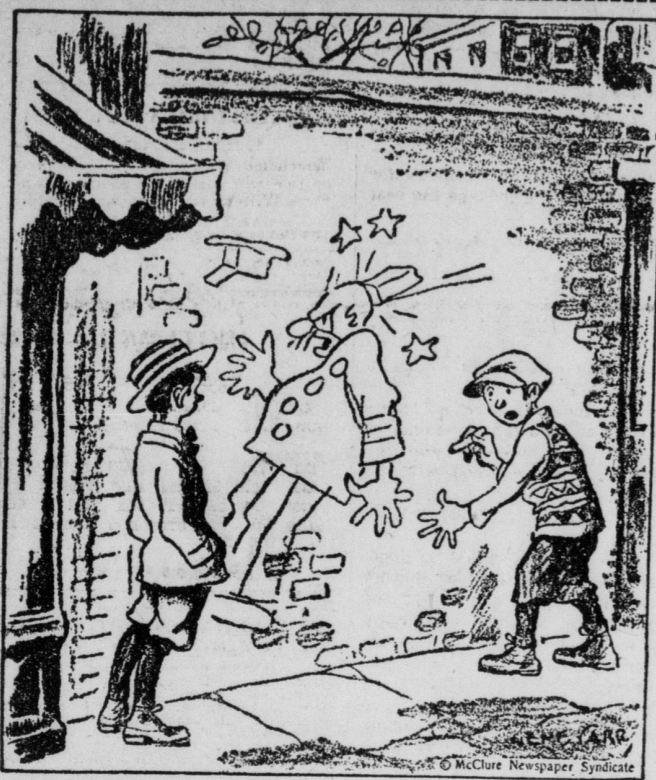


JUST HUMANS
By GENE CARR



"AW, THAT'S OLD STUFF!"
"WOT Y'MEAN, OLD STUFF? I JUST DONE IT!"

WANTED:
A MAN

By EVELYN GAGE BROWNE

WANTED—A man who likes to work,
And who can find things to do
Without his needing a manager's help,
And several assistants, too.

A man who gets to work on time,
And who doesn't endanger the rest,
By being the first one to rush away—
But all day long does his best.

A man who listens to what he is told,
Then does that thing just right;
Who puts his heart and soul in his job,
And hustles with all his might.

A man who never pities himself
For having to pitch in and dig,
But who is determined to just "make good!"
And be worthy of being BIG.

A man who always tells the truth
And looks you straight in the eye,
A man you can bank on every time
To scorn deceit and a lie.

A man who gives you service-plus,
And whose work is a Number One,
Who never kicks at "overtime"
When his regular work is done.

A man who works for vastly more
Than so many dollars a day,
Who is ready for rapid promotion, too,
Whenever it comes his way.

WANTED, such a man to get to the top
And sit in the President's chair;
If interested, apply any time
To just anyone, anywhere!
(Copyright)

WHEN I WAS
TWENTY-ONE

By JOSEPH KAYE

At 21—"Uncle" Joe Cannon Began His
Legal Struggles.

AT TWENTY-ONE I was a law student and was admitted to the bar a year. In Shelbyville, Ind., where I was practicing, I waited a whole year for a client who never came so I went to Tuscola, Ill.—because that was as far as my money would carry me on the railroad.—Joseph G. Cannon.

"Uncle Joe," as Mr. Cannon was popularly known, was made state's attorney for the Twenty-seventh Judicial district of Illinois when he was only twenty-five and from then on until some years ago he had been in public office, becoming one of the famous political leaders in the country during his incumbency as speaker of the house.

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Do You Know
That: ~?~?~?

"HOBSON'S CHOICE" is a phrase denoting a choice without an alternative?

Hobson's Choice, so called in reference to the practice of Tobias Hobson. It is said that he was the first man in England to hire out hack horses. When a customer made his appearance, it was his practice to lead him into the stable and show his goodly array of beasts. The customer, however, was obliged to take the horse next to the door so that every one should be served alike, or according to his chance. Thereafter it became a byword to say, "Hobson's Choice" when what ought to have been one's choice was in reality forced upon one.—Anna S. Turnquist.
(© 1927, by Western Newspaper Union.)

Rested Him

"See here, sir," cried the irate patron, "I want to complain about the waiter."
"I'm glad to hear it," interrupted the proprietor of the restaurant.
"Yes; it's a relief to hear a complaint that isn't about the food."—Boston Post.

What Does Your Child
Want to Know ?

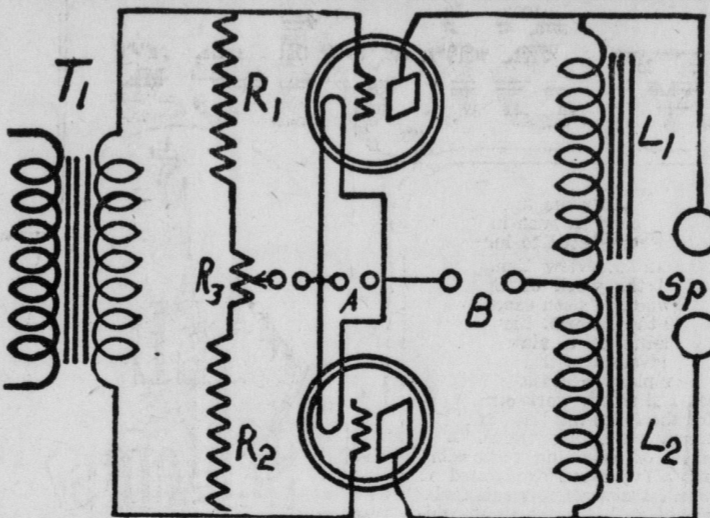
Answered by
BARBARA BOURJAILY



WHY DOES CREAM RISE TO THE TOP OF THE MILK?

Cream is the fat part of the milk. And rises for this cause, That light things rise when'er they can, Obeying nature's laws.
(Copyright)

RADIO



A Push-Pull Amplifier Without the Regular Input and Output Transformers. A Potentiometer is Used to Divide the Secondary Voltage of Transformer Between the Two Tubes. Two Choke Coils Are Used in the Output and the Loudspeaker is Connected Directly Across the Coils Without Any Stopping Condensers.

Use of Push-Pull
Amplifier Scheme

Can Be Put Together With
Parts to Be Found in
the Workshop.

By GEN. T. C. H. BRANNON,
in Radio World.

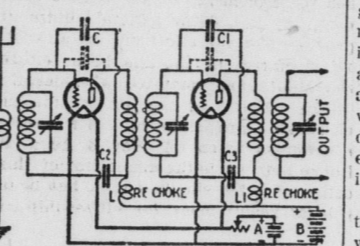
When it is desirable to have considerable undistorted power for the loudspeaker and neither power tubes nor high voltages are available, a push-pull amplifier can be rigged up, usually out of parts that are already at hand. The diagram shows such an amplified. T1 is an audio-frequency transformer. It must be one of high grade and preferably of high ratio, say 6 to 1. R1 and R2 are two resistors of about .5 megohm each. R3 is a high resistance potentiometer about .5 megohm. This potentiometer is connected between the two fixed resistors and it is used for the purpose of dividing the secondary voltage equally between the two tubes. It is difficult to find two resistors of exactly equal value to make the potentiometer unnecessary. Of course, if a potentiometer of about one megohm is available, R1 and R2 need not be used, R3 alone being sufficient. The grid battery is put in the lead which runs to the slider on the potentiometer, with the minus terminal pointing toward the slider.

No Condensers Used.

In the output side two choke coils L1 and L2 are used in place of an output transformer. These choke coils can be the secondary windings of audio-frequency transformers. Cheap transformers, which should not be used in any high-quality amplifier, can be used here to good advantage. The two choke coils are connected in series between the two plates of the tubes. The mid-point, or junction of the two windings, is connected to the positive of the plate battery. The loudspeaker is connected from plate to plate across the two choke coils. Note that no condensers are used in series with the speaker. Similar circuits have been recommended

For Stabilizing Radio-
Frequency Amplifiers

A very interesting system for the stabilization of R. F. amplifiers is described in U. S. patent No. 1605042, granted to Edward H. Lange of New York City. By referring to the circuit diagram it can be seen that the system is so arranged that any feed-back



Another Stabilized Radio-Frequency Circuit Employing "Phase-Shifting" Condensers.

of energy from the plate of the grid of a tube will be out of phase with the original impulses and so will not combine with them to produce oscillation. This is accomplished by means of the small capacities C and C1. It will be noted that the radio-frequency currents are prevented from passing through the common battery circuit by the R.F. chokes L and L1, and are instead by-passed through condensers C2 and C3 to the filament; legs of the tubes.—Radio News.

Broadcasting Is More
Effective Than Reading

John Wallace, well-known critic, whose frequent attacks on radio education have received wide publicity, takes a surprisingly optimistic stand when considering the value of broadcasting from a musical viewpoint. "Radio is the best-fitted agent to do this work," says he in the Radio Broadcast Magazine. "It can function to its own best advantage by forgetting all its silly aspirations to sup-

plant the technical college and by devoting itself to this equally large and far more important task. "Not that the millions of people in the United States who own receiving sets have the intelligence to really get the low-down on what music is, but that there are thousands upon thousands of people in the land who have got the mental equipment to enjoy music if they put themselves to it. It is amazing how many people who are apparently cultivated, well educated, and surrounded by opportunities, and who profess to enjoy music, can be discovered, by a couple of well-directed questions, not to have the remotest idea of what music really means. "There are many excellent books on the market and in the public libraries which offer primer courses in the understanding of music. The only objection to learning music from a book lies in the fact that the book can't play the music it is talking about. It can quote measures, but if you can't read music, this is of little use. "Herein lies the unique advantage of radio; it can offer explanations and at the same time illustrate them. There have been a number of music appreciation programs on the radio already, but the saturation point has been far from reached. An impetus in this direction is furnished by the report that Walter Damrosch has accepted the post of musical counsel for the National Broadcasting Company and has already under way a comprehensive plan for promoting fine music through the medium of radio broadcasting. This plan provides for a series of concerts supplemented by talks which can reach the majority of the 25,000,000 students in American schools and colleges."

Tube to Use.

Since the loudspeaker is connected from plate to plate without a step-down transformer, the loudspeaker should have a very high impedance to take full advantage of the power delivered by the tubes. The internal resistances of the tubes are in series with the speaker, and therefore the speaker should have twice the usual impedance. We cannot change the impedance of the speaker at will to match the series connection, but we can use two speakers in series. But using two speakers is not a practical solution.

It is better to use two tubes which have a low output impedance, e. g., two 371 tubes, the impedance of which is around 2,000 ohms each, requiring a load impedance of 4,000 ohms each. The impedance of the speaker when connected across two such tubes should therefore be 8,000 ohms. Most good speakers are obtainable. Such tubes as the 220 and 112 may be used. The list of parts includes the following:

- T1—One good audio-transformer, ratio 6 to 1.
- R1, R2—Two .5 megohm grid leaks (Lynch).
- R3—One .5 megohm potentiometer.
- L1, L2—Two audio-frequency choke coils or transformers.
- One double mounting (Lynch).
- Two UX sockets.
- Two amplifier tubes of low output resistance.
- Ten XL binding posts.
- One baseboard 4 by 7 inches.

"What is my
present car worth
in trade?"

OCCASIONALLY you hear a car owner say: "I'm going to buy such and such a new car because the dealer has offered me the best deal on my present car."

But without understanding the economics of trade-in transactions, you cannot be sure that the largest allowance offered means the best deal for you.

These are basic facts:

- 1 Your present car has only one fundamental basis of value; i. e., what the dealer who accepts it in trade can get for it in the used car market.
- 2 Your present car has seemingly different values because competitive dealers are bidding to sell you a new car.
- 3 The largest allowance offered is not necessarily the best deal for you. Sometimes it is; sometimes it is not.
- 4 An excessive allowance may mean that you are paying an excessive price for the new car in comparison with its real value.
- 5 First judge the merits of the new car in comparison with its price, including all delivery and finance charges. Then weigh any difference in allowance offered on your present car.

Remember that when you trade-in your present car you are after all making a purchase, not a sale. You are simply applying your present car as a credit toward the purchase price of a new car.

GENERAL
MOTORS

"A car for every purse and purpose"
CHEVROLET · PONTIAC · OLDSMOBILE · OAKLAND
BUICK · LASALLE · CADILLAC · GENERAL MOTORS
TRUCKS · YELLOW CABS AND COACHES
FRIGIDAIRE—The electric refrigerator

Victims of Sleeping
Sickness in England

More than 5,000 people have died from encephalitis lethargica, the so-called sleeping sickness, in England and Wales in the last five years, according to an announcement recently made by the minister of health. Health authorities in England are expressing alarm over the encephalitis situation even though the number of cases has been reduced from 5,000 in 1924 to 2,267 in 1928. It has been estimated that about 30 per cent of all cases die, and that 70 per cent of the recoveries show various disease manifestations ranging from mild conduct disorder to complete paralysis. The London county council has made efforts to provide for the treatment of partly recovered victims, but this meets the needs of only a comparatively small group. It has been pointed out to the home secretary that there is need of providing an institution where children can receive special treatment, for its after effects are recognized as a contributing cause of delinquency. Active need of scientific research to combat this scourge is urged.

Tracing Term "Bachelor"

The origin of the term "bachelor" is uncertain. One explanation is that it is associated with the old French word "bachelier," which originally meant a young man.

Of Course

Sue—Is Madge well dressed?
Prue—No, she is—er—well—half dressed.
Men sometimes become wiser as they grow older, but they seldom become less foolish.

If a man of forty thought there was anything worth staying up late for, he would.

Investments, like charity, should begin at home.

Great labor is wasted unless wisely applied.

When a man contracts expensive habits his income needs expanding.

BABIES CRY
FOR "CASTORIA"

Prepared Especially for Infants
and Children of All Ages

Mother! Fletcher's Castoria has been in use for over 30 years as a pleasant, harmless substitute for Castor Oil, Paregoric, Teething Drops and Soothing Syrups. Contains no narcotics. Proven directions are on each package. Physicians everywhere recommend it. The genuine-bears signature of

W. N. U., PITTSBURGH, NO. 37-1927.

When Auntie's Ears Burned

London Hostess—I see they are bringing in a bill to prevent antiques from leaving the country.
Young Caller—How annoying! Just as Aunt Jane was making up her mind to go abroad.

Breezy Propagandist

Fozzleton—I met with an awful blow yesterday.
Bozzleton—An awful blow?
Fozzleton—Yes, he said he was from California.—New Bedford Standard.

Love thy neighbor as thyself—but know thy neighbor as thou dost thyself.

Going back to where one "was so happy" always means disappointment. The past is past.



Fresh Youthful Skin
Maintained by Cuticura

Daily use of Cuticura Soap, with touches of Cuticura Ointment when required, will do much to prevent pore-clogging, irritating rashes, roughness and other unwholesome conditions of the skin.
Soap 25c. Ointment 25c. and 50c. Tubes 50c. Sold everywhere. Sample each free. Address: Cuticura Laboratories, Dept. 33, Malden, Mass.
Cuticura Shaving Stick 25c.

ent value with
FLOORS
e more valuable for rental
autiful, permanent Oak
ree descriptive literature.
ORING BUREAU
CHICAGO

heroin
FLAVOR
like
iff's
asses

FACIAL MASK
SKIN TONIC

amazing new preparation
facial mask that quickly
in and restores youthful
complexion! The moist dis-
underful beautifier. Epso,
at his risk. Merely send
to packing, etc., for full
free booklet "Care of
Laboratories, Dept.
Chicago, Ill.

LENEY." Free book tells
land, no, pneumonia
est; no taxes; sick bene-
pt. D. 86, Orlando, Fla.

th Good Record and small
business unique, highly
learned. Few hours work,
money. Dept. K, Chicago.

Wanted to introduce Pri-
Dry Goods, Handker-
Building, Trenton, N. J.

ems. Send in the words
table will send you my
W. Paul Mangrum, 114
esharro, Pa.

His Feelings

lecture on Alaska,
asked one of Mr.
rs., meeting him the
to sit there by the
sle for two hours
off the information
st for me, beat out
as I be."
enough talk," admit-
grudgingly, "but it
y to speak of. Hav-
ill without a chance
for two mortal hours,
worn out afterward,
stern out in the wood-
tern I'd split up a
felt kind of rested
own."—Kansas City

ses Perfected

for ordinary lenses,
with liquid have
a French inventor,
his process an as-
equal to the usual
would cost \$100,000
to complete, may
y weeks for \$1,000.
nce is inclosed her-
surfaces, and the new
in opera glasses,
oscopes.

atty

I could hardly get
is morning.
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ASPIRIN"
ED SAFE

Fear as Todd
Package



ffect
Heart

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tablets you are not
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ons and prescribed
twenty-five years for
Headache
Lumbago
Rheumatism
Pain, Pain
ayer" package con-
ons. Handy boxes
t few cents. Drug-
ents of 24 and 100.

HMA

STHMA REMEDY
t of Asthma
Ask your doctor
this you one dol-
THE SAMPLE
Co., Inc., Buffalo, N.Y.

ELLOGGS
REMEDY

Mother's Cook Book

Every occupation lifts itself with the
enlarging life of him who practices it.
The occupation that will not do that
no man really has a right to occupy
himself about.

SEASONABLE IDEAS

NOW that the mushroom season is
on, it is wise to put up for winter
use the surplus found in the fields.
They make delicious sauces, and va-
rious dishes when served with a few
mushrooms are quite out of the ordi-
nary. They may be spiced and pickled
like any other vegetable.

Mushroom Catsup.

Gather fresh mushrooms and pack
them in alternate layers of salt in a
stone jar. Let stand for twenty-four
hours. Chop fine after standing and
mix well. Let stand for two more
days, then drain. Place the strained
liquid in a kettle and bring to the
boiling point and boil three minutes.
To every four cups of the liquid add
one cup of good vinegar (cider
vinegar is best). Add one tablespoon-
ful of cayenne pepper, three of all-
spice, two of ginger, one of cloves and
one-half of mace. Boil until reduced
to half the amount, then bottle and
seal while hot.

Pickled Onions.

Pour boiling water over small white
pickling onions to loosen the skins.
Peel them, soak in strong brine twenty-
four hours. Wash and place in a
preserving kettle and cover with one
part skimmed milk and two parts wa-
ter. Boil gently for ten minutes. Drain,
wash again and pour into bottles. Fill
with hot spiced vinegar. Seal in the
usual manner. The milk keeps the
onions from turning yellow, it is said.

Scrambled Eggs With Corn.

Take one cup of freshly grated
corn, one cup of milk, one table-
spoonful of finely minced green pep-
per, one tablespoonful of butter and
one-half teaspoonful of salt. Put the
corn, pepper and half of the milk in
a saucepan and cook five minutes.
Beat the eggs and add the rest of the
milk, add to the corn and cook slow-
ly until set. Add butter and salt if
needed and serve on slices of buttered
toast.

Ginger Punch.

Chop three-fourths of a pound of
zanton ginger, add one quart of water,
one cupful of sugar and boil twenty
minutes. Cool and add three table-
spoonfuls of ginger sirup, three-
fourths of a cupful of orange juice,
one-half cupful of lemon juice and
large pieces of ice. Stir until well
chilled and add one quart of apoli-
paris water.

Neelie Maxwell
(© 1927, Western Newspaper Union.)



"I hear men in Paris are wearing
dark brown evening clothes," says
Heno Ritzl, "over here dark brown
is a matter of taste."