# COULD HARDLY STAND AT TIMES

Hips, Back and Legs Would Have That Tired Ache



p and around, but you do not ree good.

Lydis E. Pinkham's Vegetable Comound is a medicine for women. It is
specially adapted to relieve the cause
t the trouble and then these annoying
sins, sches and "no good" feelings

### 'Vaseline" Carbolated Petroleum Jelly

is an effective, antiseptic first-aid dressing for cuts, wounds and insect bites. Ithelpsprevent infection.

CHESEBROUGH MFG. CO. State Street



**Gray Hair** 

No Soap Better For Your Skin-Than Cuticura ap 25c, Ointment 25 and 50c, Talcum 25

## **Help Wanted**

WANTED: Male help over 18 for automobile machine shop and assembly work. Experience not necessary, Ideal living conditions in best resort town on Lake Michigan.

Continental Motors Corp. Muskegon, Mich.



# TOO LATE

Death only a matter of short time. Don't wait until pains and aches become incurable diseases. Avoid painful consequences by taking



Look for the name Gold Medal on every ben W. N. U., DETROIT, NO. 23-1922.

## Wolverine News Brevities

Filmt—Judge Joseph & Moynihan, of Detroit, was re-elected state deputy of the Michigan State Council of the Knights of Columble at the twenty-ninth annual convention here.

Kalamazoo—With 20 additional instructors, Wostern State Normal School will open its ulneteenth annual summer term June 26. The summer course will continue tor six weeks.

mer course will continue tor six weeks.

Fontac—On his way to a dector's office, Frank C. Rifenon, of Fontac, slipped and ifell down a flight of stairs and is suffering frim concussion of the brain. Fears are entertained for his recovery.

Lansing—State medical laws will be discussed at the annual convention of the Michigan Chiropractors' Associations here June 9-11. A school for chiropractors will be conducted. About 300 are expected.

Hilladale—Fred D'Melay, postmaster of Hilledon, bar received notice the secretary of the National Association of Postmasters that he is one of four postmasters that he is one of four postmasters selected to act on the membership committee.

Muskegon—A juny in Circuit Court awarded Mrs. Barbara Byrna widow. Peter Dargis, a weathy Muskegon contractor, for breach of promise to marry. Mrs. Byron sued for \$10,000.

Sand Asker-When he opened the

marry. Mrs. Byron sued for \$10,000.

Sand Lake—When he opened the Sand Lake Exchange Bank to get some flags to be afsed in a Memorial Day parade, Frank, Shattuck, president of the bank, found robbers had entered during the night and stole \$135.

1315.

Lansing—Proneer residents of Michigan, many of whom have had a hand in the past or present development of the state, gathered here to attend the forty-eighth annual meeting of the Michigan Proneer colety.

Kalamazo—A demand that raifrod crossing pridection he provided by the

Kaiamazob—A demand that raifrond crossing protection be provided by the Michigan Central Raifroad at, every crossing in the county will be made by Marvin Schaberg, city attorney, at the request of the Kaiamazoo city commission.

Traverse City—A ban has been placed on women vearing knickers on the streets of this city by Mayor J. Swanton, who has given Chief of Police Blackes instructions to arrest any girl or woman on the streets in knickers. The morals of the present generation of loops are being attacked. Swinton said, "and I propose to see that they are no longer tempted by immoral dress."

by immoral dress."
Cadillac-Joseph Widgren, of this city, was driving his automobile up the Glen Garry Hill, 30 miles west of here. At the top of the hill, the automobile pulped of the hill, the automobile pulped from the roadway and rolled down a 10h-foot embankment. The machine turned over three times before it reiched the foot of the embankment, where It crashed against a stump. Widgren was removed from a stump with a stump was removed from the work of the prohibition have must contain some positive information instead of "nformation and helief," according to a decision of Judge C. M. Browne. of the Saginaw circuit court, handed down in the case of Fred Rohn. of Josesfield township, who was being tried on a charge of possessing liquor. Grand Rapids—Although the 10 per cent reduction in freight rates, announced several pays ago, will have no bearing on the rate heating before the Michigan public utilities commission. William A. [Salter, truffic manager of the Association of Commerce, declares it will benefit business generally in wedstern Altelians and the stops in prevent the dependent poor of the city from buying gasoline for their automobiles. According to a report to the council, supposedly destitute, families have recoved the stump of the stump of



## INSTRUCTIONS FOR TROUBLE SHOOTING

How to Detect and Remedy the Open Circuit, Short Circuit and Leakage.

and Leakage.

Radio circuits are subject to the same ills that the ordinary power circuits are subject to. However, to cure them is not such a diment that as might be supposed, especially if some logical procedure is used for the arcetter is swell as contacts and where parts gone over once in a while, there is no reason why there should be eny trouble. But the human being is prome to err, so that for the "once in a while" that is lable to happen, this article will be devoted to the explanation of what might beppen to a simple receiver and the best way to fix it.

to fix it.

The usual troubles of the receiver full under one of the following three

The usual routies of the receiver fall under- one of the following three headings:

—An open circuit,

3—Lenkuge,
An open circuit can most ensity be detected by means of a series lump. Nearly every one has available the ordinary 110 volt lighting circuit. Take an ordinary extension cord and cut one wire at any convenient place and use these two ends as test clips or tips. The extension cord is plugged into the house lighting circuit at any convenient outlet and when the two cut ends are held together the limin will light as the circuit is closed, when the tips are held open the circuit is "open" and the light will go

out.

Suppose it is desired to test for an open circuit in a tuning coil. Connect one tip to one end of the winding and the other test clip to the silder. As the



Testing the Tune Circuit.

Silde is moved back and forth the light should remain lighted. If the light goes out at times there is an open circuit in the coil. If the light goes out when the coil is jurred the silder does not make good contact with the winding.

If buzzer and battery are avail, able they can be used in testing for the lamp could be studied to the battery and buzzer in series with the battery and buzzer and battery, and buzzer and battery are avail, alon to use the house-lighting circuit to test for grounds because one side of the lighting circuit is already grounded and if the other side were connected to the ground a short circuit would exist and an excessive current flow.

If the ground wire is connected to the water plac, connect one test tip to the water plac, connecting the water place, connected to the ground a short circuit would exist and an excessive current flow.

If the ground wire is connected to water place, connecting the water place, connecting the water place, connecting the water place, connecting the water place, connecting to the water place, connecting the water place will be placed to the water place, connecting the water place will be placed with the power that park water will be power that water will be power that park water will be power that water will be power that park water wi



In through the wall, insulate it well and inside the station use as short a plece of well-insulated wire as is pos-sible to make good connection with the

and inside the station use as short a piece of well-insulated wire as is possible to make good connection with the set.

To test the continuity of the circuit of a pair of telephone receivers, touch the tips of the cord phone to the tongue. If the receivers are in reasonably good condition a slight click will be heard. If the response in one receiver seems to be weaker than that in the other, examine the disphragin properly good to the continuity of the circuit of a due receive if this port toward the pole piece. Try tuning the disphragin over if such is the case. Be careful when the disphragin of a receiver is removed that the leads of the writer from the magnet spools to the content blocks do not become broken in handling.

If the continuity of the circuit of a pair of telephone receivers is checked and no response is heard when the cord tips are touched to the tongue.

The two receivers are connected in the condition of the property cannot be serviced the property cannot be service there is a possibility in the first problems of the property cannot be service there is a possibility in the property cannot be service there is a possibility in the property cannot be service there is a possibility and years of the property cannot be service there is a possibility in the property cannot be service there is a possibility in the property cannot be service there is a possibility in the property cannot be service there is a possibility in the property cannot be service there is a possibility in the property cannot be service the property cannot be service there is a possibility in the property cannot be service the property cannot be serviced by the property cannot be servi

TIPS TO THE RATIOIST

TiP6 TO HE RALIOIST

The highest the as all the gronger the spins An berease of five to ten feet in the height of the fine try neril a sill increase signally. Addition of a variable condenser to the accondary for the primary of a loose grouple often helps to tune but the minestered signals. The siderers are to the signal strength in the side of the signal strength is lost. For the siderers are the side of the siderers are the side of the signal strength is lost. For the siderers of the side of

series and to effect either one sep-arately, short elevalt the tips of the card heading to the other receiving a consistent of the other receiving a consistent of the other receivers a substant of the series of the cord, short direct both receivers where the cord enters the case and with a buzzeri or lamp connected to the tips on the lend of the cord test for an open circuit. \*\*

Care should be exercised by the operator when adjusting a crystal de-tector to see that his fingers do not touch the surface of the crystal or the contact point of the little spring. The

tector to see that his ungers to hot out the surface of the crystal or the contact point of the little spring. The conservation of the secretary that together with the dust that it collects will render a crystal detector inoperative by the insulating lim that it was to form, on the portion of the crystal surface, but is touch ead, so the surface of the crystal get dirty as evidenced by the receipt glands becoming weaker and vaker, thy cleaning the crystal with bloods and little brush. Of it this do so not seem to remedy the trouble, chip's fit old surface, so that and entirely Two surface is presented to the spring.

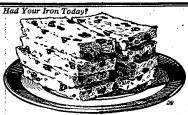
### AMATEURS SHOULD PLAY FAIR

Radio Inspector Schmidt Orges That
They Learn the Laws and
Regulations.

Nine out of every ten rath fons are

## HOW TO GROUND AN AERIAL

Had Your Iron Today!



# Lèt's Have Raisin Bread Tonight

HOW long since you've had delicious raisin bread—since you've tasted that incom-parable flavor? Serve a loaf tonight. No need to bake it.

Just telephone your grocer or a bakery. Say you want "full-fruited bread — generously filled with luscious, seeded, Sum-Maid Rasisns."

The flavor of these raisins permeates the loaf. A cake-like daintiness makes every slice a treat.

Serve it plain at dinner or as a tasty, fruited breakfast toast. eakfast toast.

Make delicious bread pudding with left-

Use it all. You need not waste a crumb. Raisin bread is luscious, energizing, iron-food. So it's both good and good for you.

Serve it at least twice a week. Start this good habit in your home today.

But don't take any but a real, full-fruited genuine raisin bread.

Your dealer will supply it if you insist.



## Sun-Maid Seeded Raisins

Make delicious bread, pies, puddings, cakes, etc. Ask your grocer for them. Send for free book of tested recipes.

Sun-Maid Raisin Growers

Membership 13,000 .
Dept. N-2-3, Fresno, Calif.

It to the lattery searchlight meanicadily. Improved until remarkable some time ago there was detailed as some time ago there was detailed as sometime ago there was detailed as searchlight of 500 feet range of searchlight has been fatroitized with a range of 2000 feet up to half a mile, operating on six voits. Equipped with a seven and six voits. Equipped with a seven and one-half inch adjustable focus, single shell reflector, on a recent photometer test one of these searchlights gave 455 candlepower.

The combination of a nitrogen-filled transpler in lamp and a correctly definition of the searchlight and the search of the se

For Falling Hair.
"My hair is falling out," admitted
the timid man to the chemist's assistant. "Can you recommend scinetiling
to keep it in?"
"Certainly," replied the obliging
young man, who had only recently
tet school. "Here is a tuee cardboard
box."—Pearson's Weekly.

POWER IN THIS FLASHLIGHT

Continued Experiments Have Resulted in Development of a Really Remarkable Article.

From the pocket flashlight operated by two or three dry cells of minute size the hartery searchlight has been steadily. Improved until remarkable results are obtained.

Some time ngo there was devised a searchlight of 500 feet range operating on six or cells to you. More peratine on six or cells to you. More

example:

"The man is a prevaricator."

"Do you think that statement illustrates the meaning of euphonious?"

saked the teacher.

"Yes, indeed. It has a much more pleasing sound than to say, "The man is a liar."—Judge.

Have something to say. Say it Stop talking.

# Let the children share

served; every reason to invite every member of the family to join in the enjoyment of this wholesome, satisfying drink

Postum is made from Nature's best grain wheat, and contains nothing to harm nerves or digestion.

You'll greatly relish its full-bodied flavor and aroma.

Your grocer has Postum in two format Instant Postum (in tins) made instantly in the cup by the addition of boiling water. Postum Cereal (in packages of larger bulk, for those who prefer to make the drink while the meal is being prepared) made by boiling for fully 20 minutes.

## Postum for Health "There's a Reason"

Made by Postum Cereal Company, Inc. Battle Creek, Michigan

