

The

# ANTIQUE



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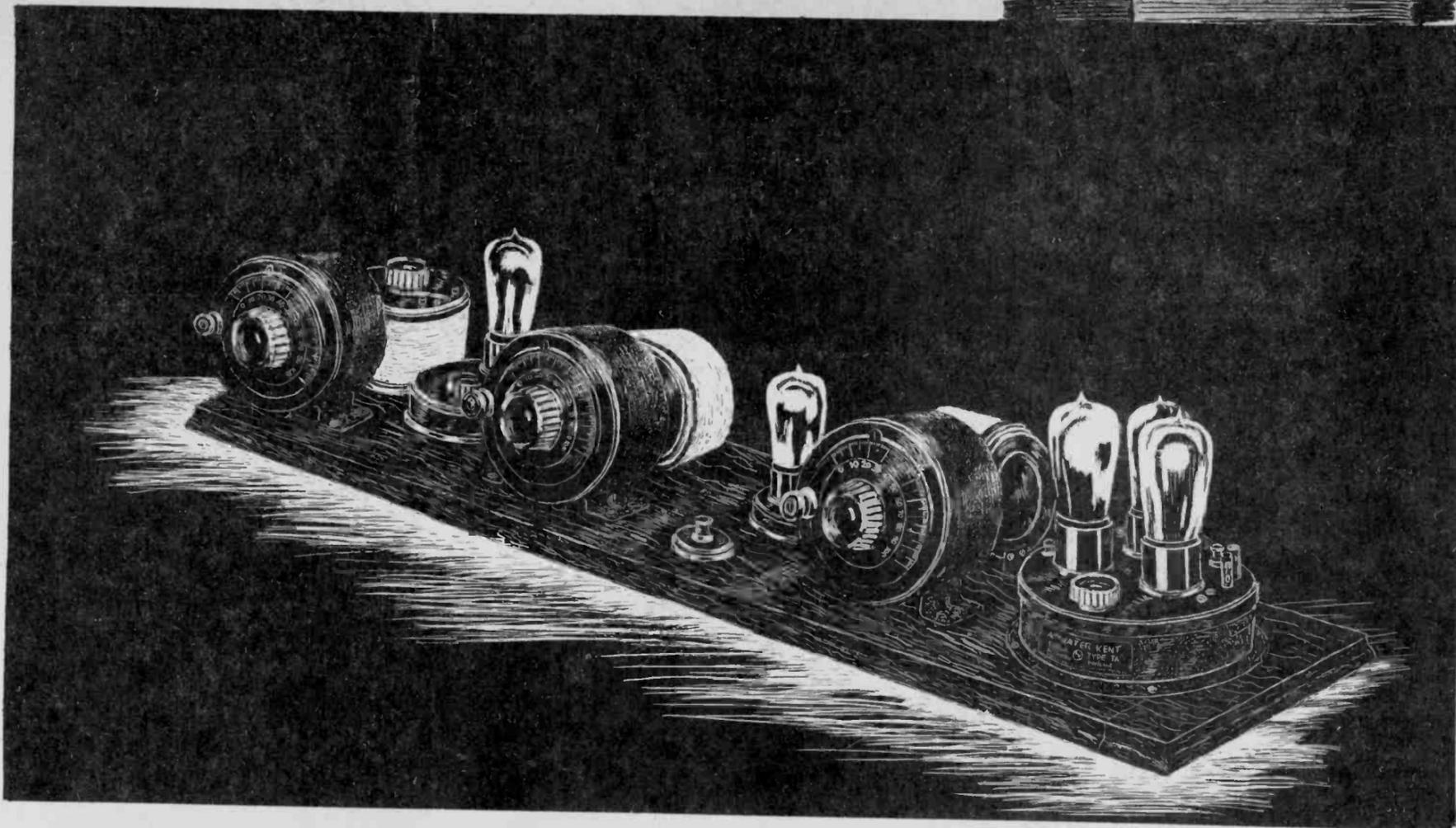
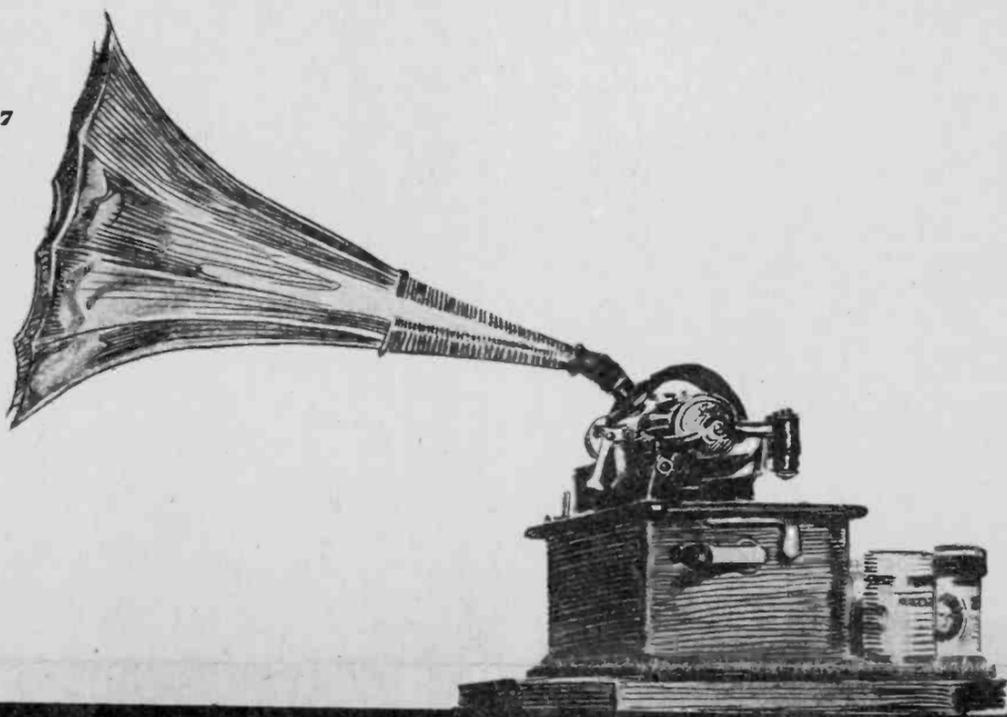
Classified ads....., 8 cent per word

## AND PHONOGRAPH NEWS

### Edison Records

- 9676 Dauny and His Hobby Horse (Pryor) Edison Concert Band
- 9675 When Summer Tells Autumn Good-bye (Helf and Lamb) Manuel Romain
- 9676 Oh, Oh, Miss Lucy Ella (Von Tilzer & Sterling) Collins & Harlan
- 9677 Secret Love Gavotte (Resch) bells solo Albert Berzler
- 9678 He Lost Her in the Subway (Henry and Bryan) Ada Jones
- 9679 Honey Boy (Von Tilzer and Norworth) Reed Miller and Reinald Werrenra'h
- 9680 Who? Me? (Snyder and Whiting) Billy Murray
- 9681 I See Thee Again Waltz (Estrada) Edison Symphony Orchestra
- 9682 June Moon (Vanderveer and Benham) Irving Gilliatte
- 9683 Kiss, Kiss, Kiss (Hoffman & Smith) Anna Held's big success in "The Parisian Model" Ada Jones & Billy Murray
- 9684 If I'm Goin' to Die, I'm Goin' to Have Some Fun (Geo. M. Cohan) Arthur Collins
- 9685 Victorious Eagle March (Rosey) Edison Military Band
- 9686 Why Did They Sell Killarney? (Dillon Bros.) Frank C. Stanley
- 9687 At the Village Post Office (Original) Edison Vaudeville Company
- 9688 'Neath the Old Cherry Tree, Sweet Marie (Williams and Van Alstyne) Byron G. Harkin
- 9689 Sweet Spirit, Hear My Prayer (Wallace) Edison Venetian Trio
- 9690 I've Had Many a Sweetheart, but None Like You (Kerr) Reed Miller
- 9691 The King's Business (Cassell and Cassell) Sacred Song Edison Mixed Quartette
- 9692 Flanagan at the Doctor's (Original Monologue) Steve Porter
- 9693 Rakoczy March (Tobani) Edison Hungarian Orchestra
- 9694 Yesterday (Charles K. Harris) Reinald Werrenra'h
- 9695 A Coon Courtship (Vaudeville Sketch) Ada Jones and Len Spencer
- 9696 When the Band Plays "Yankee Doodle" (Corin and Felst) Edward Meeker
- 9697 Many's the Time Medley Edison Military Band

October 26, 1907



## The AK 10

"breadboard" presents electronic components constructed in finished detail to form an arrangement of a beautiful radio. This Atwater Kent model 10 is the vintage radio that often furnishes the "love bite" that "infects" a person's bloodstream to become a radio collector. Many collectors cannot rest until they discover a

"breadboard" radio. It was one of the first radios designed for home entertainment broadcast receiving, starting in the early 1920's. Atwater Kent, the man who built these fabulous "breadboards", progressed to build millions of radios, which of course included radios of modern quality in the middle 1930's. He "closed the doors" of his business in 1936. photo p. 2

# Artists on the Air

JANUARY, 1925

## THE HORN SPEAKER

*Jan Grebe*

### CRYSTAL SETS

Roland Matson is purchasing 30 Kenrad crystal sets... still in their original cartons. He said, "All have mahogany case aprox 7" wide, 6" high and 6" deep. Have two metal dials in front of crystal. These are coming from a factory in Boston that has been closed down since 1922."

Roland can be reached by writing to 388 Concord Road, Bedford, Mass. 01730

### RADIO SHOW

Tom Peters of Dallas is planning to organize a radio show for April. But first he wants to form a club for radio historians and collectors of the Dallas area. Tom can be reached by calling (214) 374-8544.



A. ATWATER KENT 1930



Betty Bronson, movie star, in "Peter Pan" and Herbert Brenon, producer, telling broadcast listeners all about it from KNX

Broadcast listeners enjoyed a real treat when Paula Ayers, contralto opera star, broadcast her songs from WOR



Helen Taylor, coloratura soprano, favored WJZ listeners with an exceptionally fine program recently

## WORLD WIDE NEWS

JANUARY, 1925



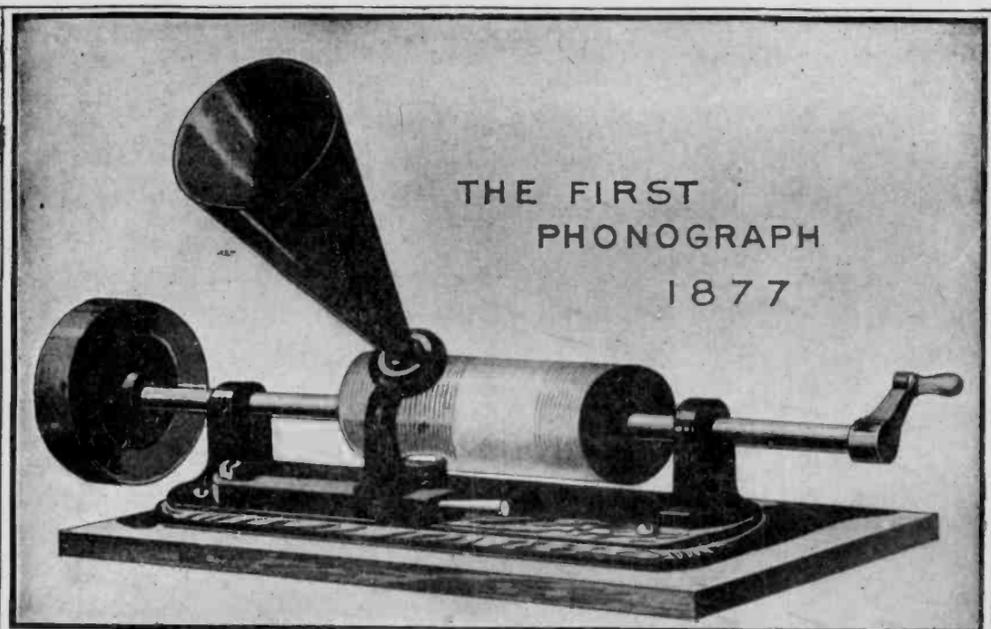
President Kalenin of Russia using radio to broadcast his address to the all-Russian Council of Soviets



Winston Churchill using the radio public loudspeaker system in an address to the British electorate

### Station on Island of Yap

THE Japanese Government is planning to erect a large wireless station on the island of Yap in the Pacific Ocean at a cost estimated at 1,500,000 yen. Construction work on the new station is expected to be started early this year. It was stated in official circles that the plan of the Japanese Government is in accordance with the treaty between the United States and Japan concerning Yap and other mandated islands in the Pacific Ocean, which was signed at Washington at the time of the Disarmament Conference.



THE FIRST  
PHONOGRAPH  
1877

Underwood & Underwood

GEO. L. SHUMAN & Co. 1914, 1918

### THE PHONOGRAPH AND ITS INVENTOR

AMONG the many brilliant ideas which have sprung from the marvelous mind of the wizard Edison, few have produced a more lasting impression on the world at large than that which made the modern talking machine possible.

The first phonograph appeared in 1876, but as early as 1856 an instrument was devised by a man named Scott which would mechanically register the atmospheric vibrations caused by the human voice or by musical instruments. This, however, was only a recorder, not a reproducer, and this second part did not make its appearance until Edison embodied both principles in his first phonograph. It was a very simple instrument and consisted of a metal cylinder finely threaded with a continuous square-section groove. This was mounted on a long spindle supported on upright bearings and having at one end a screw thread with the same pitch as that cut on the cylinder. A heavy flywheel was also placed on the spindle to make the speed of rotation uniform, and the whole was turned by a handle. A thin sheet of tin foil was stretched over the grooved cylin-

der and on it rested a steel point held down by a spring and separated from a vibrating diaphragm by a rubber pad. There was also a large mouthpiece to concentrate the sound vibrations.

To make a record with this machine a person would speak into the mouthpiece, turning the spindle by hand at the same time. The vibrations set up by the voice acted through the diaphragm on the steel needle and caused its movements to correspond with these voice vibrations. Then the needle, passing over the tin foil directly above the grooves in the cylinder, forced the thin sheet down into the grooves to a greater or less degree according to the vibrations. When the record was completed the needle could be again started in the grooves it had just made in the tin foil and the variation in the shape and depth of the grooves caused by the different vibrations of the voice would reproduce the sounds which had caused the vibrations. This first instrument, of course, had many faults. It was heavy, clumsy, and harsh-toned, and the records became quickly worn out.

CONTINUED NEXT MONTH



### The ARBITER

Electric Phonograph and Radio Combination \$137.50 LESS TUBES

1930

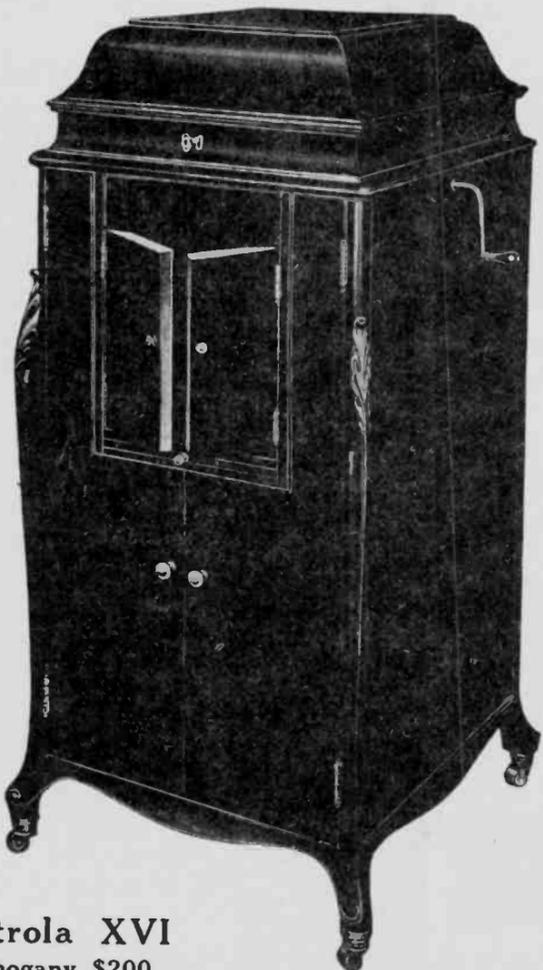
As an example of the beauty, value, originality and distinction of the NEW Crosley line, look at The CROSLY ARBITER shown above. An electric phonograph and radio combination at only \$137.50! A highly sensitive and selective Screen Grid, Neutrodyne, power speaker, A. C. electric receiving set housed in a delightfully designed and executed cabinet—plus— an electric phonograph and pick-up. Never before has such an outstanding value been offered in radio. The beauty of the cabinet is self-evident. The latest type Crosley moving coil dynamic power speaker is used. The automatic volume control maintains a uniform volume all over the dial. The tubes required are: Three Screen Grid type -24, one type -27, two type -45, and one rectifier tube type -80. Dimensions: Only 35" high, 23 1/4" wide, 15" deep. Available with induction type self-starting motor at \$147.50.

Backed with extensive national advertising, this remarkable Crosley line will be the fastest-selling, biggest profit-making line on the market. Get in touch with your Crosley distributor immediately and learn more about this wonderful new line.

THE CROSLY RADIO CORPORATION  
POWEL CROSLY, JR., President Home of "the Nation's Station"—WLW  
CINCINNATI, OHIO

Also manufacturers of CROSLY Battery Radio Receivers: the CROSLY ROAMIO Automobile Radio Receiving Set, and the famous AMRAD RADIO

FOR CONTINUED DELIVERY SUBSCRIBE NOW TO THE ANTIQUE RADIO AND PHONOGRAPH NEWS



### Victrola XVI

Mahogany, \$200  
Quartered oak, \$200  
Circassian walnut, \$250

## Classified Ads



WANTED: Old electric incandescent lightbulbs with tip on top. Standard and unusual bases. Unusual sockets. Also literature on early electric lighting. Send sketch, description and price. Michael Mosny, 66 The Terrace, Katonah, New York 10536

KEN WOOD, RECORD AND PHONOGRAPH COLLECTOR BUYS; sells and trades. 1731 E. Austin, Nacogdoches, Texas 75961

SEND 10¢ AND LONG STAMPED SELF-ADDRESSED ENVELOPE FOR A COPY OF ANTIQUE RADIO TOPICS James Fred, R. 1, Cutler, Ind. 46920

STROMBERG CARLSON model 72, C. K. Wesley, The Monroe Evening News, Monroe, Michigan 48161

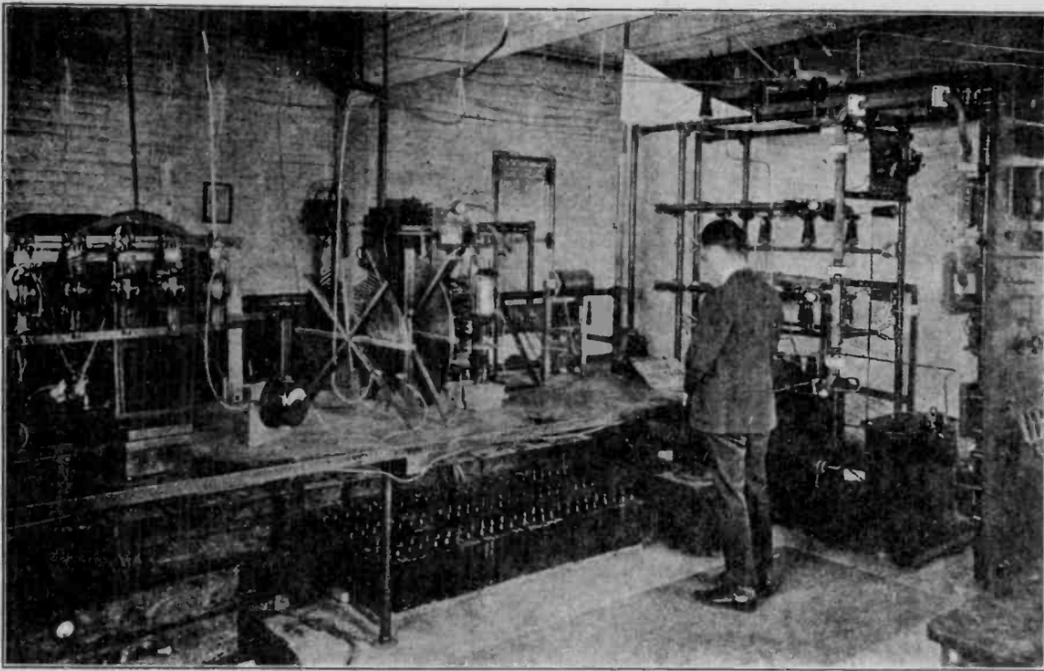
WANTED, audio transformer and tube socket for Crosley 52, Al Schwarz, 7232 Keystone, Lincolnwood, Illinois 60646

Wanted, Kennedy type 521 amp. Parts for Kennedy 220 receiver and 525 amp...1 binding post knob, 1 dial for amplifier rheostat, 1 rheostat for receiver, 2 rheostats for amplifier, 1 knob for receiver rheostat. Harry Williams, 1303 College hill St., Pleasant Hill, Missouri 64080

WANTED, audio transformer for RCA Radiola 111, Edward P. Remski, 8-Caffrey Ave. Bethpage, N.Y. 11714

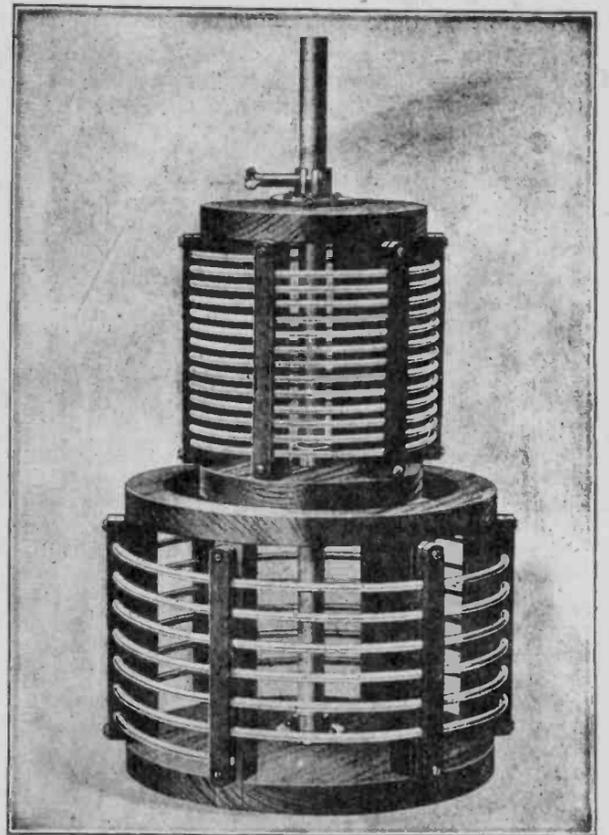
WANTED: radio and phonograph collections, Wallace McPeak, Route 1 box 86, Lindale, Texas 75771

Wanted, interstage transformer and tube socket for Crosley 51, R. A. Misak, 5524 N. Major Ave. Chicago, Ill. 60630



Underwood & Underwood, N. Y.  
A POWERFUL RADIO BROADCASTING STATION

An interior view of the new wireless broadcasting plant of The General Electric Company at Schenectady, N. Y., showing the apparatus which amplifies the voice or music several thousands of times, then huris it out into space at the rate of 186,000 miles per second. Recently its tests were heard 1,450 miles away, in Santa Clara, Cuba. "Don't stop your music, we're dancing to it down here," read a cablegram received from a hotel in Santa Clara.



Double helix oscillation transformer; coils separated axially.

14-inch Bell Polished Pyralin

**Burns**  
A Speaker of Distinctive Lines

All the volume you want with no sacrifice of clearness or naturalness. The full true tones of voice or music are reproduced. Equal to hearing the original. Speaker Unit only supplied for use on phonographs—fits any make.

No. 205B—Polished black flare.....\$22.50  
No. 205D—Shell pyralin flare..... 25.00  
No. 100—Unit for phonograph use..... 10.00

Makers of telephones for 30 years.

Manufactured by  
**American Electric Company**  
State and 64th Streets  
CHICAGO

Aluminum sound column

**Learn the Code at Home with the Omnigraph**

"Just Listen—The Omnigraph will do the teaching"

THE OMNIGRAPH Automatic Transmitter will teach you both the Wireless and Morse Code—right in your own home—quickly, easily and inexpensively. Connected with Buzzer, Buzzer and Phone or Sounder, it will send you unlimited messages, at any speed from 5 to 50 words a minute. THE OMNIGRAPH is not an experiment. For more than 15 years it has been sold all over the world with a money back guarantee. The OMNIGRAPH is used by several Depts. of the U. S. Govt.—in fact the Dept. of Commerce uses THE OMNIGRAPH to test all applicants applying for a radio license. THE OMNIGRAPH has been successfully adopted by the leading Universities, Colleges and Radio Schools.

Send for FREE Catalog describing three models.  
DO IT TODAY.  
THE OMNIGRAPH MFG. CO.  
16B Hudson St. New York City

If you own a Radio Phone set and don't know the Code—you are missing most of the fun

GENERAL RADIO AUDIBILITY METER 166  
\$12.00  
Every collection needs one! ~~\$25.00~~

RADIOLA SUPERHETRODYNE  
(semi-portable)

Cabinet good. Controls and components excellent.

WITH TUBES ~~\$75.00~~ NOW! \$70.00

DEFOREST HONEYCOMB COIL SET

Good working and appearance condition but one knob is missing. ~~\$25.00~~ \$18.00

RADIOLA RA with DA AMP.

Good condition ~~\$85.00~~ NOW! \$52.00

ATWATER KENT 20 COMPACT

Good condition with rubbed down cabinet.

WITH TUBES ~~\$40.00~~ NOW! \$28.00

GROSLEY V1

Next to perfect. Original warranty card included.

~~\$85.00~~ \$78.00

BREADBOARD TRANSMITTER  
(not wired)

With R.C.A. oscillation transformer ul-1008, G.E. rheostat, R.C.A. choke, R.C.A. transformer, R.C.A. chopper wheel, Two ut 541 tube bases, and R.C.A. transmitting condenser uc1831 ~~\$85.00~~ \$75.00

CREBE SYNCHROPHASE

Beautiful condition ~~\$65.00~~ \$48.00

JIM CRANSHAW  
9820 SILVER MEADOW DR.  
DALLAS, TEXAS 75217

214 286-1673

Unless indicated tubes not included in price of sets, but are available from us. Sets shipped by Express, Bus or Parcel service with del. charges collect. Provide adequate postage for small items via US Mail. Please provide stamped and self-addressed envelope in event of correspondence or for return of your check if item is previously sold. \$5.00 Min. Please.

SEND \$3.00 FOR AN 8x10 PHOTOGRAPH OF ANY ITEM ON THESE PAGES FOR SALE

KENNEDY V1

A very rare early broadcast set with tubes that project out of a brass trimmed sloping front.

~~\$175.00~~ \$160.00