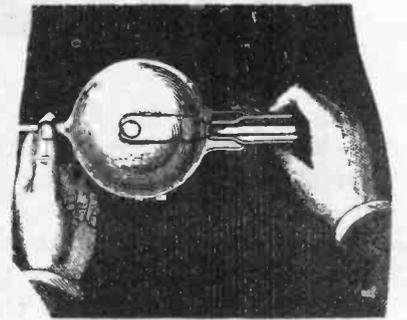


THE NEWSPAPER FOR
THE HOBBYIST OF VINTAGE
ELECTRONICS AND SOUND

THE HORN SPEAKER

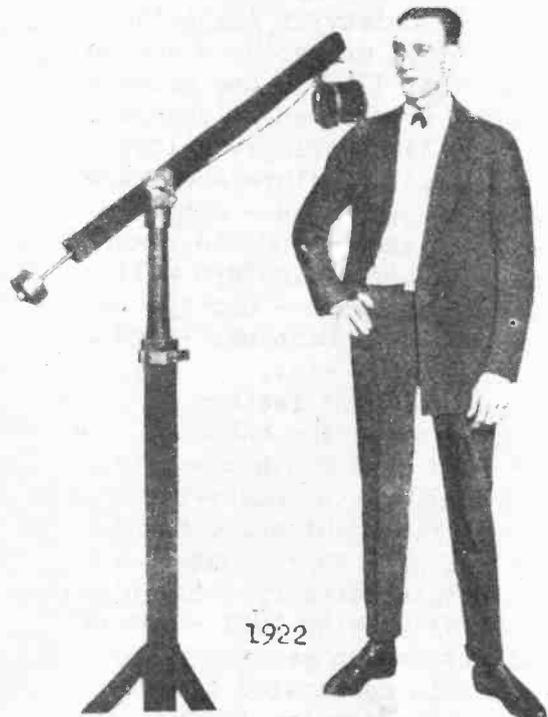


Thomas Edison's
incandescent lamp

1879-1979

on the air

I never thought much of Benjamin Franklin and his kite-and-key episode, but when I think what he did for mankind by discovering something for little boys and grown men to



1922

—AND ABANDONED ME

To the beyondness of the behindness of the nothingness capture and train, even if they don't know what it is, I genuflect; and when I think of what Westinghouse and Station KDKA have done and are doing for this country, I orientate. It's your old antenna to your Uncle Dudley, that wireless is *the* invention of the age.

ADER'S MAGNIFYING TELEPHONE.

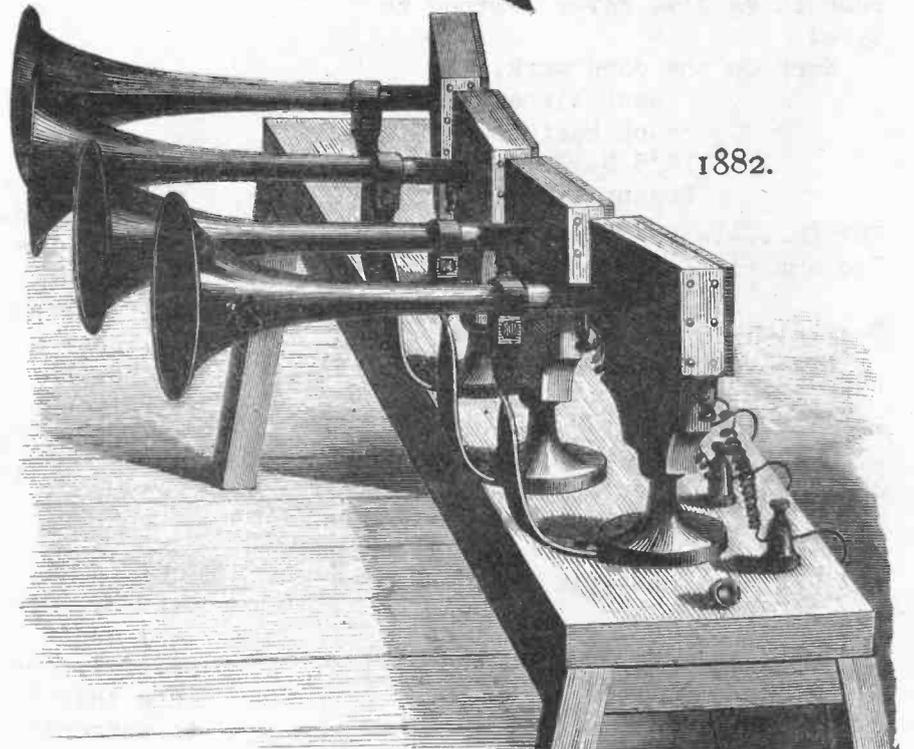
M. Ader showed, at the Electrical Exhibition in Paris, an instrument that possesses the power to magnify transmitted sounds. If a song is hummed in front of the microphones attached to the instrument, the song will be reproduced as a full quartet.

This instrument is formed of four trumpets whose mouthpieces are attached to a vibratory diaphragm (see illustration), but its interior arrangement has been kept secret by the inventor, as it is the only known instrument that is able to increase sounds transmitted through the air.

It is rightly named a microphone, as it does for the ear what the microscope does for the eye.

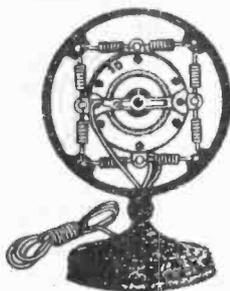
At present it is only able to reproduce musical sounds, but M. Ader hopes soon to magnify and reproduce articulate speech of the human voice, so that a person whose hearing is defective can hear without placing the instrument to his ear. He may possibly do this, for all telephones commenced by transmitting musical sounds only.

If M. Ader succeeds, instead of the present style of telephone, there may be telephonic offices and rooms where one can sit and talk comfortably to any distance without moving from his chair.—*La Lumière Electrique.*



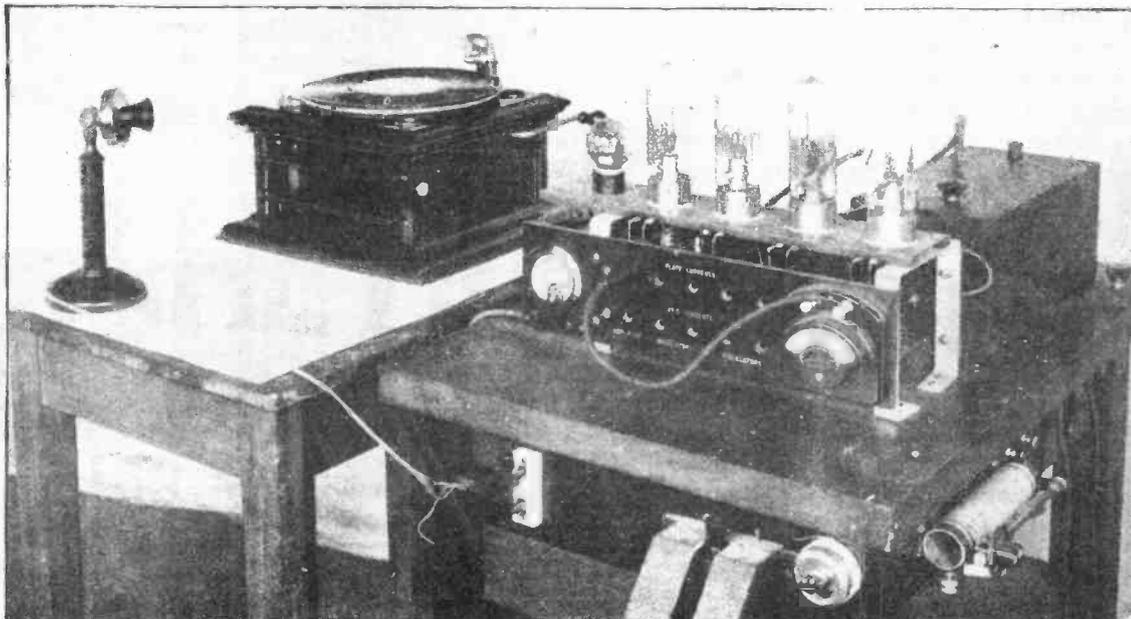
1882.

ADER'S MAGNIFYING TELEPHONE.



MICROPHONES

RADIO BROADCAST



RADIO BROADCASTING TRANSMITTERS

1922



EDGAR WHITE BURRILL
Broadcasting one of his literary talks

1922

letters

Dear Jim:

Enclosed is an \$11.00 money order for 2 years renewal and \$1.00 for an ad.

I enjoy your publication very much and am happy to see an increasing interest in radios of the 30's especially cathedral sets. Any more articles you can come up with will be appreciated.

Also following on another sheet is an account of the Feb. 21th meeting of the IHRS. If you are interested in printing it. I hope you can read it as I've never learned to type!

Keep up the good work.

Best Wishes,
Frank Heathcote
1235 N. 3rd. St.
Logansport IN 46947

EDITOR...Always interested in the Indiana Historical Radio Society.

Dear Jim:

Received my complimentary copy of "The Horn Speaker" Sept. issue and like it.

I am 62 years young and got into collecting radios a year ago. So far I have over 100 of them. Many are rare finds. I have all three of the speakers and sets shown in Sept. issue.

Have some 1928-9 Atwater Kents for sale or trade. Plus many more that I have two of a kind.

I would like to hear from collectors in Wisconsin---or nearby states.

I am in need of tubes number 59 and 82. I have over 2000 old tubes, but it seems there are always some that I don't have! Will trade or sell tubes that I have an excess of.

Respectfully
George Friedrich
Route 1, Box 85
Custer WI 54423

Dear Jim:

It is with great sadness that we "pull the plug" on Vintage Radio. We will sell books until they're all gone, and then that's it.

Now is the time for our Horn Speaker friends to buy spare copies, or to get those hard-

cover copies for the library shelf.

If we can't get someone to take over VR, our next printing will probably be when I retire in 1991, twelve years from now,

Very Best regards,
Morgan McMahon
P.O. Box 2045
Palos Verdes Pnsla CA 90274

Jim:

I have lost contact with Earl Hearn in Tacoma, Washington. (He recommended "The Horn Speaker" to me years ago) would you have his address. He collects Scotts also.

I want to see if he is interested in our radio club.

Art B. Corbus
5704 - 11th Ave. N.W.
Seattle WA 98107

Dear Sir:

Enclosed find check for 2 years subscription.

I had the first radio in our town in the early 20s and at that time I built and sold them. Was in retail appliance & TV until 12 years ago and now do free lance TV repairing at 73 years old.

Fred W. Feicht
1991 Yucca Place
Palm Springs CA 92262

Dear Mr. Cranshaw:

I don't know if this is a sample or if I recently subscribed. I do know that it has been my intention to subscribe for a very long time. If it was a sample, thanks! If it wasn't a sample, thanks! Because it reminded me to subscribe (if I didn't already....gee, its terrible to get old and forgetful...but when one considers the alternative to growing old, it ain't so bad after all!).

Enclosed is my check for \$5.50. Please enter my paid subscription to start with the March issue.

I started in early 1929 and have been in about every phase of 'electronics', working as engineer for many radio and TV stations (including water-cooled rigs), the military, and a number of commercial electronics outfits. Held commercial tickets and ham since I was a kid. Used to bootleg on BC band, and others, before I

ever heard of FCC!

Had a number of very old receivers in storage at the old homeplace but vandals broke in and mucked up about everything including a few of the first TV sets our part of the country ever saw. Roaches, rats, and the elements got with most of my old books, magazines, etc., after my folks died the house was left abandoned.

Oh, well, you're not interested in this stuff.

I look forward to receiving your fine publication each month.

73

Ed Howell
P.O. Box 73
Folly Beach S.C. 29439

Dear Sir:

I was most interested to learn of your publication "The Horn Speaker" via the pages of the journal of the Phonograph Society of Australia.

My interest was aroused due to the fact that I am in the process of setting up a general type public museum in Alice Springs. Although the museum will feature Aboriginal Artifacts - Gemstones - Mining - Blacksmiths shop - and old domestic items - its basic displays will be Radio - Gramophones - Dictaphones - Mechanical Music Machines - and Optical Projectors etc..

The predominant feature will be the early radios (my babies). The idea behind this exhibit - to show the progress of the Australian radio as an entertainment and communication medium. I have approximately 150 units in this category - the oldest authentically dated 1921 - not all are of Australian manufacture.

Australia celebrated its 50 years of broadcasting in 1973 - admittedly we were a little behind the "states" in this field. I have included a list of historic events for your information.

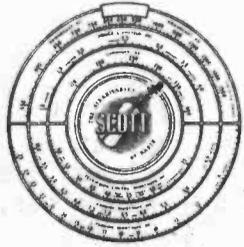
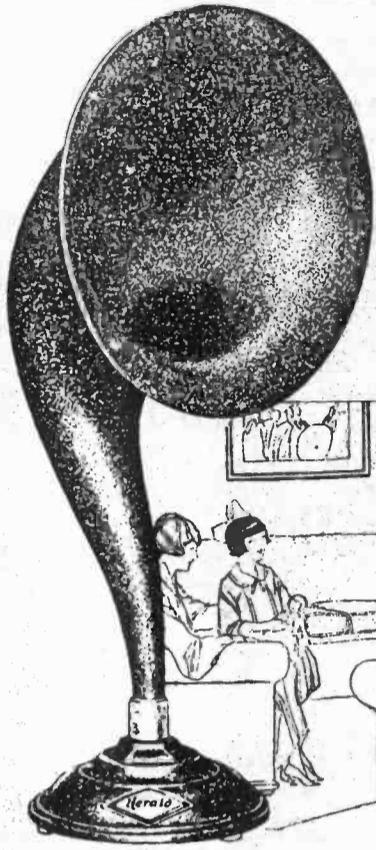
In the hope that I will learn a little of the establishment side of early American radio, I would appreciate you putting me on your mailing list. I include my bankers cheque for same.

Yours faithfully,
L. T. Davenport
P.O. Box 462
Alice Springs NT 5750
Australia

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THE HORN SPEAKER
P.O. BOX 53012
DALLAS TX 75253



PUETT ELECTRONICS

PUBLISHERS OF

P.O. BOX 28572 DALLAS TEXAS 75228

ANTIQUE RADIO TOPICS & THE CLASSIC RADIO NEWSLETTER



OLD TIME RADIO SHOWS ON CASSETTES

CASSETTE PRICES CUT 25% -- NOW ONLY \$2.25 EACH POSTPAID

PURCHASE TEN CASSETTES AND GET ONE FREE

MAKE ALL CHECKS AND MONEY ORDERS PAYABLE TO PUETT ELECTRONICS. ALL PAYMENTS MUST BE IN U.S. FUNDS AND NEGOTIABLE WITHOUT PAYMENT OF A BANK COLLECTION FEE. MONEY ORDERS ISSUED BY POST OFFICES IN CERTAIN COUNTRIES, CANADA FOR EXAMPLE, ARE ACCEPTABLE IF THEY CAN BE CASHED IN A U.S. POST OFFICE.

ALL SHIPMENTS ARE POSTPAID AND INSURED. TEXAS RESIDENTS ADD 5% STATE SALES TAX.

WE HAVE HUNDREDS OF OTHER OLD TIME RADIO PROGRAMS - SEND TWO 15¢ STAMPS FOR OUR LIST.

CASSETTES ARE EITHER C-90 OR C-60. DEFECTIVE CASSETTES CAN BE RETURNED WITHIN TEN DAYS FOR REPLACEMENT. WE TRY TO PLEASE OUR CUSTOMERS IN EVERY WAY. THESE RECORDINGS ARE FOR HOME USE ONLY.

NOW! NIGHTMARES

FOR SHEER ENJOYMENT



THRILLING STORIES



RADIO COMEDY

AMOS & ANDY

- C253 - The Raffle Ticket & The Mountainside Cabin
- C254 - Kingfish Rents a Cottage & The Rehearsal Session
- C255 - Kingfish, Marriage Broker & Kingfish's Rest Home
- C256 - Lost On A Hillside & The Tin Box
- C257 - Search for Madam Queen & Andy Buys a Race Horse
- C258 - Kingfish's Job In Guam & Sapphire Leaves Kingfish
- C259 - Millionaire Saved & The Husband Hunting Girl
- C260 - Anniversary Gift & The Rare Nickel
- C261 - The Beach Vacation & Delivering A TV Set
- C217 - Christmas Special & The Adventures Of Mazie
- C215 - 10,000 Broadcast (1952) & Can You Top This?

MISCELLANEOUS COMEDY

- C219 - The Jimmy Durante Show & The Stan Freeberg Show
- C212 - Fanny Brice/Baby Snooks & The Jack Benny Show
- C055 - The Fred Allen Show & The Jack Benny Show
- C220 - The Henry Morgan Show & The Red Skelton Show
- C054 - Duffy's Tavern & Boston Blackie
- C214 - Abbott & Costello & Corless Archer
- Fibber McGee & Molly
- C020 - Cat Under the Porch & Fibber's Magic Act

MYSTERY & DETECTIVE SHOWS

SUSPENSE

- C092 - House In Cypress Canyon & Fugue In C Minor
- C185 - Three Skeleton Key & The Buried Woman
- C088 - The Invisible Ape & Case History E. Lowndes
- C012 - The Customers Like Murder & Death Has A Shadow
- C042 - The Enormus Radio & Inner Sanctum - Hang Island
- C085 - Sorry Wrong Number & Mission Completed
- C103 - The Black Door & The Crime Club

INNER SANCTUM

- C082 - Girl & The Gallows & Juda's Clock
- C086 - Dead Man's Deal & Musical Score
- C100 - Song of The Slasher & The Wailing Wall
- C196 - The Devil's Fortune & Murder Mansion

JOHNNY DOLLAR

- C190 - The Wayward Gun Matter & The Latin Lovely Matter

THE SHADOW

- C177 - Death Is An Artist & The Phantom Voyage
- C176 - Lemont's Trick on Margo & The Werewolf
- C170 - Nursery Rhyme Murders & The Creeper
- C167 - The Spider Boy & Silky Reed
- C041 - Mark of the Black Widow & The Ghost Walks Again

GANGBUSTERS

- C150 - Blackie Thompson & The High School Hotshots
- C149 - Supersonic Safecrackers & The Carnival Caper
- C142 - Chicago Tunnel Gang & The Kidnaped Paymaster
- C139 - Tennessee Trigger Man & The Collector
- C145 - Brothers In Banditry & The Cowboy Killers

THE GREEN HORNET

- C132 - The Boathouse Mystery & The Letter
- C127 - Polarized Glasses & What Price Glamor?

THE WHISTLER

- C073 - Death In The Air & Mirage
- C193 - Double Exposure & The Tangled Web

SAM SPADE, PRIVATE DETECTIVE

- C038 - The Dry Martini Caper & The Bow Window Caper
- C208 & FRANKENSTEIN - (1932) excellent quality - on two cassettes!

ESCAPE

- C199 - The Fourth Man & Violent Night

MR. DISTRICT ATTORNEY

- C013 - Spring Fever & The Deadly Snowflake

DRAGNET

- C274 - Obscene Photographs & The Narcotics Addict

MUSICAL - THE ZIGFIELD FOLLIES

- C285 - The first show with Fanny Brice & James Melton

I LOVE A MYSTERY

- C268 - The Thing That Cries
- C269 & In The Dark
- C270 three cassettes
- C109 - Bury Your Dead In
- C110 & Arizona (Werewolf etc.)
- C141 three cassettes
- C112 - Highlights from "Temple of The Vampiers"

THE LONE RANGER

- C166 - Origion of Lone Ranger & Legend of Dan Reed
- C035 - Alien Smugglers & The Indian Girl

SCIENCE FICTION

- C064 - WAR OF THE WORLDS (1938) alarmed the nation!

X MINUS ONE

- C083 - Martian Sam & How To
- C087 - The Junkyard & The Seventh Order

DIMENSION X

- C102 - Child's Play & The Veldt
- C183 - SF-68 Jenny With Wings & The Universe
- C106 - BUCK ROGERS origion and
- C107 & first 12 episodes
- C108 three cassettes

C276 - SUPERMAN comes to earth

- C251 - OLD TIME RADIO SPECIAL: KDKA - first commercial broadcast, A. Hitler declares war on Poland, Jap attack on Pearl Harbor, F.D.R. declares war, 1937 Hindenburg disaster, exerpts from many, many famous old time radio shows!

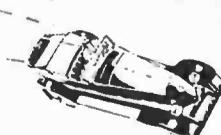
RADIO COLLECTORS DREAM:

- C078 - ATWATER KENT RADIO COMMERCIAL DEMONSTRATION & many other radio commercials.

FANTASTIC ADVENTURES



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Accuracy at Low Cost



WHAT JOY THEY BRING
GREAT STORIES
of thrilling ADVENTURE & ROMANCE



Dear Jim Cranshaw,
 Sorry to have taken so long in replying to your letter about the Cat's Whisker but I did however get on to Oresko Books immediately and I understand they are trying to sort something out with you about Two Continents. I am very distressed to hear the trouble you are having but I feel rather impotent about it since there is little I can do from here. I hope your troubles are resolved in the very near future and that your customers think that the wait for my book has been worth it. Thank you for your book selling effort.
 With best wishes,

Sincerely,
 Jonathan Hill
 14 Victoria Court
 Kingsbridge Ave.
 London W3

EDITOR:.... Customers have been waiting for many months...an unfortunate situation. Johnathan Hill is the author of the outstanding book, The Cat's Whisker, which I was doing so well selling last fall. Now, the wholesaler will not release them in the United States. So, it seems necessary to order them directly from England, where the problems was thought to exist as explained by the New York seller.

Dear Sir:

I am inclosing \$5.50 to receive THE HORN SPEAKER subscription, I find THE HORN SPEAKER a very interesting publication. When I receive THE HORN SPEAKER I have to go right ahead and read it completely.

I am mostly interested in battery radios of the 1920s era.

Thanks,
 Frank Pejaski
 4118 S. Seeger St.
 Cass City MI 48726

EDITOR....So many are looking for battery radios of the 1920s.

FIND

This may qualify for your "Find of the Month" column. I had just sold and delivered a 1938 Zenith "Chariside" radio to a local area TV repairman who wanted it for sentimental reasons, when he asked me if I wanted an "old cathedral radio" he had tucked away in his store room. Being a lover and collector of cathedral sets, I naturally said "yes" but expected to get a typical mid-30s dome-top set. To my surprise, it turned out to be an Echophone 6-tube TRF of 1929-30 vintage-- complete with 3-01A, 1-227, 1-71A and 280 type tubes. Other than typical speaker grille cabinet damage, it was in good shape, and besides, it was

free! I excitedly took it home and dug into it, and although all paper labels had long fallen off, I found a chassis decal which read "Made by Gilfillin Bros--Uphonic" (model?).

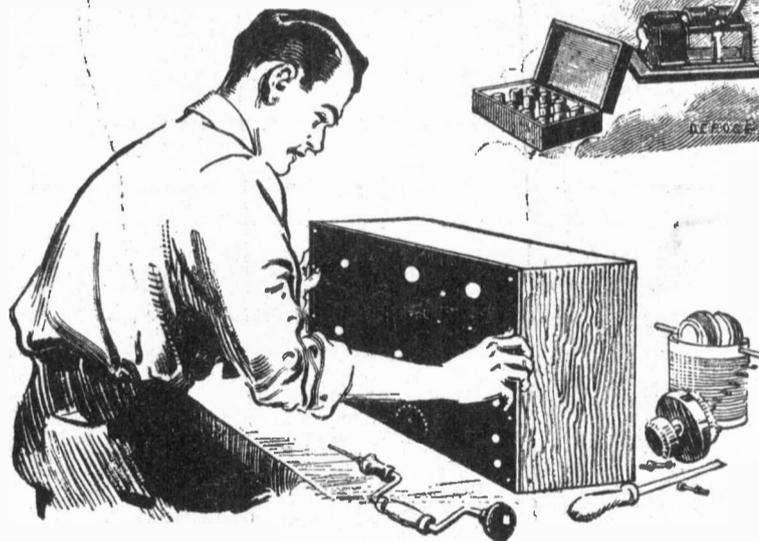
The set is rather unusual in that the fiberboard chassis containing the 3-gang variable condenser, 2 RFTs and 2 AFTs is mounted on the back panel of the cabinet, along with the power transformer and filters plus on-off toggle switch. The two variable resistances and early-style magnetic speaker mount on the front portion of the cabinet. This Echophone appears similar to the S-3

model but has the two controls plus tuning thumbwheel. When plugged in, the tubes light but no audio, and that's as far as I've gotten since I can't locate a schematic or technical info for it. If any of your readers know something about this set (actual date of manufacture, circuit diagram, etc.) I would appreciate hearing from them.

Keep up the excellent work-- I really enjoy the "Horn Speaker" articles!

Sincerely,
 Harry E. Burke
 1201 Happy Hollow
 Plattsburgh NB

CLINIC



To Produce a Black Stain on Polished Brass

BELOW is described a dip for black on polished brass parts that is recommended by an authority:

Liquid ammonia—3 gal. Saturate with carbonate of copper to excess. That is, add the carbonate of copper as long as it dissolves and then add more so that there is a marked excess. Then add water—1 gal.

Clean articles in potash, rinse, dip in cyanide, rinse and immerse in dip, having the dip stirred up well. When black, remove, rinse, and dry. When the dip is not in use, keep it well covered. When it becomes weak, add more carbonate of copper and ammonia.

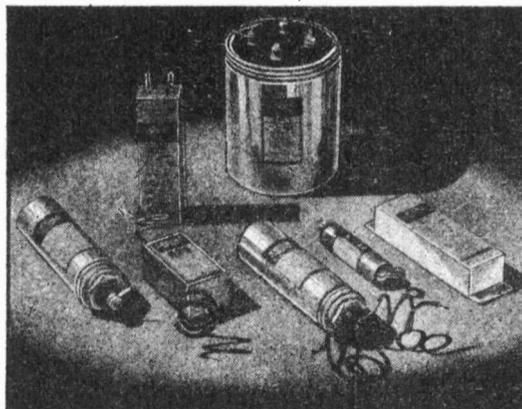
Popular Science Monthly

August, 1921

THE ABC OF ELECTROLYTIC CONDENSERS

Although the electrolytic condenser is one of the most common components used in radio receivers and allied apparatus, little data concerning its construction and theory of operation are available in print. The discussion which follows gives you the "how" and "why" of the electrolytic condenser.

PAUL McKNIGHT DEELEY



FOR A LONG TIME, it has been known that several metals, such as aluminum, tantalum, niobium, magnesium, zirconium and titanium can be coated with an oxide film by electrochemical means. This can be accomplished by introducing the metal into a suitable electrolyte, for example, aluminum in an aqueous solution of boric acid and sodium borate, and passing a current through it, the metal forming the positive pole or anode. Upon electrolysis of the solution, oxygen is evolved at the positive pole which oxidizes the metal.

EFFECT OF OXIDE FILM

The thin film of oxide (Al_2O_3) formed on an aluminum surface offers a very high resistance to further passage of

current and if the applied voltage is kept constant, the current after a time, will be reduced to a minimum value, called the *leakage current*. A cell of this type with aluminum as the anode and an electrolyte as a negative electrode or cathode is used as a condenser, with the aluminum oxide film separating them, acting as a very thin dielectric.

The electrolytic condenser has a high capacity per unit volume as compared to other types of condensers. The thickness of the oxide film covering the aluminum electrode is very thin (approximately 10^{-5} cm.), and the dielectric constant K of the Al_2O_3 , produced is high (approximately 10). Calculating the capacity C per sq. cm. from the above data we have:

$$C = \frac{K}{4\pi d} = \frac{10}{12.6 \times 10^{-5}} = 8 \times 10^4 \text{ cm.}$$

From this it can be seen that an aluminum electrode, of 100 sq. cm. surface, will produce a capacity of approximately 8 mf.

The electrolytic condenser can only be used with a flow of current in one direction. The aluminum electrode must therefore always be connected to the positive side of the applied voltage, and the electrolyte, (through the medium of the outer aluminum shell) must always be negative. With current flowing through the condenser in this direction, the current intensity is small. If the direction of current flow is reversed, a large current will flow through the

condenser and the condenser as such becomes useless.

From the above it can readily be seen that the system exhibits the characteristics of a rectifier, and, an electrolytic condenser does not then differ in any way from the well known electrolytic rectifier.

CAUSE OF POLARIZATION

The difference in current transmissibility through the system—aluminum anode—aluminum oxide film—electrolyte—in the two directions (thus exhibiting definite "polarity") may be explained as follows:

It has already been mentioned that the oxide film is very thin, being of the order of 10^{-5} cm., so that if a potential difference of 100 V. is applied between the aluminum and the electrolyte, the field strength in the dielectric will be about 10^7 V. per cm. With such high field intensities, a cold electron emission always takes place. That is, the negative electrode emits electrons.

If we consider two plane metal surfaces or electrodes between which the field intensity F is so high that the negative electrode emits electrons, it is then found that the electron current i can be represented by an equation of the following form:

$$i = AF^B e^{-\frac{B}{F}}$$

Where A and B are constants of the materials.

If it is assumed that plate A emits electrons more readily than plate B, then this means that when an alternating voltage is applied the current passes through with greater facility on one half-wave than on the other half, the greater current flowing when the plate is more susceptible to electronic emission constitutes the negative electrode.

To rectify a current, a thin layer of insulation is therefore necessary and must be bounded by two substances capable of emitting electrons to widely different degrees. If the substance which emits electrons the more easily is made the negative electrode, a higher current will flow than when it is positive.

Metals emit electrons easily and semi-conductors and electrolytes emit them with difficulty. The electrons in the electrolyte are in fact not free but are bound to ions, although the powerful electric field obtained can detach the electrons from the ions and transfer them to the insulating layer.

It is thus seen why the electrolytic condenser must always be connected in such a manner that the electrolyte is the negative electrode, for

then only will a small leakage current flow through the condenser.

CAUSE OF "LEAKAGE CURRENT"

It is also apparent that the leakage current will be the lower, the smaller the number of ions present in the electrolyte, in other words the less conductive it is.

It, now, is quite evident why it is impossible to use a second metallic electrode in place of the electrolyte. In such a case the separating layer (aluminum oxide film) would be bounded by two substances which would emit electrons with almost the same facility.

A leakage current is generated because the electrolyte is also able to emit some electrons when a powerful electric field is applied to it, such electrons migrating through the oxide film to the aluminum. This leakage current is determined by the field strength. If in condensers made of the same materials the leakage currents are the same at equal potential differences, it may be concluded that the oxide films are of the same thickness. The field intensity is then equal to:

$$F = \frac{V}{d}$$

F = field strength
V = applied voltage
d = oxide thickness

If an aluminum electrode is oxidized in an electrolyte and a specific potential difference V is applied, the current through the electrolyte will steadily diminish. At a certain small terminal value i , of this current, the oxidation process is considered as having been completed. Now, if a second aluminum electrode of the same dimensions is placed into the same electrolyte and a potential difference V_2 , which is double V_1 , is applied until the leakage current has reached the same final value i , it may then be assumed that in the two condensers the same field strength prevails at the oxide film. Since however, $V_2 = 2V_1$, d_2 must be $2d_1$, and hence also the capacity of the second condenser half as great as that of the first.

Thus with the same area of aluminum anode surface, we can make for example a 10 mf. condenser rated at 500 V., a 20 mf. condenser rated at 250 V., a 50 mf. condenser rated at 100 V., and so on. Thus also, in an electrolytic condenser, the thickness of the dielectric or insulating layer is always automatically matched to the potential difference.

This article has been prepared from data supplied by courtesy of Cornell-Dubilier Corp.



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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 Gernsback's 1931 Service Manual \$40.00 From Semaphore to Satellite \$19.75 Gernsback's 1927 Radio Encyclopedia, \$14.95 deluxe hard-cover
---	--

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

PLEASE PRINT CLEARLY _____ \$ _____

CALIFORNIANS _____ \$ _____

ADD 6% SALES TAX _____ \$ _____

Add \$.50 per book postage & handling _____ \$ _____

Total \$ _____

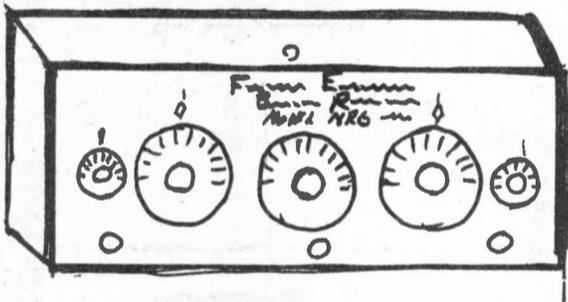
NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

SEND BEFORE IT'S TOO LATE!!

RADIO-CRAFT for SEPTEMBER, 1937

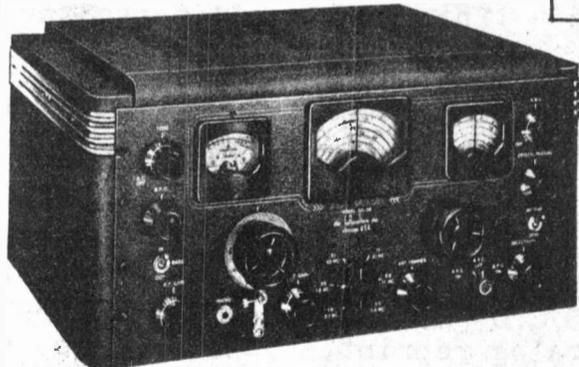


FREED-EISEMANN NR-6
\$125.00

less tubes plus freight
(6 good 01As, \$30.00)

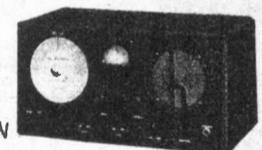
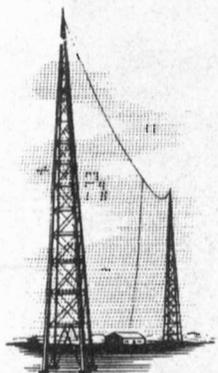
This radio is in excellent shape, including paper labels inside the lid, and on the back. It looks very much like the NR5, page 88 of "VINTAGE RADIO"

This set needs a good home!

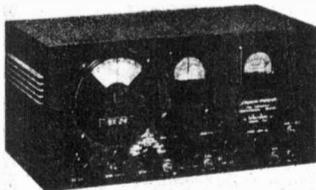


THESE COMMUNICATIONS RECEIVERS (and two vintage radios) are one of a kind, and sold on a "first order gets the item." Any purchase is on a guaranteed money back refund, less any freight. If you want specifics on any radio, I'd suggest that you call and discuss the question. Please allow two to three weeks for shipment.

ATTENTION:
NATIONAL COLLECTORS!!
NC-45, real clean, \$50.00 + frt.



HALLICRAFTERS
SKY CHAMPION
lights-up; needs new labels, clean outside, needs to be cleaned inside...
\$40.00 + FRT.



MODEL SX-24
The Model SX-24 represents the best value in the communications field. 9 tubes—4 bands—Frequency range from 340kc. to 43mc.—Frequency stability throughout a wide range of line-voltage, temperature and humidity variations—DC operation socket—battery or vibrator.

SX-24 DEFIANT

Clean, no idea as to electrical condition.
\$65.00 + freight

the hallicrafters inc.

THE NEW 1941 Hallicrafters communications at its reception capabilities winning high prize

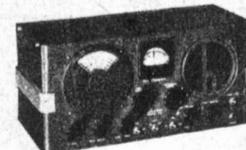
This SX-28 shows its age, but does not appear to have been abused, however, it is sold, as is, plus freight.

\$75.00 + FRT.

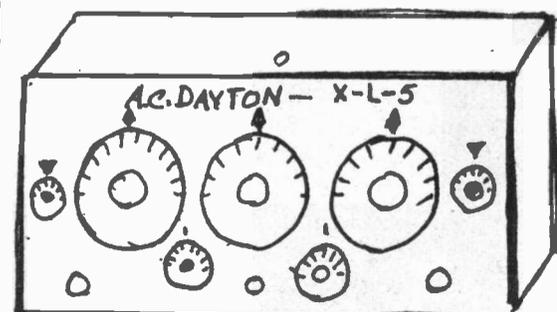
A.C. DAYTON \$125.00
less tubes, plus freight
(5 good 01As, \$20.00)

MODEL X-L-5, p.135, "VR"
(5 tube TRF, 1925)

THIS RADIO IS LIKE NEW, A REAL ASSET TO YOUR COLLECTION



SKY BUDDY
pretty clean, no idea as to electrical condition
\$60.00 + freight



WALTS EMPORIUM

909 N. W. 11th. GRAND PRAIRIE, TEXAS 75050
MAIL ORDER ONLY AFTER 6PM 214-262-7855
PLEASE ALLOW TWO WEEKS FOR DELIVERY

APRIL 1979 LIST

**UNIVERSAL REPLACEMENT
CONDENSERS**

Listed below are a few electrolytic capacitors that you should find useful in repair of early A.C. radio sets. All these capacitors are new and of recent manufacture and are fully guaranteed to be good or money will be refunded. The capacity value of these capacitors is a lot higher than commonly used in the early sets, but using a higher value capacitor is normally acceptable and desirable in most cases. Minimum order for capacitors is \$4.00. Please inclose \$1.00 towards cost of postage, I will pay remainder. (Quantities are limited, so stock up now.)

SCREW NECK TYPE

All these capacitors are supplied with nut and lock washer. They can be insulated from chassis if needed. All mount in 13/16" hole.

#301 68mfd. 450 volts
1 3/8 x 3 1/4"
\$1.25

#302 22/22mfd. 400 volts
1 3/8 x 2 1/4"
\$0.90

#303 27mfd. 400 volts
1 3/8 x 2 1/4"
\$0.85



MALLORY FP TWIST LOCK TYPE

STANDARD "FP" CAPACITORS

Will replace over 1000 combinations. Capacities and voltages higher than specified are often desirable and can be used. Sections of equal voltage can be connected in parallel. Section not required may be left unused.



#304 40/40mfd. 450 volts
1 3/8 x 2 1/2"
\$0.90

#305 20/40/80mfd 450 volts
1 1/2 x 4"
\$1.15

#306 27mfd. 450 volts
1 x 2 1/4"
\$0.50

This is a small capacitor that may be mounted upright if a 1" clamp is used or it may be used under the chassis like a typical axial replacement



MISC ITEMS

- #307 Dubiler type 601 mica condenser, .00025mfd., new.....\$0.45
- #308 Durham grid leak resistors, new, sold mainly for display.....\$0.80
- #309 Wire, 22 gauge D.C.C, new surplus, 6 pound rolls, 2700 ft.....\$33.75
- #310 Atwater-kent catalog reprint, 1923, 8 pages, shows the complete line of breadboard parts and a few of the sets at that early time.\$2.00P.P

RUBBER STAMPS



#A



#B



#C



#D



#E

\$0.75ea.
or 3 for \$1.65

Order from: GARY B. SCHNEIDER, 6848 COMMONWEALTH BLVD., PARMA HGTS, OHIO
44130 TEL. 216-845-4358

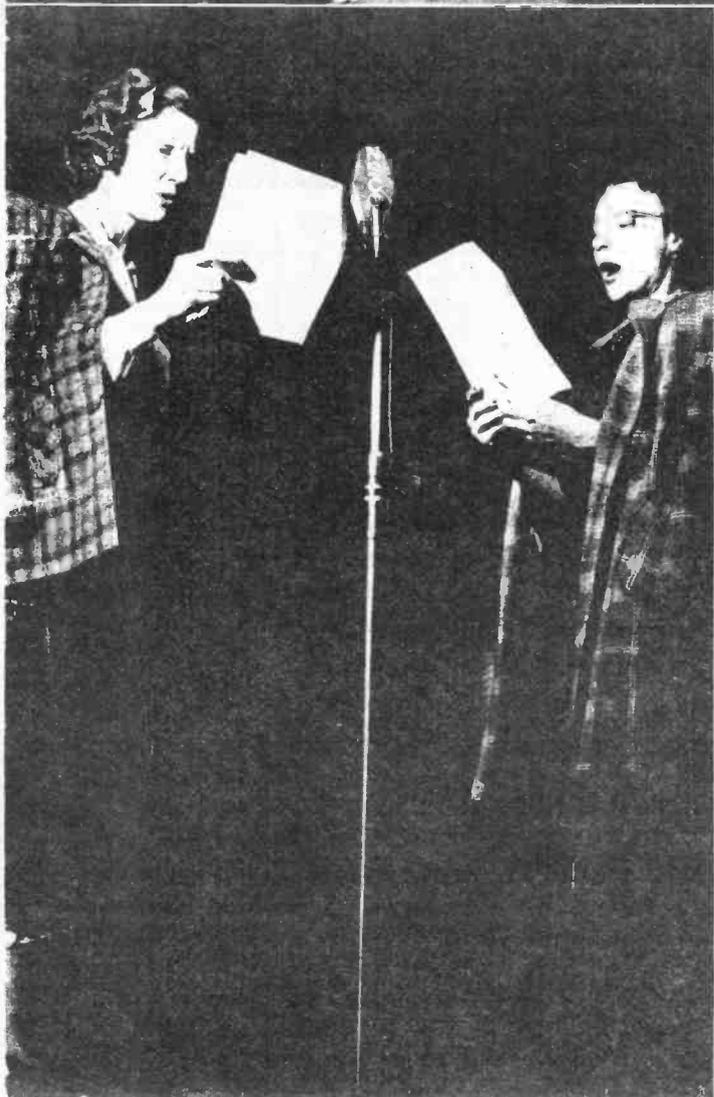
**TURN
BACK
THE
DIAL**

Bob Hope



SCRIPT HUDDLE for the first reading on Sunday night before the preview finds Hope and his gang not quite ready for hard work. Left to right, seated, are Cobina and Brenda, Bob Hope,

writer Al Josefsberg, producer Bill Lawrence, announcer Bill Goodwin, secretary Mickey Lusk. Standing are Jerry Colonna, sound-effects expert Walter Snow and engineer Albert Capstaff



COBINA AND BRENDA (l.) wouldn't miss the chance to give two seamen the rush act. Above, in control-room, producer Bill Lawrence signals, in radio lingo, "Everything's on the nose"



SIX HITS AND A MISS, Bob's crack rhythm singers, go into action. They're backed up by Skinnay Ennis and his orchestra. Informal note: One of the Hits with burning cigar in his hand

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

VINTAGE RADIO 1887-1929



You'll enjoy this fascinating pictorial story of pioneer days in wireless and radio. Relive the days of Marconi, old spark transmitters, and the struggles of early radio broadcasting. It's the radio collector's reference, with over 1,000 pictures on 263 pages.

WHILE THEY LAST!
HARD-COVER \$10.95
HANDBOOK \$8.95

A FLICK OF THE SWITCH 1930-1950

Here's your time trip through the great days of radio broadcasting and the dawn of television. Revisit the Lone Ranger, Philco "cathedral" radios, old "Ham" days and many more. You'll revel in 312 pages of story, old ads and over 1,000 pictures.

WHILE THEY LAST!
HARD-COVER \$10.95, HANDBOOK \$8.95



1927 RADIO ENCYCLOPEDIA



Own this authentic reproduction of Gernsback's classic. Browse through radio's heroes (who's Marconi?) and hardware (what's a coherer?) of the old days. 175 fascinating pages. Our hard-cover version is a serialized limited edition, an ideal gift.

WHILE THEY LAST!
DELUXE HARD-COVER \$14.95

1921-1932 RADIO COLLECTOR'S GUIDE



This book makes you an "instant expert" as you go prospecting for those fine old radios. It eliminates guesswork in determining a set's age and "pedigree." There are 264 pages loaded with over 50,000 facts on 9,000 radio models made by 1,100 manufacturers.

WHILE THEY LAST!
HANDBOOK \$6.95

MOST-OFTEN-NEEDED 1926-1938 DIAGRAMS

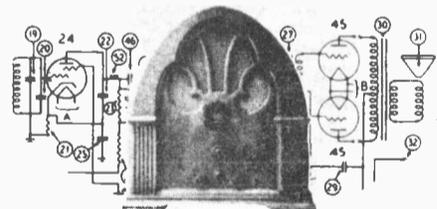
This reprint of Morris Beitman's Supreme Publications book shows circuit diagrams for 600 radio models. Its 240 pages are valuable for historical circuit information, and are great aids in restoring those old sets. Made from Supreme's original artwork, it is clear and readable.

WHILE THEY LAST!
HANDBOOK \$7.00

Also 1941, 1942, 1948 and 1950 Editions \$4.00 each.



CIRCUIT DIAGRAMS



We will research any pre-1951 radio model and send you the circuit diagram and any other available repair information. We'll also tell you the year in which that model was introduced. Your money back if we don't come up with at least a circuit diagram!

We now have Canadian diagrams, too!

ANY RADIO MODEL \$3.50

DISCOVER THE EXCITING RADIO COLLECTOR'S HOBBY!

FROM SEMAPHORE TO SATELLITE

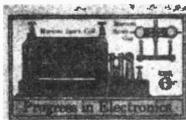


Here is a great, big, beautiful book covering the history of worldwide wired and wireless communications in 343 pages. Printed in Europe in 1965, on the 100th anniversary of the International Telecommunications Union. Richly illustrated, with deeply embossed hard cover. Only 17 copies available in the U.S., but we found 100 copies in Europe.



WHILE THEY LAST!
A REAL SHOWPIECE FOR \$19.75

HALF-PRICE CLEARANCE ON STAMP PRINT SETS!



MAGNIFICENT COLOR PRINTS FROM ORIGINAL ART

These fine "Progress in Electronics" prints are the most striking artwork we've seen in years. Made from the original painting, each print is 8" x 10" with its own coordinated matte background. Prints are on beautiful heavy stock with high-quality inks. It takes nine passes through the printing press to make each of these four masterpieces!

Originally conceived as executive gifts by Hall-Mark Electronics, these fine pictures are made by special arrangement with the U.S. Postal Service. Now a limited edition, by Government decree. Here's the ideal gift for you, your relatives and friends!

now \$3.15

FOUR BEAUTIFUL PRINTS FOR FRAMING, ~~\$7.50~~

VINTAGE RADIO NEWS NOTES Winter-Spring 1979

STOCK UP ON EXTRA BOOKS NOW. WHEN THEY'RE GONE, THEY'RE GONE! There will be no more printings, unless someone else decides to take over publication.

Would you like to become "Vintage Radio"? We are looking for someone to take over this business, because of Morgan's heavy work load at TRW Electronics. Good hobby or full-time income producer!

Very best regards,

The Mc Mahon's
Morgan and Gladie McMahon

DON'T WAIT; ORDER NOW FOR QUICK DELIVERY!

Send check or money order to Vintage Radio, Dep't M, Box 2045, Palos Verdes Pnsln., CA 90274
TEN-DAY GUARANTEE. WE PAY POSTAGE. CALIFORNIANS ADD 6% SALES TAX.

\$ _____	\$ _____
\$ _____	\$ _____
\$ _____	\$ _____
\$ _____	\$ _____

PLEASE PRINT CLEARLY!

Add \$0.50 per book postage & handling
Total \$ _____

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____



FREE! WALLET-SIZED RADIO AGE GUIDE FREE!

PRICES EFFECTIVE UNTIL JULY 1, 1979

MUSEUM NEWS

TEXAS BROADCAST MUSEUM

Billy Bragg has officially announced the incorporation of a public museum to exhibit the history of radio broadcasting. He has been working on this museum project for a year and he is now in the process of recruiting support to make the museum serve the purpose of preserving the golden beginning and past of radio.

Billy would like to hear from all interested collectors and historians. Try calling him: (214) 690-3636.



Billy and Jenny Bragg are opening the many letters, which they have received because of the broadcast museum.

off the record



Steve, a collector from Ohio, enjoying the thrill of parking lot trading with a famous collector, Les Sims.

club news

MID-AMERICA CLUB

After a long bitter winter, the Mid-America Antique Radio & Phono Club is having its spring meetings. April 29th we are having a big radio auction at the Kansas City Museum,

Last year we had a large number of items selling and people came from long distances & everyone is welcome to come.

We now have a regular newsletter mailed to members before each meeting. Our dues are now \$2.00 a year, payable to me.

I picked up an unusual crystal set in the shape of a girl with a Shiners

hat on & the name "Baby Jacqueline" - anyone heard of it??

The Mid-America Antique Radio & Phono Club had a tremendous meeting on March 25. There were about 50 attending the program of the "Crosley Story". Everyone was asked to bring a Crosley item for a contest for best item & a prize was awarded to Vern Petersen for his Crosley lighted sign.

The guest speaker was Ted Crosley, the grandson of Powell Crosley, Jr. & son of Powell Crosley, III, the one who got his father interested in buying him a set in 1921 to start the ball rolling.

Enclosed is a picture of Ted Crosley & his son, Powell Crosley VI. Mr. Crosley brought a radio transcription record of WLW's tribute to Powell Crosley, Jr. on the day he died on March 28, 1961. It was a history of his life & was recorded on cassette.



Ted Crosley lives in Topeka, Kansas and is a real estate salesman & instructor. His father, Powell Crosley, III worked with the Crosley Corporation building cabinets & later built fiberglass boats.

Our next meeting is April 29th 2-5 pm at the K.C. Museum, 3218 Gladstone Blvd., Kansas City, Mo. & will be our big radio auction. Everyone is invited to buy or sell at no extra cost. They may write Bob Lane, 2301 Independence Ave., Kansas City MO 64124 for directions. Please send SASE. We now have a newsletter & dues are two dollars a year.

Bob Lane
2301 Independence Ave.
Kansas City MO 64124



PUGET SOUND CLUB
The Puget Sound Antique Radio Association - we started 2 years ago - meet once a month. Have about 15 members now and gaining more.
Your subscriptions from this area should be gaining too, with almost all of them taking "The Horn Speaker".
Art B. Corbus
5704 - 11th Ave. N.W.
Seattle WA 98107

ANNOUNCING THE ANNUAL JOINT MEETING
OF THE WESTERN REGION ANTIQUE
WIRELESS ASSOCIATION and
THE CALIFORNIA HISTORICAL RADIO
SOCIETY

Date: May 5, 1979
Place: Foothill Electronics Museum
Foothill College
Los Altos, California (40 miles
south of San Francisco, approx.)
Time: 8 a.m. to 5 p.m.
Swapmeet and equipment contest,
8 a.m. to 12 noon.
Luncheon at the College Cafeteria
(optional) 12 noon to 1 p.m.
Afternoon program consisting of pic-
ture and sound show of the 1978
A.W.A.
National Historical Radio Conference
---Presentation of awards---Technical
presentation, etc.
For further information contact:
Bill Wakefield
210 W. Red Oak Drive, Apt. 3
Sunnyvale CA 94086
LO8 732-4355

ROCKY MOUNTAIN ANTIQUE
WIRELESS ASSOCIATION

The RMAWA is located in Denver,
Colorado. We are comprised of a-
bout 50 members, with the majority
being in Denver and the surrounding
area. We do have several out of
state members scattered around the
country, and are pleased to include
them.

Our dues are \$5.00 a year. We
send out a monthly news sheet, and
a quarterly news letter called the
Radio Log, to all members. Our new
permanent address is RMAW, P.O. Box
17311, Denver, Colorado 80217.

We meet monthly, with our main
functions of the year being our
Antique Radio Contest, Swap Meet-
Flea Market and annual club banquet.
The new club officers for 1979
are:

President - Ray Windrix - Colorado
Springs.
Vice President - Richard Jackson -
Denver.
Secretary-Treasurer - Ron and
Sherry Harmon - Denver.
Editor - Bob and Marge Slagle -
Colorado Springs.

Earlier this year we held our Club
Banquet, one of the events in which
we are delighted to have the wives
attend. Not much business is ac-
complished but a lot of good social-
izing is done.

We are already beginning to plan
our club contest which is scheduled
for May.

Ray Windrix, president
RMAWA
P.O. Box 17311
Denver CO 80217

RADIOLA AR-812 MANUAL

Reprints of the Radiola Super-
Heterodyne Second Harmonic (AR-
812) manual are available for sale
through the NFWA.

CLASSIC

CHARLES R. LEUTZ



1925

OPERATING CONTROL TABLE FOR MODEL C-7.

Special Control Table designed by Mr. F. R. Meginness of Albany, N. Y., for a C-7. Facilities are provided to enable any desired voltage combinations for the amplifiers, detector or power amplifier circuits, and relative merits of two receivers can readily be determined. An automatic battery charging system is included in the design. Switching arrangements are available for distributing the output to any external points required. The Loud Speaker combination consists of a Phonetron and a Western Electric 10-A Power Amplifier and Horn.

EXPERIMENTERS INFORMATION SERVICE, INC.

INDIANA HISTORICAL RADIO SOCIETY

The IHRS was blessed with a day of
good weather for its February 24 meet.
The day before a zero visibility fog
and the day after an ice and snow
storm with 50mph winds brought traffic
to a halt.

Thirty members got together at the
Eastgate shopping center in Indianapolis
for a day of swapping sets & stories.
A program was shown on the AWA museum
in Canandaigua, N.Y. amidst interference
from the Mrs. Indiana contest being
held out in the mall.

Among the items for sale and trade
were a Westinghouse RC, Philco, Jr.
cathedral, AK 35's, Radiola III, Crane
mantel set, a 1933 International 2
tube pocket radio, a Morris coil
winder, speakers, and many other sets,
parts, books & tubes.

The next meeting will be April
21st at Auburn, Indiana. A combined
AWA regional and IHRS meeting held
at the Auburn Cord Dusenburg Museum.
There will be contests, auctions and
a banquet.

More information may be obtained
by writing or calling;

Frank Heathcote
1235 N. 3rd. St.
Logansport IN 46947
219 722-3612

NIAGARA FRONTIER WIRELESS ASSOCIATION
MEET FOR 1979

April 21-Indiana Historical Radio
Society, Auburn, Indiana.
May 12---Antique Wireless Assn.
Holcomb, New York
June 22/23- National Meet, Antique
Radio Club of America.
July 14-Antique Wireless Assn.
Breesport, New York
Aug. 25-Niagara Frontier Wireless
Assn. Joint meet with
Antique Radio Club of
America, Old Amherst Colony
Museum, East Amherst, New
York.
Sept. 28/29-National Meet
Antique Wireless Assn.
Canandaigua, New York.

This summer's meet will be a co-
meet with The Antique Radio Club of
America. We are combining forces to
present a meet devoted to "Major
Edwin Armstrong" to be held August
25th in East Amherst, New York. The
talks will, of course, be about Arm-
strong and his work. The contest
will cover any major patents held by
him.

NFWA,
440 69th St., Niagara Falls, New
York 14304.

Rates for THE HORN SPEAKER
 One year.....\$5.50
 Two years.....\$11.00
 Special rates for one year
 (mailed in envelope)
 First class.....\$10.00
 Foreign Air Mail...\$16.00

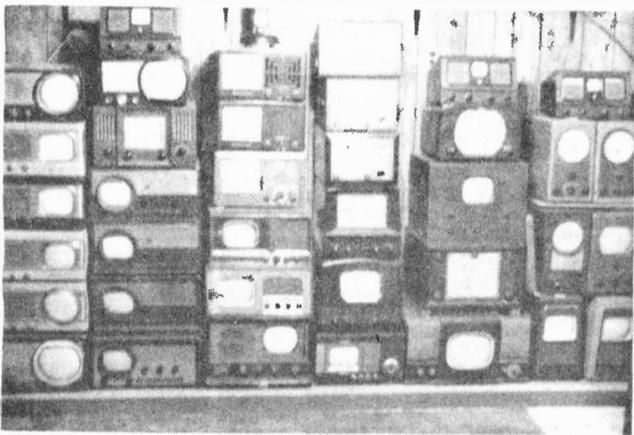


Classified ad rate: 6¢ per word.
 Photo ads: \$2.00 extra.

Deadline: 20th of the preceding month.

**PHOTO ADS
 ONLY
 \$2.00 EXTRA**

FOR SALE OR TRADE



Antique televisions, large selections. Send \$1.00 for list. Chuck, 925 Starlite, Grants Pass OR 97526. Call (503) 476-1078

FOR SALE: AK 21 - \$190.00, Radiola 18 - \$35.00, WE 14A telephone loud-speaking outfit with power supply - offers over \$150.00, AK E-3 speaker - \$10.00, Freed Eismann FE-15 (no lid) - \$40.00, modern "B" eliminator (mint) - \$25.00, Gross S-W coils (in box) - \$15.00, Weeco crystal set - \$25.00, WE 10-D horn - \$85.00, DeForest tuning coils - (offers), RCA AA-1400 - offers, Victor table top Victrola (inside horns mahogany) - \$90.00.

NEED; Clapp Eastham H-R, Crosley 50, 51 Amplion horn, outside horn phonographs. Anthony Caserta, 47 Vista Lane, Levittown NY 11756. Phone 516 731-7175 (nights).

FOR SALE: RCA AR-785 Aircraft receiver uses five WE-215A tubes, Pilot TV mint with original carrying case, Hallicrafters TV, Artophone 3 tube-interesting, Arvin Hopalong Cassidy AC set, Federal K-60 AC set, Edison Home Cylinder phono. Send SASE for more information. Richard Cane, 8391 N.W. 21St. Ft. 33322.

FOR SALE OR TRADE

FOR SALE AND TRADE: AK-9, average condition. AK-20, long with horn. "Star" talking machine, outside horn (up from Mexico) \$375.00. Edison Horn - "Triumph," long, no dents \$175.00. 1932 6 Reel Talkie, "Midnight Morals: 35mm. \$200.00. TRADES: Wurlitzer 780 Colonial Juke for nice 1015 plus? RCA Ribbon Mike (C 1932 "Bomb" type) for condenser with peanut tube or other pro mikes. WANT: "Audak" Horseshoe magnet pickups, Capehart phono with 15" Jensen speaker, case for Seeburg "Eagle" Nickelodeon, 30's recording lathe, 16" shellac movie or radio discs, 1920's Jazz record collection. Wally Wood, 1276-E, So. Coast Hwy., Laguna Beach CA 92651. Phone: (714) 497-1618 W - Sun.

FOR SALE OR TRADE: Radios of the 1930s & 1940s. SASE for list. Hallicrafters, Zenith, Atwater Kent, Herbert Horn, Freshman, etc. Sold on best offer basis or trade for loop antenna for Priess Straight 8, Radiola AR13 chassis, Amplion horn speaker, early RADIO. RADIO BROADCAST or other magazines or books, etc. Larry Dighera, Box 12100, Santa Ana CA 92712.

FOR SALE OR TRADE: Atwater Kent parts 1927 - 1930, technical help, early electrics specialists. Vintage Radio Shop, 1419 - 8th St., Rockford IL 61104. Telephone: 815 964 3221.....

FOR SALE; A.C. Radios of the 1930's sold on best offer basis. Send SASE for list.

WANT: A.K. chassis model 228 for parts. J. Albert Warren, Box 279, Church St., Waverly PA 18471.....

FOR SALE: Various earlier Riders (No. 1 or 2); #1 thru #10 index; tubes (new) -6D6 era, mostly; other parts, etc. SASE. Christian R. Fandt, 111 Harding Ave., Jamestown N.Y. 14701.

FOR SALE: A.C. Radios of the 1930's. Sold on best offer basis. Send SASE for list.

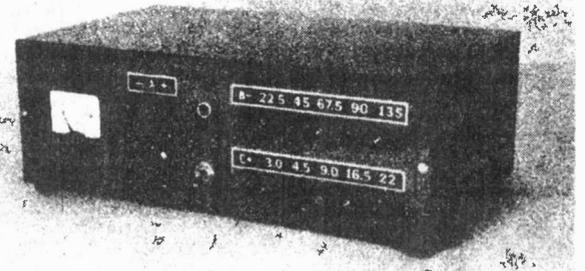
WANT AK chassis model 228, for parts. J. Albert Warren, Box 279, Church St., Waverly PA 18471.

FOR SALE: Radios, speakers, tubes, magazines, test equipment, parts, list 3M79 50¢ plus large SASE with 2-15¢ stamps. Krants, 100 Osage Ave., Somerdale N.J. 08083. . .

FOR SALE: A few duplicate 5 tube TRF battery receivers, list SASE. Also new UX-30 and VT-24/864 tubes \$4. each or six for \$20. plus \$1.50 shipping. WANTED, Box 2478, Gainesville GA 30501.

FOR SALE: 11 radios from 1928 to 1945 including rare "Musette" Cathedral. All for \$400.00 SASE for list. Michael, P.O. Box 2436, San Jose CA 95109..

FOR SALE OR TRADE



FOR SALE: Solid State "A", "B" and "C" power supply for operation of 1920's battery radios. Price \$109.50 postage paid. Send SASE for information to: Gary Schneider, 6848 Commonwealth Blvd., Parma Hgts, OH 44130.

NOTICE: This is to clarify a statement made by my power supply competitor in regards that his supply puts out "less ripple" than does mine. As of November 1978 my supplies have been improved (at no price increase) and his statement no longer is true. My customer satisfaction speaks for itself, I do not have to resort to slandering! Thank you, Gary B. Schneider.

FOR SALE: DeForest D-10 without loop, Federal 110, Federal K-60 AC set, Artophone 3 tube-99's, Western Electric 7A amp., Pilot TV in original case, Aerodyne Special, Hallicrafters T-54 TV, Hallicrafters S-38B, General Radio 558-P Wavemeter early-mint, RCA-100 speaker. Send SASE for information. Richard Cane, 8391 N.W. 21St., Sunrise, Florida 33322. Phone: 305 741-6838.

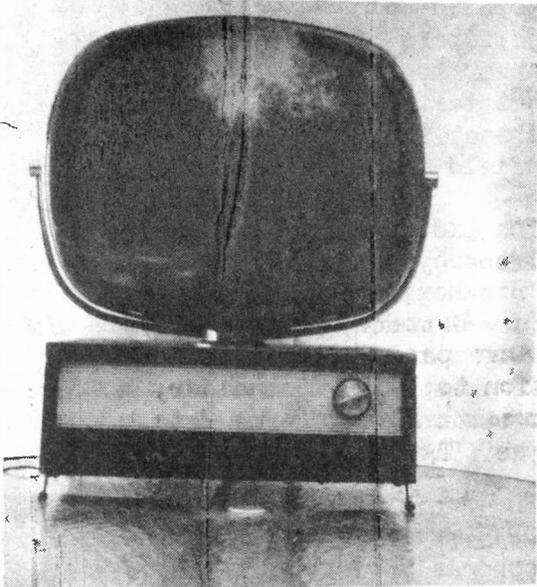
ATWATER KENT replicas, switches \$10. Front plates for T11 tuners and variometers \$8.50, thumb nuts 50¢, single tube socket base \$5.00. Pulleys for brass belts. Zenith 3R-4R pointers, knobs large and small. Any dial, knob, push button for any radio. Write, WD11 or UV99 adaptors \$4.50. K. Parry, 17557 Horace, Granada Hills CA 91344.

FOR TRADE: Unusual detector stand on marble base, heavy nickel plated components. Want RCA DB detector stane, GE FR753 or Heliphone Xtal set. Norm Hertz, 186 Kensington St., Brooklyn N.Y. 11235. (212) 332-4373.

OVER 100 early battery & A.C. radios, phonographs (cyl. & disc) & tubes and speakers. You pickup, no shipping. Dexter, 104 North Ave., Abington MA 02351, Tel: 617 878-3177.

FOR TRADE: Duplicate, unusual, working 1929 Jackson-Bell model 60, 1930 USR & TV "Gloritone" model 27 mantel sets. Want other cathedral & mantel sets. Frank Heathcote, 1235 N. 3rd., Logansport IN 46947.

FOR SALE: Atwater-Kent breadboard parts catalog reprint. (8 pages, 1923). Sent postage paid for \$2.00. G. B. Schneider, 6848 Commonwealth Blvd., Parma Hgts. OH 44130...

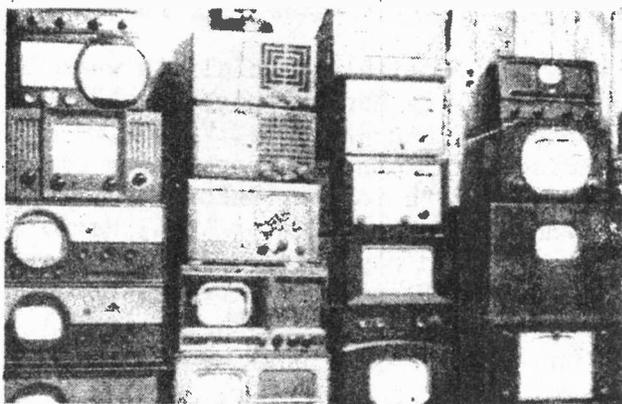
FOR SALE OR TRADE

PHILCO "PREDICTA" television (model GL212?). A unique design that was years ahead of its time. Excellent running condition. \$95. plus shipping. (Also available, a non-functioning but repairable one for \$25.)

Alan Smith, Stonehedge, Lincoln, MA 01773. Ph: 617 259-9351.

SALE: Radios, speakers, test equipment. SASE. Rosenthal, 507 S. Maryland Ave., Wilmington DE 19804.

FOR SALE: Battery cable. In addition to the 10 conductor cable we sell we now have an authentic four conductor cable. Each conductor is cloth insulated and of a different color. Both cable types are housed in a brown cloth knitted sheath. The cost of either cable type is 75¢/ft. plus shipping. Order from Olde Tyme Radio Co., 2445 Lyttonville Rd., Silver Spring MD 20910.



ANTIQUA T.V.'s from 1930s - 1940s. Large quantity. Send \$1.00 for list. Chuck, 925 Starlite, Grants Pass, Oregon 97526. Call 503 476-1078. Also have over twenty radios from 1930s, consider any offer on these by phone.

FOR SALE OR TRADE: Radiola AC 2-stage AMP (metal tag) - \$125., Clapp-Eastham Radak D.D. - \$125., small loose coupler - \$85., Music Master Horn - \$75., U21325 Horn - \$45., other items. Send SASE. N. Hertz, 186 Kensington St., Brooklyn N.Y. 11235. (212) 332-4373.

FOR SALE OR TRADE

Photo ads: \$2.00 extra.

FOR SALE OR TRADE: No. 1, 2 and 3 QST magazines and Edison Home Phonograph - will trade for antique radio gear. Also Fleming Valve. Paul Giganti, 2429 San Carlos Ave., San Carlos CA 94070.

FOR SALE: 1926-48 reproduced schematics. Alignment procedures available free. T.V. schematics also available. Quick quality over night service. Send \$2.00 each to: J. S. Antaki, Antakamatics, 311 Bear Ridge Rd., Pleasantville NY 10570.

FOR SALE: Battery and A/C sets, horns and speakers, few mags and books, some test equipment. SASE for list. A. Patscheck, Box 195, Wimbledon N.D. 58492.

FOR SALE: Paper condensers; .00025, .0005, .001, .002, .003, .004, .02, .04, .06 at 600V, \$1.00 per dozen. Daniel Gaidosz, 342 West River Rd., Orange CT 06477.

FOR SALE: Diamond needles for any phonograph. \$5.00 each postpaid. Send make and model number of phonograph and old needle if possible. Keith Electronics, 209 Bellefonte Ave., Lock Haven PA 17745...

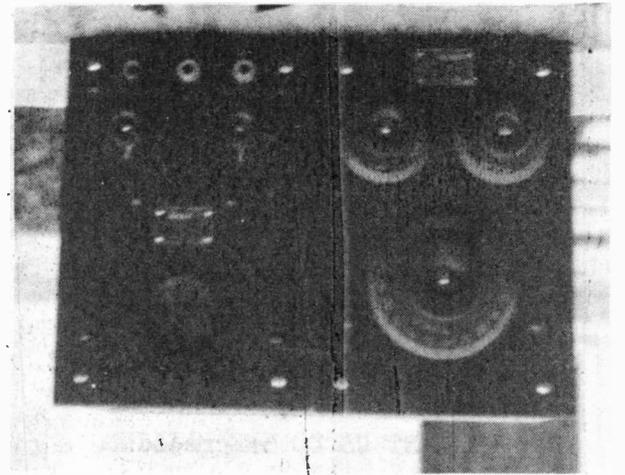
FOR SALE NEW TUBES: BH Rectifier \$8.; 205 (VT2) Bakelite base \$15.; 211C (VTL) \$20.; 215A (VT5) \$12.; 231D (Exact replacement for UX199 or UX120) \$12. Walter Smartt, 124 Mitchell Dr., Lookout Mountain TN 37350. Phone: 615 821-6953 8pm to 11pm.

FOR SALE: Send SASE for list of 1920's tubes, parts, magazines and other items of my usual goodies. Gary Schneider, 6848 Commonwealth Blvd., Parma Hgts., OH 44130.

FOR SALE: Old Radios, speakers, etc. Sale or trade. SASE. Rosenthal, 507 S. Maryland Ave., Wilmington DE 19804.

FOR SALE: All (8 pcs.) potmetal parts for Victor 10-50 - 1051, 1070 & 955. Cast as original, in bronze and aluminum. Have gears and and potmetal part for tone arm on 940 & 860. Material for turntable. SASE for prices. Tony Provenzano, 144 W. Prospect St. Waldwick N.J. 07463. 201 445-7898.

FOR SALE: Old battery and A.C. radios, related items etc., dial lite hoods made for Radiola 17 and 18. SASE + 15¢ stamp for information and lists. WANTED: 3" - 4" Marco vernier dials. Franklin Haas, 207 West 30th, Hutchinson, Kansas 67501.

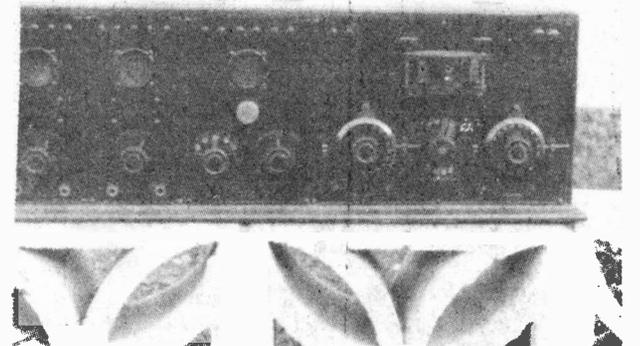
FOR SALE OR TRADE

Westinghouse R.A.D.A. \$275.00 or best offer. Also large quantity of 1920's or 1930's radios for sale or trade. Send \$1.00 for list. Chuck, 925 Starlite, Grants Pass OR 97526. Call (503) 476-1078

FOR SALE: Relatively new electrolytic capacitors for AC radio set restoration. Send SASE for list to: G. B. Schneider, 6848 Commonwealth Blvd., Parma Hgts., Ohio 44130...

FOR SALE: Large SASE for 2-page list of radios, tubes, horn drivers, TV coils, other odds and ends. Supersedes previous list. John Bayusik, 311 Grandview Ave., Hamden, Conn. 06514.

FOR SALE: Antique 4-conductor battery cable, original all cloth insulation .75/ft. 6-conductor Atwater Kent type battery cable \$1.00/ft. Available May 1979. Order now. 175KC IF transformers \$3.50 ea. 175KC Osc coils 3.00 ea. 8uf/450V screw base capacitors \$2.50ea. Power transformers - Pri: 117VAC, Sec: D 350-0-350V @ 70 ma., 2)6.3V @ 1.5A s) 5.0V @ 2.0A \$9.50. All of the above is plus shipping and is new Oldtyme radio merchandise. Order from Olde Tyme Radio Co., 2445 Lyttonville Rd., Silver Spring MD 20910.



DeForest inner-panel; see page 83 "Vintage Radio" \$850.00 or trade for outside horn phonographs. Chuck (503) 476-1078

SELL BATTERY AND ELECTRIC RADIOS for the new collector. Also radio books, magazines and tubes. SASE for radio or publication list. Radio Americans, Box 161, West Hurley N.Y. 12491.

LOOK PRICES!!

DISPLAY ADS CAN BE CHEAPER
THAN MAILING LISTS

PRICES FOR JUNE 1979

LET US DO THE MAILING

DID YOU KNOW THAT FOR ONLY \$20.00
YOU CAN BUY ONE FULL PAGE AD 10-1/8"
X 31-3/8" THE EQUIVALENT OF SENDING
IN POSTAGE ONLY 133 PIECES @ 15¢
EACH (NOT EVEN COUNTING THE COST OF
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1/2 PAGE IS \$10.00 6-5/8" X 10-1/8"
or 5" X 13-3/8" THE EQUIVALENT OF
SENDING ONLY 66 PIECES @ 15¢

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DEADLINE...MAY 20, 1979

ADS MUST BE GOOD ENOUGH FOR OFFSET
REPRODUCTION
EXTRA CHARGES IF AD DOES NOT FIT
PURCHASED SPACE...\$7.00

THE HORN SPEAKER
BOX 53012
Dallas TX 75253
(214) 286-1673

FOR SALE OR TRADE

FOR SALE: Beautiful A. C. Cathedral
radios, with tubes, working, Philco
16-B, Traveler K, \$65. each. Crosley
SHOWBOX with tubes, working, \$40.
Atwater Kents, parts, magazines. Send
SASE to Arthur Harrison, 1021 Falcon
Drive, Columbia, Missouri 65201.

FOR SALE: A few radios (AC and
Battery) and much miscellaneous
including speakers, phones, spark
coils, etc. Send SASE to:
R. Kramer, 103 High St., Ashland
OR 97520.

FOR SALE: ELMAC PMR6A mobile re-
ceiver, power supply and manual,
\$25.00; nice Crosley Dynacone speaker,
\$20.00; Crosley 50 needing dial and
minor cabinet repair, \$30.00; Radio-
dyne WC-17, nice but warped lid,
\$50.00. Add postage. George Hauske,
1922 E. Indiana St., Wheaton IL 60187.

FOR SALE OR TRADE: Battery sets,
parts etc., Large list SASE and
dime. Chet Wisner, 1014 Main St.,
Dalton MA 01226.

WANTED

WHERE CAN I BUY reproducing parts
and needles for Edison cylinder
players? Art Ward, Box 374,
Convay OH 45832.

WANTED TO BUY: Early electrics
and cathedrals (non-working).
Contact: Vintage Radio Shop,
1419- 8th St., Rockford IL
61104. Phone: 815 964 3221.....

WANTED: National SW-3 to complete
Old Tyme Ham Station. Norman A.
Parsons (WB1BVO), 22 Forest St.,
Branford CT 06405...

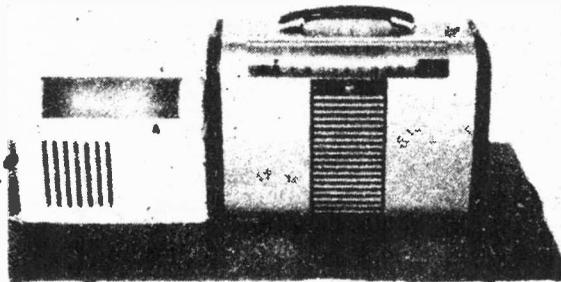
WANTED: Philco model 90 Cathedral
in good restorable condition.
Want power supply cover for AK L0.
Want wiper arm and good transformer
for Radiola III. Gene Densmore,
2125 Cambridge Drive, Tallahassee,
FL 32304. Phone; 904 576-2125....

QST's WANTED 1939 thru 1962 complete
or partial. Must be in good condi-
tion with covers. Also need 1920
thru 1922. Write: WA5YKA, 6621 Duf-
field, Dallas TX 75248...

WANTED: Grebe CRO5 or Synchrophase
tube socket and filament rheostat
with thumbwheel. Will buy any parts
available. Contact S. Wolf, 15
Soldiers Field Place, Boston MA
02135. Phone: (617) 787-2800..

WANTED: Vibrator for 1932 Silver-
tone radio, model 1860. Must have
4 prongs. Speaker for 1929
Stromberg Carlson 641-A.
George Friedrich, Route 1,
Custer, Wis. 54423.

WANTED: RCA 5-inch oscilloscope,
RCA 5BPL4 tube, shield and mount-
ing hardware for tube.
Carleton Sarver, 256 West 88th,
St., New York NY 10024.



WANTED: 1948 Mitchell "Lullaby Bed-
Lamp" radio (Models 1250 or 1251)
and 1948 RCA portable (Model 8BX6)
Any condition. See photo. Write
Mike Hanke, 1036 So. 15th Ave.,
Wausau WI 54401.

WANTED: E.R. Scott. Wood knobs and
plates for 1938 Philharmonic. Dial
glass & rim aprox. 6" round for '37
Masterpiece, also knob plates.
Cabinets for philharmonic and Custom
Deluxe & Masterpiece without phono.
Schematic for 1940-41 AM Philharmonic.
Nine knobs on front, separate treble
and bass controls.
Art B. Corbus, 5704 - 11th. Ave. N.W.,
Seattle WA 98107.

WANTED

WANTED: Crystal, knobs with plastic
pointers intact and tech manual for
Hallicrafters SX 16 Super Skyrider.
Also need tech manual for BC-640B
transmitter.
Ray Chase, 1350 Marlborough Ave.,
Plainfield N.J. 07060.

WANTED: Lid or complete cabinet
for Grebe Synchrophase, lid for A-K
#20 "Big Box," cabinet for A-K
#20 (small model), Metal lid for
AK #40. Battery compartment covers
for Radiola VII. Also want old HI-FI
& professional audio equipment.
VanDyke 516 728-1327.

WANTED: Radio broadcast equipment,
RCA OP-5 WE 22 Field amplifiers,
microphones WE carbon 600-A, 630,
633, Dinemic, 639 Cardioid, 618-A
Dinamic. RCA condenser, 44-BX
ribbon. Remler condensed.
Ralph Maddox, Purgitsville W. VA
26852..

WANTED: Electromedical shock
machines. Contact Richard B.
Jehlik, General Delivery,
Handel, Saskatchewan Canada
SOK 1Y0. Phone 306 658-4230.

WANTED: Novelty & character radios
& commercial crystal sets. Have
BC-9A to swap.
Bob Lane, 2301 Independence Ave.,
Kansas City MO 64124.

WANTED: Philco 90B Cathedral and
Atwater Kent 80 Cathedral. Also
need one small knob for Philco 20B.
Charles Green, 3309-24, Great Bend
KS 67530....

CABINETS WANTED: Marconiphone II,
Majestic; HORN ONLY: Marconi, Burns
Black Pedal.
Richard B. Jehlik, Gen. Del.,
Handel, Sask. Canada SOK 1Y0.

WANTED: Reliable specialists want
to buy early horn phonographs (Zon-
ophone, Queen Busy Bee, Victor,
Edison, Talkophone, Graphophone etc.)
and pre-1924 radios (DeForest, Grebe,
Kennedy, Tuska, Atwater Kent, Radiola
etc). Rapid payment and confidentiality
assured. Please describe and price.
1 item or 100. MUSIQUE, 129 Howell
St., Canandaigua N.Y. 14424.

WANTED: Grebe CR-5 or Synchrophase
tube socket and filament rheostat
with thumbwheel. Will buy any
parts available. Contact S. Wolf,
15 Soldiers Field Place, Boston,
Main 02135. Phone: 617 787-2800..

WANTED: RCA radio power supply
chassis with transformer and 5Y3,
5T4 or 5U4.
Carleton Sarver, 256 West 88th St.,
New York NY 10024.

WANTED: AK Breadboards, radios,
horns, speakers, manuals, literature,
parts & etc.
W. L. Burnett, 4111 - 126 St.,
Edmonton, Alberta Canada T6J 2A6.

WANTED

WANTED: Crosley "Harko Signor" or "Ace" 1 tube 1922 or 23? Like a model "50" but little longer case in good or better condition. Information to: Troy Cantrell, 331 North Stine Road, Bakersfield, California 93309.

CATHEDRALS WANTED: Restorable AC sets. Also the following in working or restorable condition: Edison R.R. radio, Edison radio/phono models C1, C2, C3 and C4 (consoles), Radiols III amp and Models II, 20, 24 and 26, Zenith 3R and 4R, AK Bread Boards (particularly 5 and 9) DeForest D7, 10 and 12. Please send price and description. Also looking for RADIO NEWS, Mar., July and Sept. 1926. Pat O'Hern, Box 55456, Houston, Texas 77055.

WANTED: Western Electric 1-B and 2-C receivers; also Columbia phonograph, floor console model using 1-226, 1-210 and 2-281's with the 14-inch Kolster dynamic speaker, made circa 1927-8. Also home-entertainment radio-phonographs made through 1940's that are equipped with automatic record changers. Please describe and state price in first letter, and include snapshot if possible. Curtiss R. Schafer, George's Hill Road, Newtown, Connecticut 06470.

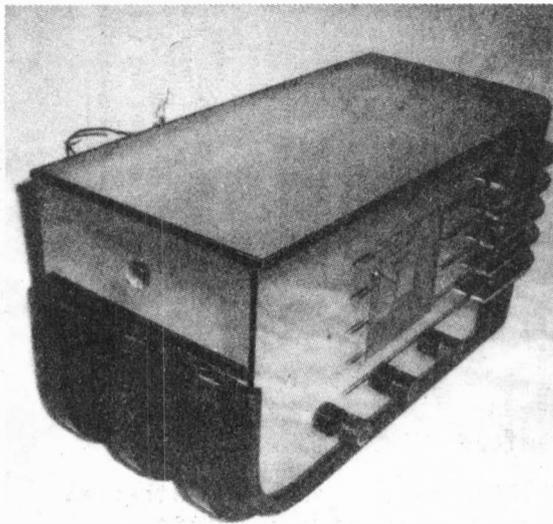
WANTED: RCA Radiola 20, Kennedy, Gilfillan, Pilot Super Wasp, AK, AC Dayton XL 25, Grebe Synchronphase, Cathedral and other pre-1935 table radios; Vintage horn or cone loudspeakers, headphones and tubes. Please state model, condition and price with reply. Dave Pearce 673 Sylvan Ave., North Vancouver, B. C. Canada V7R 2E8.

WANTED: Electric pickup, high impedance for 1926 or 1927 Victor Electrola or Brunswick phonograph. Bob Scott, P.O. Box 1694, Wayne, N.J. 07470. Phone: 201 696-1278.

WANTED: Atwater Kent type 11 tuner. Have other early AKBB parts for trade including rare pair of good AKBB audio transformers #3509. Also early horns, speakers, tubes, parts etc. to trade or will buy. Bill Pugh, 2126 E. Myrtle, Phoenix AZ 85020. Tel: 602 943-6782.

WANTED: Wood table model plug-in radios, especially Cathedrals. Also outside horn phonographs, music boxes, needle tins, record dusters, catalogs, etc. Lloyd, 4618 Adams St., Hollywood FL 33021.

WANTED



WANTED - DEAD OR ALIVE: "The Mirrored Gang." Leaders; The Radio Brothers - Mr. Table and Mr. Floor Model. Other known members of the gang: Doc Clock and Wiley Picture Frame. Description: Reliable witnesses have reported this gang operating with many disguises. Their known colors are blue, green and peach. They have appeared in various shapes: round, rectangular and kidney. They have been known to carry chrome and wood accessories. REWARD. Contact Barbara, Box 1252, Main Office, Dayton, Ohio 45401. (513) 253-5073 eves.

WANTED: Radiola 24 cabinet lid or parts set. Grebe Synch 7: Has anybody replicated the pot metal end pieces for the SLF tuning condensers? Need WD11 duds (brakelite base). Need original owners manuals for any make. Jerry Newton, Rt. 1, Box 262, Woodland CA 95695.

WANTED: Magazines Short Wave Craft from No. 1, then Radio and Television. Complete years. Pre W.W. II radio catalogs. Quote prices. F3WL, 25 Avenue Nicolas Deux, 78600, MAISONS-LAFFITTE, France.

WANTED: Old electro-medical (quack) machines like induction-coil shock devices, ozone generators, electric belts, violet ray. Wanted also spark-gap diathermy and old X-ray. O. Lindan, 1404 Dorsh Road, Cleveland OH 44121. (216) 382-7113 evenings.

WANTED: Some traditional style two-conductor speaker cords with phone tips one end. TC-610 adapter for-B & K model 550 tube tester and/or schematic. David W. Brower, 236 Welsh St., Camden S.C. 29020.

WANTED: 1933 Emerson Mickey Mouse radio. Write or call collect. Les Sims, 5551 W. Lover's Lane, Dallas TX 75209. Ph: 214 352-9757.

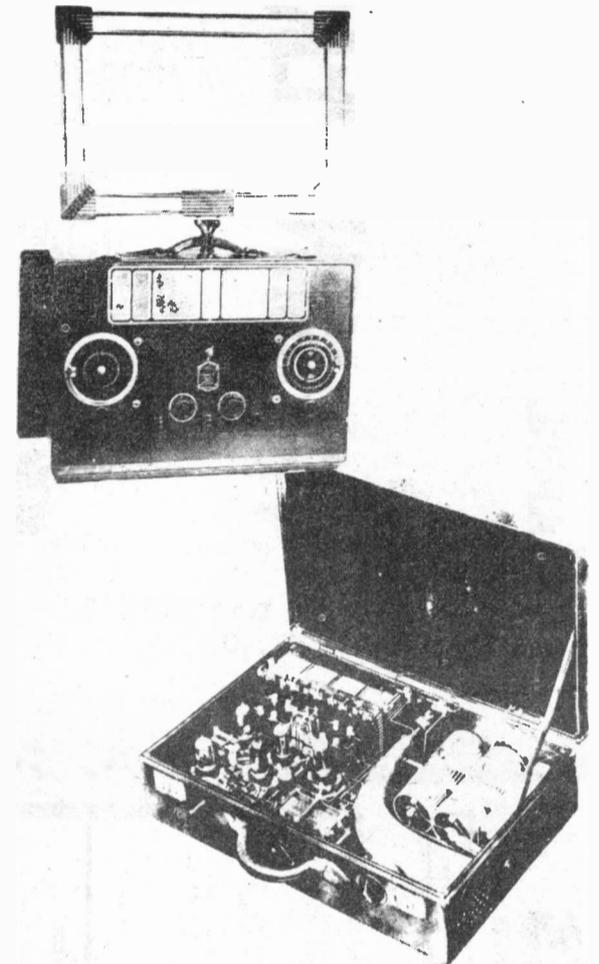
WANTED: Always buying car radios, parts and literature of the 30s, 40s and 50s. Please price and describe. Especially wanted, Ford 1930s models. Cash paid. Marvin Roth, 14500 La-Belle, Oak Park MI 48237.

WANTED

WANTED: Any quantity of #22/24 DCC Magnet Wire. Bob, W6ME, 4178 Chasin Street, Oceanside CA 92054.

WANTED: 1939 television receivers, especially RCA TRK5. Highest price paid. Call 213 463-1846 collect anytime.

WANTED: Western-Electric microphones 639 (Birdcage), 633 (Saltshaker), or Eightball. E. D. McDonald, 922 Tanglevine, Dallas TX 75238.



WANTED: Suitcase portables from 1920s, especially Zenith, Radiola 24, Kodak, Kemper and the like. Send description & price to: Rosenthal, 507 S. Maryland Ave., Wilm., Dela. 19804.

WIRE RECORDERS: Brush, Bell, Armour wanted. Have radio items for trade. H. Layer, AV-SFSU, 1600 Holloway, San Francisco CA 94132.

WANTED: RCA rectangular station-selector pushbuttons, as used in many 1938-1939 models. Or will buy table radios with these pushbuttons -- such as models 96T3, 96T7, 97T, 97T2, 99T. Carleton Sarver, 256 West 88th St., New York NY 10024.

WANTED: 4A6G tube. Schematic for Silvertone battery powered radio models 6206 & 6207. David G. Wade, 906 Catskill Court, VA. Beach VA 23451.

WANTED: Spark type Diathermy Machines or gaps from same. Condition unimportant as long as gaps intact. Bob, W6ME, 4178 Chasin St., Oceanside Calif. 92054.



PUETT ELECTRONICS

PUBLISHERS OF P.O. BOX 28572 DALLAS TEXAS 75228

ANTIQUE RADIO TOPICS & THE CLASSIC RADIO NEWSLETTER

LIST No. 18

how to order: (1) Make all checks or money orders payable to PUETT ELECTRONICS. All payments must be in U.S. funds and negotiable without payment of a bank collection fee. Money orders issued by post offices in certain countries (Canada for example) are acceptable if they can be cashed in a U.S. post office.

(2) ALL ITEMS ARE POSTPAID AND ALL SHIPMENTS ARE INSURED when ordered at the prices listed herein (in list No. 18) or in our new catalog No. 18. The scarcity of many antique radio tube types and the increasing cost of paper and printing has made it necessary for us to increase the prices of many items which we regularly stock. We will, however, accept orders from our obsolete price list No. 17 until 30 April 1979. Customers who order from the obsolete list No. 17 or catalog No. 17 must include postage, handling & insurance charges as instructed in the obsolete list or catalog.

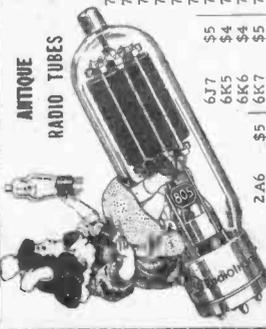
(3) TEXAS RESIDENTS ADD 5% STATE SALES TAX.

IN A HURRY! You may call J. W. F. Puett at his residence from 9:00 AM to 10:00 PM Central Standard or Central Standard Daylight Time. We will be glad to help you with free technical consultation. 214 - 321-0927 or 327-8721.

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APPROXIMATELY 800 DIFFERENT TUBE TYPES IN STOCK!!
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HERE ARE A FEW OF THE 800 DIFFERENT TYPES OFFERED IN OUR CATALOG NO. 18. ALL TUBES ARE GUARANTEED. SEE OUR POLICY STATED IN CATALOG.

7A6	\$5	24A	\$6	50A5	\$4
7A7	\$5	25L6	\$4	50B5	\$4
7A8	\$5	25Z5	\$4	50C5	\$4
7B5	\$4	25Z6	\$4	50L6	\$5
7B6	\$5	26	\$7	51	\$5
7B7	\$5	27	\$5	55	\$6
7B8	\$5	30	\$6	56	\$4
7C4	\$4	32	\$5	57	\$5
7C5	\$4	34	\$5	58	\$5
7C6	\$5	35	\$5	70L7	\$8
7C7	\$5	37	\$5	71A	\$8
7C8	\$5	35A5	\$5	76	\$5
7F7	\$5	35L6	\$4	76	\$5
7G7	\$5	35W4	\$4	77	\$5
7H4	\$5	35Y4	\$4	78	\$5
6Q7	\$5	10	\$8	35Z5	\$5
6A7	\$4	12A7	\$5	35	\$5
6B7	\$4	12AT6	\$3	37	\$5
6C7	\$4	12AV6	\$3	38	\$4
6D7	\$4	12B6	\$3	40	\$8
6E7	\$4	12BE6	\$3	41	\$8
6F7	\$4	12K7	\$5	42	\$5
6G7	\$4	12L7	\$5	43	\$5
6H7	\$4	12M7	\$4	44	\$5
6J7	\$4	12SG7	\$4	45	\$7
6K7	\$4	12SK7	\$4	46	\$8
6L7	\$4	12SQ7	\$4	47	\$8
6M7	\$4	14A7	\$5	50	\$8

2A6	\$5	6K7	\$5	7C7	\$5	70L7	\$8
305	\$4	6L5	\$5	7F7	\$5	35L6	\$4
3V4	\$4	6L6	\$5	7H4	\$5	35W4	\$4
4AZ4	\$4	6L7	\$5	7Y4	\$5	35Y4	\$4
504	\$3	6Q7	\$5	10	\$8	35Z5	\$5
5Y3	\$4	6A7	\$4	12A7	\$5	35	\$5
5Z3	\$4	6B7	\$4	12AT6	\$3	37	\$5
5Z4	\$4	6C7	\$4	12AV6	\$3	38	\$4
5Z5	\$4	6D7	\$4	12B6	\$3	40	\$8
5Z6	\$4	6E7	\$4	12BE6	\$3	41	\$8
5Z7	\$4	6F7	\$4	12K7	\$5	42	\$5
5Z8	\$4	6G7	\$4	12L7	\$5	43	\$5
5Z9	\$4	6H7	\$4	12M7	\$4	44	\$5
5Z0	\$4	6J7	\$4	12SG7	\$4	45	\$7
5Z1	\$4	6K7	\$4	12SK7	\$4	46	\$8
5Z2	\$4	6L7	\$4	12SQ7	\$4	47	\$8
5Z3	\$4	6M7	\$4	14A7	\$5	50	\$8

OLD TIME RADIO SHOWS ON CASSETTES

WHAT JOY THEY BRING GREAT STORIES

how to order:
SEND TWO 15¢ STAMPS for our list of HUNDREDS of OLD TIME RADIO PROGRAMS

Amos & Andy, Fibber McGee & Molly, Inner Sanctum, etc.

SCHEMATIC DIAGRAMS

WE HAVE SCHEMATICS FOR NEARLY ANY ANTIQUE RADIO RECEIVER! Send name of manufacturer & model number of set - \$1.50 postpaid. We will search our files for \$3.00, but we must have a sketch of top of chassis showing type numbers and location of all tubes and location of front panel & dial.

THE APPRAISAL OF ANTIQUE RADIOS

THE CLASSIC RADIO COLLECTORS HANDBOOK

SILVER GHOSTS

BOOKS, BOOKLETS, LISTS & DATA

Booklets listed in (1) thru (5) below are \$2. each, 3 for \$5., 4 for \$6., or 5 for \$7.

- (1) The Acquisition Of Antique Radios by J. W. F. Puett
- (2) The Complete Restoration of Battery Powered Antique Radios by J. W. F. Puett
- (3) The Complete Restoration of AC Powered Antique Radios by J. W. F. Puett
- (4) When Was That Old Tube Made? by James R. Wilkins
- (5) Antique Radio Tube Substitution by J. W. F. Puett
- (6) SILVER GHOSTS by J. W. F. Puett (history of J. H. Scott) \$8. 95
- (7) THE CLASSIC RADIO COLLECTORS HANDBOOK by J. W. F. Puett \$10. 00
- (8) THE APPRAISAL OF ANTIQUE RADIOS by J. W. F. Puett \$4. 95
- (9) The Antique Radio Services List (dealers and service organizations all over the U.S.A. who can help an antique radio collector) \$2. 00
- (10) The PUETT ELECTRONICS Super Antenna - Ground System Plans \$2. 00
- (11) Cross Reference List of Military vs. Commercial Tube Type Numbers \$1. 00

ANTIQUE RADIO TOPICS & THE CLASSIC RADIO NEWSLETTER

IT IS OUR PLEASURE TO BE ABLE TO CONTINUE ANTIQUE RADIO TOPICS WHICH WAS FOUNDED IN 1970 BY AN OLD TIME GREAT IN OUR HOBBY, JAMES A. FRED.

We have combined our two publications, THE CLASSIC RADIO NEWSLETTER and The Antique Radio New Acquisitions List with Antique Radio Topics. This means that you can receive all three at the same subscription rate - \$5.00 per year for ten issues!

SEND FOUR 15¢ STAMPS FOR A SAMPLE ISSUE

APRIL

75c

THE HORN SPEAKER

1979

TUBES HALVED

The *Minneapolis Sunday Tribune*, of February 1, 1925, ran an advertisement which reads: "1/2 TUBE RADIO SETS, \$15.00." Now that's what we call cutting operating expenses, although just which half of the tube has been eliminated has been kept a dark secret.

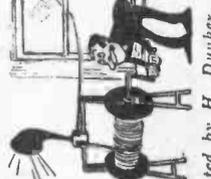
Contributed by Berdette Fogle.



FOR THE DX HUNTERS

In the January 17 issue of the *Radio World*, we find a circuit diagram for the "DX WINDER." Well, boys, such a thing sure would simplify matters. Merely reel in whatever program you wanted, although we can't see how on earth the rope is to be stored in a "two by two" apartment.

Contributed by H. Dunker.



Radiotics

A DAMP CIRCUIT
The following advertisement of the *Florence Radio Daily Star* of February 17, 1925. "One Neutrodyne JET Work Rite mahogany cabinet. Umbrellas are supplied by the owner to keep the excess liquid notes from soaking the listeners."

Contributed by Thomas Mincaky.



MEDICAL AID FOR TRANSFORMERS
In the *Pittsburgh Post Radio Broadcasting News*, of December 24, 1924, is an item telling about an interesting medical operation: "The thickness of the core was reduced to reach the saturation point, which would reduce the HVS. TERICS." Now, if there is an hysterical transformer in your set (detected by howls, yells, etc.), call in Dr. Hackensaw and have him amputate some of the core.

Contributed by John March.



VERY TICKLISH

Here's a hot one from the *Correspondence Dept.* of the *Montreal Daily Star*, of January 17, 1925. X. B. McM. asks: "Which ends of the TICKLED coil go to the plate or high ratio transformer?" It's this way, Mac old boy: you catch a snipe in the full of the moon and with one of its tail feathers gently stroke the coil. The ends will wiggle violently and automatically go to the correct places.

Contributed by Eric Foster.



APPRAISAL

WE OFFER THOROUGHLY DOCUMENTED APPRAISALS FOR INSURANCE PURPOSES. Many insurance companies offer special antique insurance policies which cover items which have been properly appraised. Send one 15¢ stamp for our appraisal brochure and a sample copy of our form.

IT IS OUR PLEASURE TO BE ABLE TO CONTINUE ANTIQUE RADIO TOPICS WHICH WAS FOUNDED IN 1970 BY AN OLD TIME GREAT IN OUR HOBBY, JAMES A. FRED.

MUST BE A ROUGHNECK

On December 26, 1924, the *Miami (Fla.) Herald* had the following advertisement: "LOVE SPEAKER - All shape \$85." No wonder the owner wanted to get rid of an instrument that had as bad manners as that one had. Imagine how embarrassing it would be if the minister came to dinner and vivid noises floated in from the horn.

Contributed by J. H. McClintop.



SIMPLE? TRY IT YOURSELF

On February 8, 1925, the *Rochester (N. Y.) Sunday American* gave this advice: "Turn dial number to two until whistle in the SHAPE GET INTO THE EXACT CENTER OF THE V and slowly disengage the PLACES of condenser number one." Outside of needing an X-ray outfit to find the V-shaped whistle and a panel stretcher to move the condenser about nothing much is required.

Contributed by G. H. Pitman.



Mr. Gary B. Schneider
6848 Commonwealth Blvd.
Para Hts., OH 44130

Radio News for May, 1925