ALMOST WRECKED STATES R. R. MAN

Stomach Trouble Had Him Nearly Past Going, Declares Mowrer.

Past Going, Declares Mowrer.

"Thalac has helped me to gain ten pounds," said J. E. Mowrer, 157 Park St., Akron, O., well-known railroad man.

"It is someth was in such bad far that for several days at a time I could hardly retain my food. I had no sepetite and often the very sight of made me sick. I was intellect performed to the several performance of the several several tree and to the several severa

Her Reason.

Mary Louise and her little friend had had a failing out. Explanations were hard to obtain, but the trouble finally came out.

finally came out.
"What was the trouble between you and Hazel?" Mary Louise's aunt asked her.
"Aw, Hazel flieted with a boy in the park," replied Mary Louise.
"Til bet you flirted, too," said the

No Place Like Home. Rub-I get so tired of eating at res-





BELL-ANS



Buy this Cigarette and Save Money

KILL RATS TODAY



STEARNS' ELECTRIC PASTE





USE OF CHOKE COIL AND TRANSFORMERS

Latter Provide the Most Practical Method of Coupling for the Amateur.

Figure XXVIII shows the actual circuit of a three-stage resistance coupled amplifier. The output of such a circuit is K times K times K the input a circuit is K times K times K the input:
or assuming the amplification factor
of each tube to be 10, the output would
be 1,000 times the input. The resistance R is the coupling resistance whose function it is to transform the
plate current variation to potential
drops to be applied to the grid of the
locat tube.

larops to be applied to the grid of the next tube.

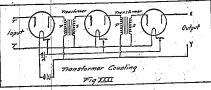
The expactry C is simpty a means of allowing the phetential variations across the coupling resistance R to be applied to the grid of the next tube, yet not allowing the "B" battery applied to the plate circuit of a tube to be applied to the jrid of the next tube. Because of using the condenser to, what one might say, insulate the grid from the "B" battery potential, it is necessary to use a grid leak, to keep the charge which collects on the grid from becoming excession and reducing the plate curve and the pl

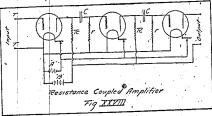
assigned for maximum power amplification, while at the same time the ratio of the transformer must be such as to deliver maximum power amplification. The such as to deliver maximum potential to the grid circum a constraint of the such as to deliver maximum and the low the greatest advantages of the transform amplifies are the high degree of amplification, the relative simplicity of operation and the low plate voltage general. Chief among the disadvantages of the transform; coupled frequency amplifies its gas. Also the transform; coupled frequencies to different c grees, which means that when this type of coupling is used for radishone reception, the voice is distored by the amplifying transformers. Sowers, from a practical standpoint; the average amateur will have better results using transformer coupled tailor frequency amplifiers than from, my other method that can be used with the tubes and equipment now awaif, bie.

GREAT BRIT-IIN VS. AMERICA

GREAT BRIT IN VS. AMERICA

Radio Amateur, of Those Countries
Pursuing D stinct Courses in
Developm nt of Receivers.





audio frequency.

A method of transforming the change in plate current of a vacuum tube to difference in potentials by means of a chicke coll of the word of a collection of the collection of t

Be a

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or an

ACCOUNTANT

You can repare for a high-grade office position in a short time under our instructions. Write for bulletin to a short time under our instructions. Write for bulletin A, explaining course and tuition rates. Opportanties to work for board in room while attending room while attending room while attending to the common of the circuit.

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For the Skin
Sony 25s, Ointment 25 and 50s, Talema 25s.

YOU GAN ***Self-room buttens school in Mich.

The private of the simpler school of the

tials are necessary. The amplification per tube of a resistance-coupled
amplifier is not as high as it is for
some other methods but it is stable
and does not dislot the input as
much as do some other methods used
which give greater amplification per
tube.

Resistance-coupled amplifying may
be used to amplify either radio or
audio frequency.

A method of transforming to
change in plate current of a vacuum
tube to differences in potential is aby
menns of a chôke coil. A choke coil
sonists of a number of turns of wire
wound up in a multilayer coil, and
may or may not have an iron core. A
coil of this kind, offers a high impedance to the flow of alternating curert, but have a felatively we direct
current resistance.

The choke coil on account of having a low obtaic resistance, will have
a smaller method of content, will have
a market in the present meant resistance, will
a frequency vacuum tubes.

A method of transforming to the present proportion of the story of the present proportion of the story systems will utilized to use tuned
the present methods of the present method of the story of the story of the present method of the story of

SHORT FLASHES

SHORT FLASHES

The enormous popularity or radio has started out a new crop of solicitors offering the stock of fake companies, with alleged gittering 'prospects. A general varining is being broadcast for fans to be on the lookout for these smooth gentiemen. A young radio sharp at Ogdenburg, N. Y., recently head through his set; "Come home with the car, Howard 1 have to go to the store." Who can say that a get in the pasture will not soon 'call the cows at milking time. "Come boy!" In making, a regenerative set, employing two variometers and a variocoupler be careful not to get the Instruments too close together. If they are, the set will how! A set of this type should be mounted in a box not less than sixteen looks! Opr. John J. Carty, often re-

anount be mounter in a look and the second of the second o

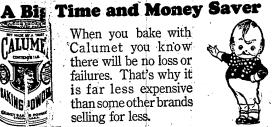
ECONOM

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The World's Greatest Baking Powder

Really, Professor Jojies!

An Elighist clergramin new visiting this couptry tells a story, if an eminent Chirch of England seclessatte now dead, who on the consistion of the gathering of the initial association, invited the member of the initial association, invited the member of the initial association, invited the man place. But he sent no card to one member of the Association, who, thinking that he was the victim of an oversight, mentioned the matter to a mutual frield. "I will speak to the bishop and make that right," said the priefs. "It was a norm accident."

He did speak to the bi top, to this

He did speak to the bi top, to this

He dtd speak to the bl op, to this effect:
"By jsome mischance Professor Jones bijs not been invite' to the entertainnent. Of course y; mean him to com?"
"No, sindeed, I do no," said the hispon, "Nothing, can hince me to ask under my roof a t in who has defended the execution of Socrates!"—Philadelphin Ledger.

THAT WAS ASKING TO MUCH
Ad in Chicago page—I will trade
Bishop Probably Had I sad That
"Much Shall Be Forglavin," but
Really, Professor Jojes!

Ad in Chicago page—I will trade
my husband, aged twenty-eight years. last pince?" Applicant—"The missus
for a good electric fan.

The company of th

Gives Old Capes Glow of New
Putnam Fadeless Dyes—dyes or tints as you wish

MADE NO SORT OF APPEAL | EVIDENTLY HER UNLUCKY DAY

Colored Messenger Couldn't See Where the "Sport" Came In in That Kind of Fishing.

Woman Probably Convinced That at That Moment Her. "Jinx" Was Strictly on the Job.

The Princess Threatens.
The friend of a New York girl who, some ydars ago, locaime it European princess, tells of an incident in the royal household.
The friend war, just entering the princess, relia of an incident in the royal household.
The friend war, just entering the princess' dressing, room when she were masteress an, maid.

The Maid-Pull, machine—and my husband kissing a tim, doe of you will lightfully situated here. "Mrs. Rose—"I think, Clarence, we had better move to another hote of another hote who raise plgs alm, doking the daughter glanced at the dauching glass particles and, looking up in particles and, tooking up in the badsil"—Clitago Tribune, you had better move to another hote one? Mrs. Rose—"I think, Clarence, we had better move to another hote or another hote of a

Kind of Fishing.

In a government office in Washington one day a Californian was discoursing on the sport of fishing of the
Pacific coas.

"We all get out in small motorboats," said he, "and gish with a long
line batted with flying dish. Anything
lies than a hundred-bound tuna isn'considered good sport," had been itstening with great interest to this conversation.

"Excase me, boss," he said, wideged, as he stepped up to the group,
but did I understand you to say that
you were fishin for hundred-bound
dash in a little motorbart?

"Yes," said the Californian, "we go
out frequently."

"But," urged the messenger, "ala't
you all afenced you might ketch one?

—Pittsburch Dispatch.

Lack of interest.

Strictly on the Job.

I was very busy upstairs with some
necessary writing, and, giancing out
the window, beheld Mrs. "Siny-Fortow with a long, and the window, beheld Mrs. "Siny-Forcalling my small daughter, I told he to with a long
the stairs to do my bidlength and I thipsed soffly to the top of
the stairs to do my bidlong and I thipsed soffly to the top of
the stairs to de anthe conversation.

"Mother home?" inquired Mrs. Neigh"No. ma'am," said my faithful child.

At this unfortunate moment the
heavy blue beads I were around my
town article of the stairs to do my bidlength and I thipsed soffly to the top of
the stairs to de arthe conversation.

"No. ma'am," said my faithful child.

At this unfortunate moment the
heavy blue beads I were around my
town article of the stairs to do my bidlength and I thipsed soffly to the top of
the stairs to do my bidmy stairly to the top of
the stairs to do my bidmy stairly to the story.

"No. ma'am," said my faithful child.

At this unfortunate moment the
heavy blue beads I were around my
town arm and the place of the stairs to do my bidmy stairly to the top of
the stairs to do my bidmy stairly to the top of
the stairs to due stairs to do my bidmy stairly to the stairs to do my bidmy stairly to the stairs to do my bidmy stairly to the wide with



Grape-Nuts contains all the nourishment of whole wheat flour and malted barley, including the vital mineral elements and bran "roughage," and it is partially pre-digested in the long baking process by which it is made.

There's a wonderful charm for the appetite in the crisp, sweet goodness of this ready-to-eat food, and fitness and lightness afterward, which meet summer's heat with a smile.



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