

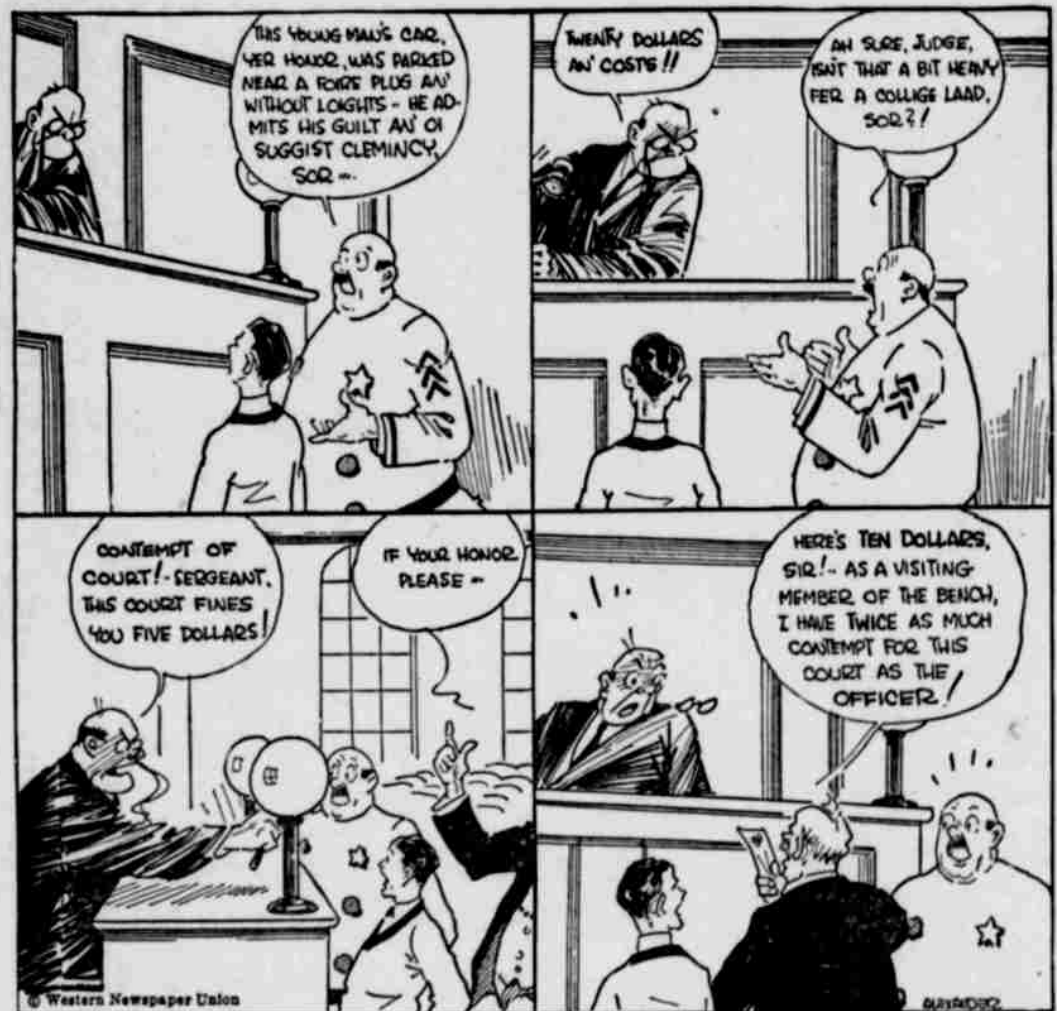
OUR COMIC SECTION

Doing His Best



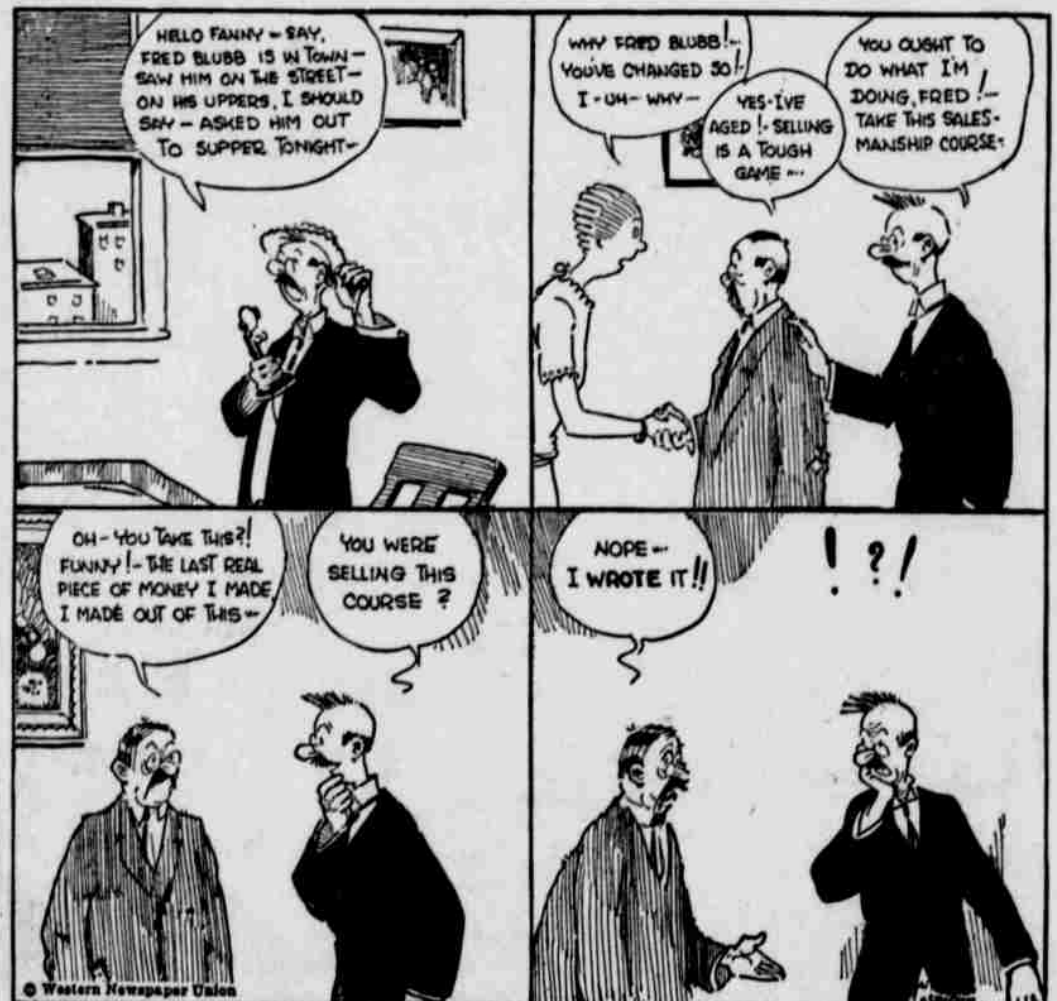
FINNEY OF THE FORCE

Nnyaa! Nnyaa! Yer Honor!



THE FEATHERHEADS

A Strong Endorsement



RADIO

Six Things to Remember When Buying Resistors

When you are getting ready the parts list for a new set, power supply unit, or power amplifier, don't pass lightly over the fixed resistors. Compared to some of the larger and more pretentious apparatus in the circuit, two or three small resistors may seem relatively unimportant. But they're not!

Remember that in equipment such as an eliminator or power amplifier, the resistors determine in the final analysis the performance of units of this type. A resistor is the gate to control the flow of current. Inaccurate, poorly made resistors mean at best results not so good as those to be had with permanent, well made accurate resistors.

Keep these six buying points in mind when you purchase fixed resistors. If a resistor meets them all you can be sure of permanent performance.

1. A resistor should be unchanging in value, regardless of temperature or of load imposed on it within its watts dissipation rating.

2. Purchase permanent value. That is, buy a resistor you know will not depreciate and affect the value of radio apparatus which may represent an investment of hundreds of dollars.

3. Buy an accurate resistor.

4. Look at the joints of the resistor. Oxidization of the resistance wire will occur unless joints are carefully sealed and permanently protected from all atmospheric action.

5. Buy resistors that are free from capacity and inductance characteristics. A resistor should be a resistance, not a condenser or a coil. If it has capacity or inductance, it may affect your circuit.

6. Get resistors which won't crack or deteriorate under long usage.

Fixed resistors are important—and it's no harder to find the type you want that conforms to the requirements above than it is to get one that's half as good.

No Neutralization With New Shielded Grid Tube

A tube with a theoretical amplification of 240 and a practical amplification of 90, when used in the proper circuit design, has been recently developed.

This tube is known as the shield grid type 122, requires no neutralization, and, therefore, cannot oscillate when used in the proper circuit. Its practical amplification factor is 90, as contrasted with an amplification factor of 8 in the present style of tubes which the market affords.

Its introduction at this time casts aside what has been an almost insurmountable barrier in the development of radio, for despite all of the research and ingenuity expended in circuit designs, the stumbling block heretofore has been the tubes available. With the new tube in the hands of manufacturers and experimenters, it is not difficult to realize that the ideal radio set is much closer at hand than ever before.

Good Battery Cheapest for a Good Radio Set

Cheap dry batteries generally are short-lived and fail to render good service even during this period. The cheapest battery in the long run is the most expensive in the first place. Good materials are essential to produce good batteries—heavy seamless zinc cans, for instance, instead of flimsy, solder-seamed cases; good chemicals, with the muslin bag construction instead of the crude wet blotter; proper insulation between cells in the assembly of the block, and so on. It pays to buy a good battery at any time.

Never Place a Charger Near "A" or "B" Battery

Never place a charger using a tube near an "A" or "B" battery lead, because the heat emitted by the tube will in turn heat the plates in the battery. This will buckle the plates, loosen the material in the grids of the plates and may start the solution boiling. In other words, it will have the effect of either shortening the battery or reversing the charge, both of which are injurious to the life of the battery.

Rheostat, Grid Connections

The rheostat should be connected in the negative side of the filament battery and the grid return of the tubes connecting to the negative "A" battery, or the negative "C" battery if more than 45 volts are used on the plate of the amplifier tubes.

Aerial Receives, Transmits

A wireless invention enabling messages to be received and transmitted simultaneously on the same aerial has been perfected by Dr. Gabriel Veyre of Casablanca, Morocco. The invention already has been tested with extraordinarily satisfactory results.

Radio Reception

Radio reception is sometimes improved by having the antenna face a different direction than its present position. This applies particularly to long-distance signals.

The Cream of the Tobacco Crop



"Luckies never cut my wind" says Billy Burch, Captain of N. Y. Americans' Hockey Team

"I can't afford to take any chances with my physical condition. That's why I stick to Luckies. In addition to the pleasure I get from their fine flavor, they have never cut my wind to any noticeable degree. Finally, I never suffer with sudden coughing which might be very dangerous for me when there's a scramble on the ice."

Billy Burch

"It's toasted"

No Throat Irritation—No Cough.

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Carter's Little Liver Pills
Purify Vegetable Laxative
Carter's Little Liver Pills relieve the bowels free from pain and unpleasant after effects. They relieve the system of constipation poisons which many times cause a dull and aching head. Remember they are a doctor's prescription and can be given with absolute confidence to every member of the family. All Drugstores 25c and 75c Red Packages.

CARTER'S LITTLE LIVER PILLS

Skyscraper Roundhouse

As a solution of the automobile parking question, a Western inventor has devised a skyscraper roundhouse for storing cars. It is simply a large spiral with wide passageways for running the autos up or down, and with storage space for many machines on each floor. The spiral has an easy grade, requiring little effort to ascend, and exits may be made in safety.—Popular Mechanics Magazine.

The Old Rascal

"I want you to make a correction in your valuable WJ paper," said Joshin' Jim Joppies to the editor of the Clarion the other day. "I'm frankly afraid o' war and hereafter I wanta be called a battle scared veteran. More than once—and this is true o' many a soldier includin' the bravest—I should 'a' been decorated for pallor." —Farm and Fireside.

Took the Count

An old offender, being tried before the bench, was accused of assaulting his wife. "Liquor?" asked the magistrate. "No," answered the prisoner, gloomily, "she licked me!"—Australia Humor.

Looks Suspicious

Bank President—Why won't you leave a deposit with our bank? Man—I will if you make your cashier take off his hat.

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FLORESTON SHAMPOO—Ideal for use in connection with Parker's Hair Balsam. Makes the hair soft and fluffy. 50 cents by mail or at drugstores. Illinois Chemical Works, Piquette, N. Y.

PISO'S Coughs
Quick Relief! A pleasant, effective syrup—35c and 60c sizes. And also, normally, use PISO'S Throat and Chest Salve, 35c.

W. N. U., PORTLAND, NO. 6-1928.

Team Work

To comply with the law, all studios have schools for the children who work in the various productions. At Fox's recently, there were two arches who did not take kindly to lessons between scenes. Often they had to be rounded up and sometimes could not be found at all. The climax came one day when the teacher found this note on her desk: "Jim can't come to school, heez got the belank. Im helping him."

Keep Fit This Winter

Your Kidneys Must Function Properly For You to Be Well.

WINTER is hard on the kidneys. All too often colds and chills upset the action of the kidneys and allow poisons to remain in the system. That's why winter finds so many folks achy and tired; with backache, headache, dizzy spells and scanty, burning kidney secretions. Doan's Pills, a stimulant diuretic, increase the secretion of the kidneys and aid in the elimination of waste impurities. Are endorsed by users everywhere. Ask your neighbor!

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