries and tubes, before infringement on patent rights forced him to stop. None of these sets is known to exist today.

Walt Sanders



A "B" Battery Fuse

THE fuse manufactured by the Chicago Fuse Company is an excellent item for the experimenter. It is intended to be used in series with the negative B battery lead of a receiving tube and prevents burnout of the tube filament in case the B battery voltage is accidentally applied to the tube filament. A number of these fuses have been tested and all were found to give adequate protection to a UV201A tube when 22 volts were connected directly to the filament terminals, with the fuse in series. The fuse blew instantaneously, not even giving the tube a chance to show any heat at all. All fuses tested uniformly and all melted at a current of 200 milliamperes.

The fuse proper is separable from the base, or mounting, and is a very neat looking glass enclosed accessory. In order to replace a blown fuse it is only necessary



to pull out the bad fuse and plug in a new one. The device will not only afford protection to receiving tubes but will also prevent accidental short-circuits of the B batteries themselves.

THE ACOUSTICAL AMPLIFIER

BEL-CANTO

TRADE MARK

Loud Speaker

Amplifies Without Distortion

Built along scientifically correct principles, following minutely the natural functions of the human throat. The unexcelled acoustical amplifier!

The receiver is the vocal cord (A); the long tapering inner horn is the throat (B); and the sounding board at the top is the roof of the mouth (C).

With this superlative amplifier you can readily distinguish the delicate tonal differences between the harp and the piano, even when the two are playing together. A test never before equalled.

Patent Applied for

Is adjusted for regenerative two stages of amplification, also five tube radio and audio frequency.

Special phone cord and plug, price \$30.00 F.O.B. New York. If dealer can't supply, we can.

Full line of radio parts.

BEL-CANTO CORPORATION

417 East 34th Street New York City

HISTORICALLY SIGNIFICANT KEYS

Louise Ramsey Moreau, W3WRE

Occasionally a collector surprises us with something that is more than just an "antique" because in addition to its age, it was used, or was a part of an historical event. We see many in the great Museums, and in the case of keys there seems to be more than anything else in communications gear.

The Smithsonian, for example, boasts the original "Correspondent" that Samuel F. B. Morse used to ask his famous question on May 24, 1844. The Henry Ford Museum proudly exhibits the cable instruments that carried the first exchange of messages between Queen Victoria and President Buchanan. And, if we check closely among the many types of cable instruments we see those that were designed by De Sauty as they all "learned by doing". We can find the Beardsley instrument that was used by the Union Army at Chancellorsville in the Civil War Museum at that battlefield.

There are many in the huge public museums but there are quite a few in private collections. Dr. E. Stuart Davis, W2ZM, has one of the rarest prizes in his collection, a Correspondent (key) and Register that belonged to Morse, that, historians at least, find outshines all the rest in his Museum.

Ed Raser, W2ZI, has a collection that is second to none in my opinion. He has serial number 1 pieces of antique radio gear. But among them all is one piece that was involved in sensational headline news, the charred remains of the Vibroplex from the Morro Castle.

continued on page 19

Here in my own collection which is nothing but keys, are several that were involved in moments of history. The "prize" is, of course, the Camelback key that was found in the ruins of the Western Union office in Johnstown, Pennsylvania after the flood in 1889. A so-called "Albright Bug" that John Alcorn, a CND operator for the Hearst Syndicate used in the "Smoke-filled Room" to tell the world that Harding has been chosen as a Presidential candidate. And there is the Navy Key that was salvaged from the Battleship California that was bombed and sunk at Pearl Harbor, December 7, 1941.

All Keys have a story. Many have written history on the wires or in the ionosphere. A few of us are fortunate enough to have acquired some of them to act as special parts of our collections.

We never seem to hear about the historic receivers, transmitters and other communications equipment that have been used on historic occasions. It would be interesting to know if any exist in private collections and the headline events they have seen.

* * * * *

Editors Note: Lou Moreau is considered the number one collector and historian of keys in the Antique Wireless Association. Her years of experience as a land line operator and as YL Editor of Q.S.T. Magazine are only two of many reasons qualifying her for this position. Her picture collection, documents, stories and slide programs on the three Johnstown Floods are considered superior in accuracy and detail. She writes for all the major radio and wireless bulletins. We are indeed privileged to include one of her articles in the I M R S Bulletin written specifically for us.



**WIRELESS OPERATORS
SEE THE WORLD**

Positions always open. Good salaries. Day and evening sessions. Correspondence courses. Wireless apparatus for home use. Send 6 cents in stamps for catalog.

Phila. School of Wireless Teleg.
10 Parkway Bldg., Philadelphia, Pa.

THE I F R S COLLECTOR

The collecting bug that bit Fred Prohl jumped out of his father-in-law's barn. The little critter is sitting on Fred's lap in the picture. (It looks a lot like a 1920 or earlier loose coupler!!!)

When the former IHRS president is not teaching electronics, or raising a couple of knee-high-to-a-grasshopper-squirts , he can be found hunting through old boxes at an estate auction. Or, you might sight him bartering for a set of headphones on a table at a flea market.

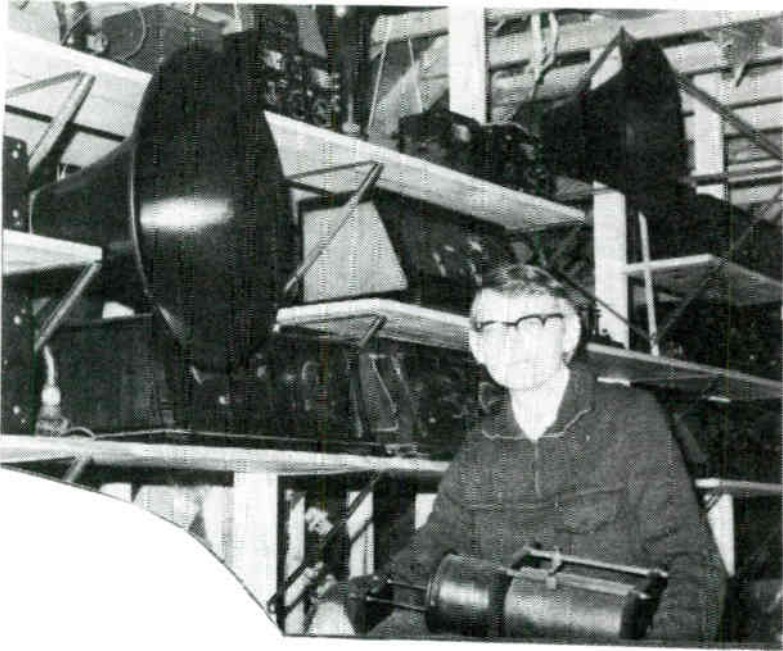
While the current editor is interested in a large variety of early wireless, he tends to lean toward Indiana-made or unusual and unique circuits. He also admits to having a weakness for horn speakers of unique quality.

Restoration is a big part of the excitement for this collector of ether wave apparatus. His skill is evident when one walks through his living room and examines a couple of the (furniture quality) radios that adorn it.

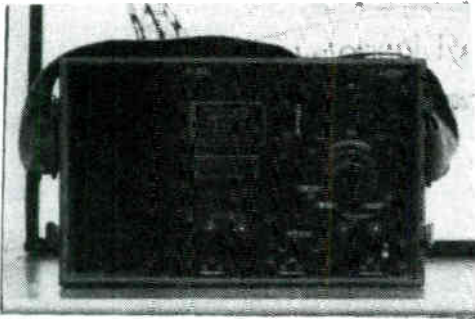
Fred's latest addition is a very nice BC-44A amplifier (made by Western Electric circa 1919) that he aquired in a trade at the 1979 winter meet in Indy. As you can see from the photo, it is the perfect match for the Western Elec. version of the BC-14 X-tal set of the same vintage.

Although cost prohibitive, Fred would like to move into spark gear. He is fascinated by the gear that was intended strictly for the amplification of code.

Fred's display of about thirty sets is open to all enthusiasts who will call in advance.



Prohl in his attic.



The BC 44A amplifier.



??? A K ???

Have you seen an A K receiver that wasn't Atwater Kent? I recently located this radio with a large A K on the tuning knob. In this case A K stands for the Air King Co. of Brooklyn, N.Y. Air King radios were also marketed under the following trade names: Acratone, Air Queen, Bell Tone, Comet, Croudon, Gilt Edge, Meteor, Premier, Rex, Sky Hawk, Sky King, Song Bird, and Tone Master.

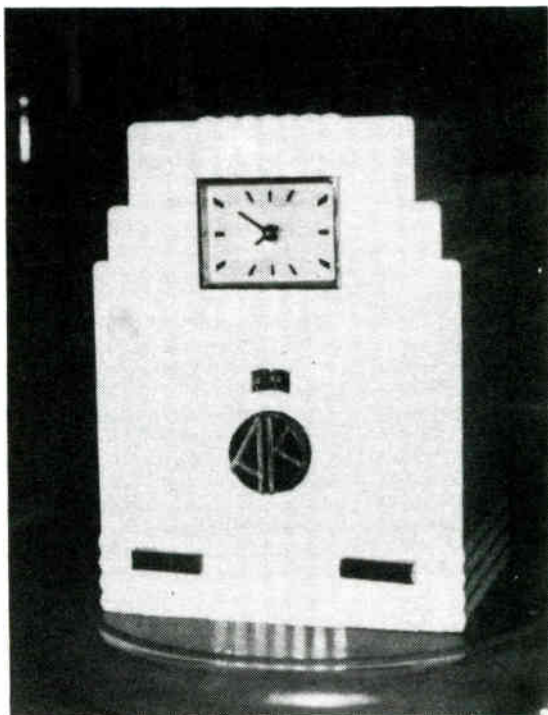
The ivory cabinet, accented with chrome and black, is pure Art Deco styling. Made in 1933, this set featured an electric clock. Not self starting, the clock must be started by moving a lever at the back. The 5 tube radio uses 3 of the screen grid type and also sports a tone control.

In restoration I had to replace all the electrolytic and paper capacitors. The output transformer was also open. One "new" type 57 tube and a line cord put this old beauty back on the air.

Lay museum visitors relate to a cathedral radio of the '30s whereas a piece of Marconi or DeForest equipment is meaningless to them.

The next time you see a strange A K, take a closer look.

Ed Taylor



THIS IS THE SWITCH
 that does the trick
 Turn it 'till you hear it click
 FOUR WAY COMPANY, SPRINGFIELD, MASS. U.S.A.



- Turn 1: Head Set
- Turn 2: Loud Speaker
- Turn 3: Both in Series
- Turn 4: Both in Parallel



—a switch plug which makes it possible to tune in through head set and switch in loud speaker by turning dial. Two head sets can be readily attached, or one head set and loud speaker.

Price:

\$1.50
 Ask your Dealer

Both can be used at the same time or either alone.

The latest and greatest improvement in Radio!

Order yours TODAY

FOUR WAY COMPANY
 Myrick Building
 SPRINGFIELD, MASSACHUSETTS



LIMITED SUPPLY!

WE HAVE MADE OUR LAST PRINTING-STOCK UP WHILE YOU CAN!

FAIR WARNING TO OUR MANY FRIENDS: VINTAGE RADIO WILL SHUT DOWN.

We regret to announce the closing of our doors. There will be no more printings, unless someone else decides to take over publication.

Vintage Radio, 1887-1929
 \$8.95 soft-cover/\$10.95 hard-cover
 A Flick of the Switch, 1930-1950
 \$8.95 soft-cover/\$10.95 hard-cover
 1921-1932 Radio Collector's Guide
 \$6.95

Most-Often-Needed 1926-1938
 Radio Diagrams \$7.00
 Gemsback's 1931 Service Manual
 \$40.00

From Semaphore to Satellite
 \$19.75

Gemsback's 1927 Radio Encyclopedia, \$14.95 deluxe hard-cover

Send check or money order to Vintage Radio,
 Box 2045, Palos Verdes Pnsla., CA 90274

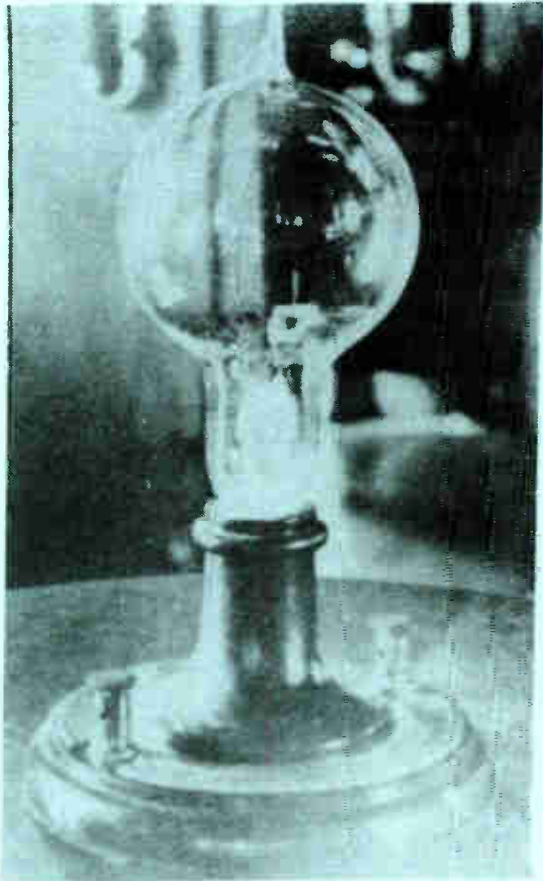
PLEASE PRINT CLEARLY _____ \$ _____
 _____ \$ _____
 CALIFORNIANS _____ \$ _____
 ADD 6% SALES TAX _____ \$ _____
 Add \$.50 per book postage & handling _____ \$ _____
 Total _____ \$ _____

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SEND BEFORE IT'S TOO LATE!!



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Replica of the first successful incandescent lamp.
(Edison National Monument)