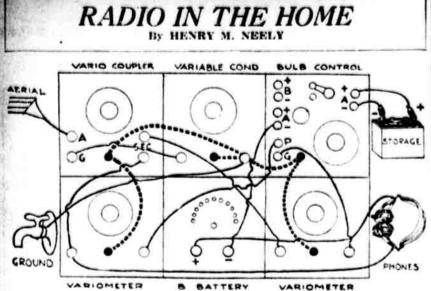
EVENING PUBLIC LEDGER-PHILADELPHIA, FRIDAY, MAY 26, 1922



Here's the "short wave regenerative" hook up as used with the "unit" method of building that we have been describing. Six of the units fit together and give the appearance of a complete cabinet. Best of this system is that, if you want to try other hook-ups, it's easy to take apart and put together another way. The dotted line is the wiring of the "body capacity grounds"

Putting Those "Units" Together

If you have been building all of those Games With Same, by E. F. Posier card dix-by-six-inch units that I have been editor New York Tribune. Trecommending in these articles, you can by the Magazine of Wall Street.

Pitteburgh Station (KDKA)

now put together a "short wave re-generative" set and you will see what s to 10.13-Concert by the "Meyer Davis" generative'' set and you will see what a neat-looking bit of radio apparatus they make. And you will also realize bow convenient this system is when how convenient this system is when

you come to wiring up your set. First, the dotted line represents the

"backing" all your panels with tinfoll, you'll have to use what a friend of mine always refers to as a "magic wand." This is simply a stick of thin. but stiff, wood about eighteen inches long on the end of which you wind a tip of insulating tape or rubber or any-thing that has considerable friction to

it. This wand is to turn the various dials and so make the adjustments necessary to receive signals. Not long ago I saw in one of the

radio magazines that the same thing could be done with a long lead pencil. but I never was able to make it work. The lead in the pencil seemed to make itself a part of the condenser which the human body is and I found this 'bodyested people before 1914 seem now to have lost all importance.

capacity" effect just as bad with the is news of battle, information about pendi as without. battles which compared to those of the The wand, however, does the trick. But it is a great nuisance and it is frequently very difficult to make a fine adjustment with a stick the length

overcome this capacity. papers. necessary to And with this book up you will often find an adjustment only the width of a pencil line will make the difference between good and bad reception.

As the units are arranged in the illustration, you will notice that the variocoupler and the two variometers I have already explained. The variameters, built in this unit system, would probably be far enough apart even if the units were next to each other, but in radio, as in everything else, it's better to he safe than sorry.

There is no set way of going about operating this hook-up. To a very large extent, it is simply a case of hunt around until you find the signal you are after. Then, on succeeding eve-nings, you can usually find it some-where around the same adjustment-

but not always. Of course the first thing to do is to 1

tic." bedtime stories for the children; Uncle Wiggily's bedtime story. Wiggily's bedtime story. 9 P. M.-Miss Clara Huhn, soprano. Shadyside Presbyterian Church, The Century Male Quartet from the Putsburgh Chamber of Commerca chorus. Robertson Tilton, tenor Roy Strayer, tenor Dr. Russell Kirk, bestione: Jan F. Croft, bass, Earl Col-ling, accompanist. Nathan Weinberg, violinist.

HONOR CHOLMELEY-JONES

of War Risk Bureau A newly formed post of the Ameri-can Legion in New York, composed of

men, has been named the disabled "Colonel Cholmeley-Jones Post," after the late Colonel R. G. Cholmeleylones, former director of the War Risk Insurance Bureau, and already has a membership of 200. After the parade in New York on Decoration Day a detachment of this post, numbering twenty, will motor to Bordentown, N. J., and fire a volley over the grave. Members of the Cholme-

ley-Jones family from New York and Broomall will meet the post members at the Bordentown Cemetery.

TO ENTERTAIN SOLDIERS

Special Performance is Planned for Camp Dix Boys

minstrel show will be given at Camp Dix tonight by the Juvenile Or-



Since the most exciting of all news at all. Capital is timid, for it is never sure

quence there are few new and pic-

A NOTHER factor in this news slump an one meets is waiting for some-thing for a mysterious millennium which ing-though it hardly knows just what will get him to work in the old way, it is waiting for.

way to settlement, it seems idle for striving for it. The man or woman men to do anything but to wait-to who has a great work to do has a better wait interminably till conferences and chance of getting it done now than at parleys shall decide what is to be done any other time. For half the world about the troubles of the nations. is dormant and in that half of the

invention, little to original thought or would be troublesome if they went out after the same sort of achievement. investigation.

This so-called "fairy opera" is by

no means the easiest of the series for amateur production. Not only is the egion Post Named for Late Head music of a rather difficult nature, but the story, combining as it does the light and pastoral fairy parts, and the stiff and unctuous characteristics of the mortals, is difficult of proper rendition. Last might's performance was, in al-most all counts, one of merit and beauty. The Savoy Company with its usual prodigality has employed a large with a whopping big chorus, just the kind necessary to put across that resounding entrance of the Peers in proper style. The fairies are of sufficient attractiveness and grace, and the noblemen are just English enough and dignified enough to be excellent folls. Nor was the comedy, much of

"IOLANTHE," FAIRY OPERA, GIVEN BY SAVOY COMPANY Gibert and Sullivan Favorite Fine Production at Broad Broad That the unit for the distinguished authors. Fine Production at Broad

Schenectady Station (WGY) (General Electric Company)' 12:30 P M —Early stock market quota 6 D M —Produce and stock market quota 5 30 P M —Seventh chapter of "Alice in Wenderland " Kolin Hager, crader. 7 40 P M . Hawith talk, "What the State bost of Chiborations, for the first of three performances at the Broad Street Verk State Health Department. 7 45 P M (Eastern standard time)—Con-Test processan. 7 45 P M (Eastern standard time)—Con-

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AUCTION SALE By Order of U. S. District Court

Of the Schofield Oil Company, Doremus Avenue, Newark, N. J., on the premises, Wednesday, May 31, at 12 o'clock (noon).

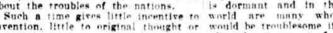
1500 gallons No. 28 Pale Oil. 37,000 gallons No. 250 Red Off, 6,000 gallons No. 600 Penn, L 18,100 gallons No. 3 Boynton stock stock About 35 barrels No. 28 Pale Oil 16,100 gallons No. 3 Boynton 100 barrels red Standoling stock. 204 barrels No. 685 stock. Petrolatum. 85 barrels Midco S. S. R. stock, 60 barrels No. 3 Boynton stock. Several hundred assorted loose barrels of oil. Ten oil storage tanks, capacity 22,000 gallons each. Six storage tanks, capacity 100,000 gallons each. Four compounding tanks (called mixing tanks)-capacity 45 to 100 barrels. One Boiler House with 100 H. P. Boiler. One New Boiler House with two 125 H. P. Boilers. Direct Current generators of 50 Kilowatt and 35 Kilowatt. Fully equipped engine room-125 ft. brick stack. Four buildings and land covering about 514 acres with two rall. road sidings. About 120 feet dock and 300 feet river front. The above will be sold to the highest bidder without reserve. Wednesday, May 31, subject to confirmation of the court, at Post Office Bidg., Newark, N. J., June 5, at 10:30 A. M. To reach property take New Jersey Central R. R. from either New York or Newark and get off at NEWARK TRANSFER. Walk South on Doremus Avenue about three blocks. For further information regarding property and terms write to SAMUEL I. KESSLER, Receiver, 9 Clinton St., Newark, N. J. Bilder & Bilder, Attorneys for Receiver,

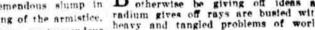
790 Broad St., Newark, N. J. S. Van Poznak & Son, Auctioneers Phone Market 6084

matters which, inasmuch as they understand them but vaguely themselves. they cannot make the people understand

of what muy happen-and as a conse-

But the problems arising from the before the war, ar are not yet settled. There has Such a time t variocoupler and the two variometers are placed as far apart as possible. This is to keep them outside of the influence of each other's 'magnetic fields,' which here influence of cach other's 'magnetic fields,' which For naif the world are many whose competition





war seem utterly insignificant are little suresque experiments in trade or manu-

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or course, the first thing to do is to find your desired wave length roughly on the variocoupler. This is done by warying the number of turns of wire you use in the coils of the variocoupler and at the same time varying the couand at the same time varying the cou-pling. The coupling is varied, as al-ready explained, by rotating the ball back and forth if you are using the standard variocoupler, by raising or lowering the top coil if you are using our home-made spider, web coupler and, if you are using an old-fashioned loose coupler, by pulling the inner coil out of the larger one or pushing it in. Per-sonally. I have had very little success with a loose coupler with this book-up. The adjustments necessary are too fine. The adjustments hereesary are too hit. I have been able to hear the speech and music fairly loudly, but have never been able to "clear it up" so as to make it really satisfactorily distinct. I much prefer the home-made spider webs to any other kind of coupler, and by the knob and thread which I have described, you can get the very finest kind of ad-justments of the coupling.

Be careful of the brightness of your filament in using this hook up. If your phones are noisy, try less current. If that doesn't stop the noise, use the same amount of current and see if altering i the setting of one or the other of the variocouplers won't stop it.

When you hear the first faint sound When you hear the first faint sound of the broadcast, get it as clear as you can with the coupling and condenser (if you are using one) and then try slowly and carefully altering the setting of the two variocouplers. Try the rheostat again, too, every now and then. And if you have mounted and tapped the forty-five-volt "B" battery as I have advised, try a little more or Tass cur-rent from that. rent from that.

That, unfortunately, is all I can tell you about operating this set. It is a matter of sticking at it until you master it.

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Today's Programs

Philadelphia Station (WFI) (Strawbridge & Clothier)

. M -- Announcements of Devon Horse P. M.—Late news items, M.—Devon Horse Show Announce

2 P. M. Devon Horse Show announce-ments. 3.30 to 4.30 P. M. -Connect. Duet An Mini Palae from La Boheme, Prank Ogleshy, tener, and Paul Engle, bartine Soprant solo. An Forse Lut' from Travisa Dorothy Fux Plano solo. Beleted Mabel Fosse Tenor solo. Be-fore the Dawn. Frank Ogleshy So-prano sole Swias Echo Song, Derothy Fox Paritons solo. Even Bravest Heart. From Faust. Faul Engle. Duet Dowes. Frank Ogleshy tenor and Faul Engle. bar-tone Plano solo selected Mabel Forg Fene Plano solo selected Mabel Forg Tenor Solos. Ja Suis Titania from "Marnon" Dorothy Fox Paritone solo. "Tommy Lad. Paul Engle. 0.30 to 7 P. M. -Horse Show announce-mens. Hadin alk by Lewis F. Kendall, Jr. T. Su to S.80 P. M. -tomest by Horare Konne Horder Horse Horae Mora decomposition for the Solo Solo Marco Morae Solo.

Lad " Taut Engle. 1.0 P.M.—Praseball moores. 5.7 P.M.—Russe Show announce-fields talk by Lewis F. Kendall, Jr. 9.830 P.M.—Curvert by Horace Urbhestra Horace Koon director. 100. Herman Bertsch, banjo A. saxoubots Raymond E. McMenn-Jin, William Lawless, drums

Philadelphia Station (WIP) (Gimber Brothers)

1:50 P. M. - Several selections by the Gim-el Urchestra. 2:30 P. M. - Recital by E. A. Sweet vision-t assisted by Mrs. Frances. Reference. 3 P. M. - Dance music on the Brunswick honorarable.

230 P. M. Beelin by E. A. Sweet voorn-t assisted by Mrs. Frances, Babrocs, 3 P. M. — Danou music on the Brunawick noneraph 705 P. M. — Unito Wip a bedrine stories, 715 P. M. — Unito Wip a bedrine stories, 720 P. M. — Unito Wip will call off chi-ren's names who write to him. 8 30 P. M. — Radio danie music by the oparell Society Orchestra Lester Herbert fortiele violin, G. Norman Belling, first and Mrs. Frances Exborck, second plano: arod Pfaff, assophone. Donald Bergmann, Kophone. John Dunn, trombone: Harry enes, banto, H. A. Triddell, drums, Mar-bertis Krauss, planist.

Newark, N. J., Station (WJZ)

(Westinghouse) -''Man-in-the-Moon''

The Playing Call. Carde

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