THE PEOPLE, BARNWELL, S. C.



get rid of poisonous gases and fermenting foods. Master that catarrhal condition of the digestive tract with the remedy which has proved its usefulness over a full half century.

PE-RU-NA A Splendid Tonic For Spring and Summer Sold Everywhere Tablets or Liquid

There are bores and bores, but the man with the chronic explanation habit is in a class by himself.

Weak and Miserable?

Are you dull, tired and achy-both ered with a bad back? Do you lack ambition, suffer headaches and dizziness-feel "all worn out"? Likely your kidneys are to blame. Lameness, sharp, stabbing pains, backache and annoying urinary disorders are all symptoms of weakened kidneys. Don't wait for more serious trouble. Get back your health and keep it! Use Doan's Pills, a stimulant diuretic to the kidneys. Thousands of folks tell their merit. Ask your neighbor!





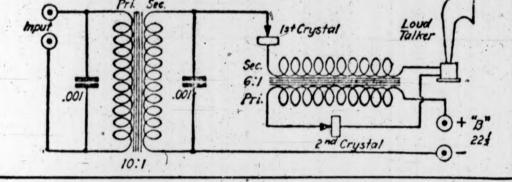


Diagram Showing Directions Which Must Be Followed for Construction of the Two-Stage Crystal Amplifier.

By PETER MOMBELLO ductivity is very low. Make all con-Tube amplification, with its persist? nections direct in straight lines and ing noises, has been the only thing to solder absolutely every connection. prevent a radio set from comparing When soldering the connections to the very favorably with a phonograph for crystal detector units make sure that clear music, "Also, because of these you remove the crystals, as they will be ruined by the heat or decomposed noises, many radio fans who are satisby the soldering flux. For the sake of fied with the locals have gone back to the crystal sets to enjoy clear, natutone quality use fixed condensers having a mica dielectric, and connect ral and faithful reproduction. These properties of the crystal account for these directly on the posts of the its existence in this age of multitube transformer as shown in the diagram. sets. If the crystal can be used as a Since different transformers vary detector, why cannot it be used as an greatly in their construction, it would amplifier (if this term is appropriate)? be worth while to experiment with the As a matter of fact, if can be used in capacity of the two fixed condensers. the latter way, and the rest of this Although a "B" battery of 221/2 volts article will be devoted to the construcis used to force the signals through tion of a two-stage amplifier- using the amplifying transformers, the unit should be built with the greatest of The following parts will be needed: care, as every bit of energy is to be

Two audio-frequency transformersone of 10 to 1 ratio and another of 6 to 1 ratio; two perfectly insulated crystal detector units, two very sensitive galena crystals, two mica fixed condensers, .001, mfd. capacity; one "B" battery, 221/2 volts; six binding carefully manipulate the first crystal posts and one radion panel, 7 by 5. All these parts are to be very efficient. and, considering the fact that they can be used over and over again. It is worth while to spend a little more and get good ones the first time.

The diagram given with this article must be followed very carefully. Of wire, that comes from the secondary

Many Amusing Stories Are Told of Doctor Spooner.

SCHOLAR NOTED FOR

The retirement of Rev. Dr. W. A. Spooner, the distinguished English historian, who has been successively fellow, tutor and warden of New college, Oxford, has caused an outburst of anecdotes in the British press, for Doctor Spooner's habit of interchanging letters or syllables, with results that were sometimes very amusing, is famous wherever Oxford men are found. Indeed, the fame of "Spoonerisms" eclipsed his very considerable fame as a scholar, much to the ironic amusement of the victim himself.

There is a good deal of doubt as to the authenticity of many anecdotes told about Doctor Spooner, but at least the noun "Spoonerism" is enshrined officially in the New English dictionary: "Spoonerism (f. the name of Rev. W. A. Spooner-1844). An accidental transposition of the initial sounds or other parts of two or more words," and Oxford slang has known the word joyfully for 50 years.

One of the most famous Spoonerisms is said to have been uttered in a sermon which Doctor Spooner'preached at Oxford. "Ah, brethren," he said, "are you never conscious of a halfwarmed fish within the breast?" Who would recognize in that extraordinary sentence a "half-formed wish?" It was Doctor Spooner who, at the conclusion of the Oxford celebration of Queen Victoria's jubilees, called for three cheers for "our queer old dean"-an honor which that functionary might well have appreciated in spite of the adjective, but which did little honor to the "dear old queen" for whom the celebration was held. It was Doctor Spooner also who in bicycling days is supposed to have dismounted to "boil his icicle."

Follow this by manipulating the secto his dying day that the warden had ond crystal for louder results. After rebuked him for "fighting liars" in the a little parctice the two crystals.can quadrangle, and there is a story that be worked simultaneously. he took his history class severely to This amplifier, although it cannot task for "hissing all my mystery leccompare with the regular two-stage tures." There is also a tale of an unamplifier using tubes, will be free from fortunate graduate whose waste of time led to the accusation that he had "tasted two whole worms." Doctor will do very good work with this unit. Spooner is said on one occasion to have read out the first line of the hymn, "Conquering kings their titles take," as "Kinkering kongs their titles take," and to have proposed the royal toast, "Gentlemen, the king," as "Kinglemen, the gent," to the mild dismay of the assemblage. ly in the phones without the usual Being a kind-hearted and philosophic person, the ex-warden of New college finds a quiet diversion in the gradual multiplication of anecdotes about him, nine-tenths of which, needless to say, are apocryphal, though none the less amusing for that triffing fact .- From the Living Age.

And Recovers Strength by Taking Tanlac.

HIS ECCENTRICITIES LITTLE ROCK OFFICER

"Tanlac increased my weight 20 lbs. and left me feeling like a new man three years ago and I am strong for it," recently affirmed J. J. Hardcasfle, digestion. The medicine also set me a special police officer, 311 Poplar St., North Little Rock, Ark.

"Two years ago stomach trouble had pulled me down to where I simply felt all played out and miserable. I suffered so from gas bloating, pains

and other uncomfortable symptoms after meals that I actually dreaded to tion; made and recommended by the eat anything. My nerves were all un- manufacturers of Tanlac.

done, too, and I had so little energy that I just had to drive myself to

GAINS TWENTY POUNDS

"My improvement started with my first bottle of Tanlac and five bottles of the medicine put my stomach in condition so I can eat anything I want and all I want without a touch of inright in a general way and I am glad to praise it to everybody."

Tanlac is for sale by all good druggists. Accept no substitute. Over 40 million bottles sold.

Tanlac Vegetable Pills for constipa-

"Here is something new in screen announcements." "Whazzat?" "Grammar by Lindley Murray."

The Expert

Not That Simple "Do-you think seeing is believing?" "No, indeed. I see some men every day I never could believe."



Unless you see the "Bayer Cross" on tablets you are not getting the genuine Bayer Aspirin proved safe by millions and prescribed by physicians 24 years for

Colds	Headache	Neuralgia	Lumbago
Pain	Toothache	Neuritis	Rheumatism
0	Co +	Accept only	"Bayer" packag

crystals.

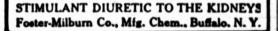
tery.

the right.

Must Follow Directions.

special importance is the connection | the tube noises of the latter amplifier. after the first amplifying crystal. The Under good conditions, a crystal set

until the greatest volume is obtained. One student of New college insisted





Child's Best Laxative is "California Fig Syrup"



Hurry Mother! Eyen a fretful, peev-1sh child loves the pleasant taste of "California Fig Syrup" and it never fails to open the bowels. A teaspoonful today may prevent a sick child tomorrow

Ask your druggist for genuine "Callfornia Fig Syrup" which has directions for babies and children of all ages printed on bottle. Mother! You must say "California" or you may get an imitation fig syrup.

FOR OVER 200 YEARS

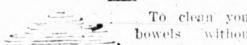
haarlem oil has been a worldwide remedy for kidney, liver and bladder disorders, rheumatism, lumbago and uric acid conditions.



correct internal troubles, stimulate vital organs. Three sizes. All druggists. Insist. on the original genuine GOLD MEDAL

"CASCARETS" IF BILIOUS, CONSTIPATED-10c A BOX

Sour, Clean the Bowels.



and the locals will come in as strong of the first transformer and goes as on the ordinary two-tube regenerathrough the crystal is to be connected tive receiver. Although the range of to the secondary of the second transthe receiver will not be increased by former. If this connection should go adding this amplifier, the signals to the primary the amplifier would not which were not audible will be greatly work, and the sensitivity of the first amplified and they will be heard clearcrystal would be ruined by the bat-

successful.

straining of one's ears. No baseboard is to be used. 'The

preserved if the amplification is to be

Operating Amplifier.

In operating this amplifier connect,

the phone terminals of the set to the

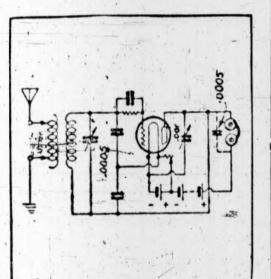
primary of the first transformer; then

If, due to the location of the retransformers should be mounted at right angles to each other on the inceiver, one of these units fails to opside of the panel. The first crystal erate a loud speaker, two of them should be placed above the first should be constructed. The second transformer, and the second crystal amplifier should use one medium above the second transformer on the ratio transformer and one low ratio front of the panel. The connections transformer. It should be connected to both of them should be reversed to in the same way as the first unit, and give the best volume. The input posts should be placed after the first unit, should be on the left and the battery with its input posts connected to the output posts of the first amplifier. This posts and output posts should be on combination will work very well in any

In wiring, use pure soft drawn cop- case, and for the quiet satisfaction per wire or gold-plated wire. Under these amplifiers give they are well no circumstances should you use the worth the trouble of construction .tinned bus-bar wire, as its surface con- New York Herald-Tribune.

Where Trouble Comes in Altering Your S. C. Set is connected from the grid to the neg-

The trouble in altering the single ative or positive filament .- New York circuit set lies in getting the tube to Sun. oscillate at the high waves, and also in the loss of volume and distance reception when dry cell tubes are used. In trying to overcome these two things the ultra audion circuit has been suggested at different times, but this circuit vin Its standard form also has shortcomings, making it little better, if any, than the tuned plate circuit. The receiver described herein is an



Secondary Circuit Connected in Ultra Audion Manner.

the bill both in ease of oscillation and in distance of reception. A glance at the circuit will show to the funt that it is a two-circuit tuner with the sec-If Dizzy, Headachy or Stomach Is ondary circuit connected in the ultra audion manner.

The primary and secondary coils of To clean your the set are the stator and rotor rebowels without spectively of an ordinary variocoupler.

New Refrigeration Idea

Freezing with carbon dioxide is a new method of fish refrigeration being tested at the Atlantic biological station in Canada, according to reports. received by the American Chemical society. The use of solid carbon dioxide, it is asserted, has several advantages. The lowering of temperature by this means retards spoiling, and the cooling can be controlled within wide limits. The carbon dloxide also excludes the air while the penetration of the juices of the fish by carbon dioxide gas has an additional preservative effect. Weight for weight solid carbon dioxide has twice the cooling power of artificial ice, and it is believed that the cost of production can be kept down to about the same. figure.

Reassured

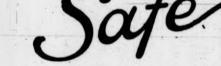
News had reached the village of Forksville that a motor-bus plying between the two neighboring towns of Bumpton and Gush Hollow had gone over the side of a cliff with all on boagd. It was also known in Forksville that the wife of the much henpecked Bud Blodgett was en route to Gush Hollow via the bus line. An interested villager immediately called on Bud. "Ain't ye worried 'bout yer wife,

Bud?" he asked . "Well," replied Bud, "I was fer a

while, but her cousin in Bumpton jest called up an' said she saw Sal git on the bus with her own eyes."--American Legion Weekly.

World's Largest Libraries

The most important library in the world, according to the number of volumes, is the national library in Paris with its 3,500,000 books, after which comes the United States library of congress at Washington, with 2,918,256 books, the New York public library with-2.637.505; the British museum IIbrary, with 2,500,000 books; the Harvard university at Cambridge, with 2,101,000 books; Gravenhage, in Holland, with 2,000,000, the Prussia state



which contains proven directions. Handy "Baver" boxes of 12 tablets Also bottles of 24 and 100-Druggists. Aspirin is the trade mark of Bayer Manufacture of Monoaceticacidester of Salicylicacid

The Sign "How old is your cow?"

"Two years." "How can you tell?" "By her horns." "Oh, yes, I see. It only has two."

Encouraging Lawyer "De lawyer in de case was so good," said Uncle Eben, "dat his client was kind 'o sorry he didn't steal several mo' chickens while he was at it."-Baltimore Star.



Don't waste your money! Why pay more when you can get-in DAVIS-full raising strength, absolute purity and good baking results for less money?

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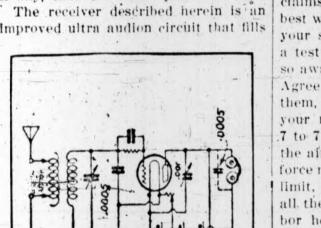
Bake it BEST with

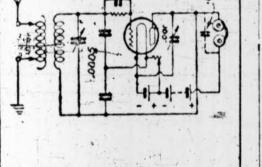
EVERY INGREDIENT OFFICIALLY APPROVED BY U. S. FOOD AUTHORITIES

BAKING

POWDER

20





values and also try shifting it from its present position to one wherein it

Plan to Test Radiation Will Prove Worth While

Since the inauguration of the antisqueal campaign a lot of trick circuits are coming out with claims that they do not radiate. In some instances the claims seem to have some basis. The best way to settle beyond cavil whether your set radiates or not is to arrange a test with a neighbor, say a block or so away. Agree on a time for the test. Agree on a wave length, or a series of them, for testing: For instance, have your neighbor listen for KDKA from 7 to 7:30 on a night when they are on the air. Tune your set to KDKA, then force regeneration and oscillation to the limit, twisting the dials and producing all the squeals possible: If the neighbor hears the squealing it's time for you to get a real, loose coupled radio set or one of the type using radio

Always Keep All Your

Parts Well Separated

One of the most important things

to bear in mind when building a radio

receiver is to keep the parts well sep-

arated. In -a three-circuit receiver.

which is made up of two variometers

and a variocoupler, bad squealing and

howling sounds will be experienced if

the parts are not well separated, and

in order to prevent this the two vari-

ometers should be placed about 12



distress gone by morning. Nicest laxstive and cathartic on earth for grownups and children. 10c a box-all drug stores.

FOR SALE-DESIRABLE FARMS in Georgia, Florida and Alabama. In choice sec-tions and suited for growing cotton, corn, tobacco and other crops. Acquired by foreclosure and for sale cheap and on easy terms. Seng for price list. The Georgia Loan and Trust Company, Macon, Georgia.

W. N. U., CHARLOTTE, NO. 40-1924.

The secondary tuning condenser may cramping or overacting, take "Casbe the one formerly used in the aerial. circuit of the old single circuit tuner. Sica The other variable condenser has a dizzicapacity of .001 mfd. This condenser biliousness, gases, indigestion. cating the fault of the old standard sour upset stom-

is included for the purpose of eradi- Separation of Set From **Battery Is Not Harmful**

frequency.

ach and all such ultra audion circuit, i. e., uncontrollable oscillations.

In installing a radio receiver in a home, it is often desirable to place the The two fixed condensers shown in storage battery a distance away, in the secondary circuit must be good

order to make it unseen. This can be mica condensers that will not blow done without fear of affecting the acwhen the B battery is applied, otherwise the tube used in the set will be tual results obtainable from the set. The length of wire between the latter burned out. The grid condenser and and the battery is of little importance: leak are standard. It is suggested that the constructor experiment with in fact the wire acts as an additional the grid leak in this set after he has aerial and often helps along the regulearned the tuning. Try various lar outside antenna.

inches apart and at right angles to library in Berlin, with 1,750,000, and each other. The variocoupler in a the Bavaria library, with 1,750,000 volthree-circuit receiver may be-placed midway between the two variometers. umes, says Detroit News.

American Foods in China

If the American appetite seems to lean more heavily each year to chop suev and other Chinese foods, as is indicated by the increasing number of Chinese restaurants, it has a counterpart in China where American dried fruits, breakfast cereals and cigarettes are growing more in demand from the native Chinese. The increase in the demand for American food products there is so noticeable that the consular representatives have made official report on it.