A Stitch in Time

Saves Nine

When the first stitch goes

then is the time to repair

the garment. Don't wait

until the whole seam rips.

It is the same with buildings and all surfaces that need protection from wear or weather. At the first sign of wear or decay use paint. It will save you dollars in lumber and repairs later. By applying Crown Diamond Paint promptly and frequently you are

and frequently you are money in pocket.

McARTHUR, IRWIN

MONTREAL

Save the surface and

TOOKOB STUDY SPORTS

JUNIOR BRITISH WHIG

BIGGEST LITTLE PAPER IN THE WORLD

HUMOR PLAY WORK

STORIES ABOUT DOGS YOU KNOW :.

THE NEWFOUNDLAND-

LIFE SAVER The Newfoundland dog is a whole life saving station in himself. The water is his natural element, and pulling people out of it is second found. nature with him. Every one knows Landseer's famous picture. "A Distinguished Member of the Royal Humane Society". The noble looking dog pictured is a Newfoundland.

webbed much like those of a duck,



which makes him especially fitted to dog. plunge in the water and go swimming off at the call of a drowning

An Intelligent Dog

The Newfoundland is also noted for stands about 27 inches high and his persistence. When he is told to weighs usually 100 pounds. He moves do a thing he does it. A man in with a sort of swing, giving him a Buffolk, England, had a fine New- slightly rolling gait. foundland that was very intelligent. One day the dog's master and a is flat on the skull. His muzzle is friend were riding in the country, short, clean-cut and rather square in with the dog following them. The shape and is covered with short, fine master bet his friend that he could hair. His ears, which are without put a shilling under a stone, ride on fringe, are small. His eyes are small,

So he got off his horse, found a tinge of bronze or a sprinkling of large stone by the roadside, and put white on the chest and toes. The her comfortable while Frank hurried to watch. They drove on three miles coarse texture and of an oily nature notify her parents. and then he told the dog to go after especially suited to shedding water. the shilling. Away went the dog. The Newfoundland is a coast dog. They waited and waited, but he did He'd rather not be a "land lubber"

ANSWER TO

YESTERDAYS

PUZZLE 15

SUNSHADE

SHADE

SHIP

SAIL

SHORE

SUN FLOWER

SAND

not return. His owner was disappointed, and they rode on home. Late that night the dog returned, bringing with him a pair of trousers. in the pocket of which the coin was

Appearance of the Dog

dark brown, and wide apart.

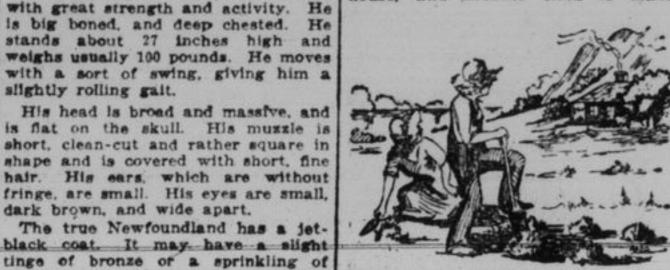
NAME THESE FLOWERS

IN DOROTHY'S GARDEN

He Makes Good His master investigated and found that the dog had gone back to the stone, but it was too heavy to lift. He waited until a man came along, The feet of the Newfoundland are then howled to get his attention. The man moved the stone and put the coin in his pocket and rode on. The dog followed him to his house, and walted until he went to his room. The door was open, so he stole in and seized the man's trousers from the chair as soon as he was asleep. The Newfoundland looks like a very flerce dog, because of his size, but he is really affectionate, nice-tempered,

the nearby summer resort. developed especially on the island of falling down the hill. Newfoundland as a guard and water

Eleanor and Frank hurried to catch her, but did not reach her before she had suffered a badly wrenched ankle. They carried her into the This dog impresses any one at once house, and Eleanor tried to make



shilling under it, calling to his dog fur is flat and dense, being of a to the hotel to get a doctor and to

mother took the spare bedroom. They decided to stay until her ankle was better. Eleanor and Frank decided that with the extra money they were getting for board, they could hire a man to help in the garden and Eleanor could spend her time cooking, which

She needed the time, for friends

When, a few weeks later, their mother returned, Eleanor and Frank ran to meet her gally, and laughed Elsie) "Tumble-Inn."

THE SHORT STORY, JR.

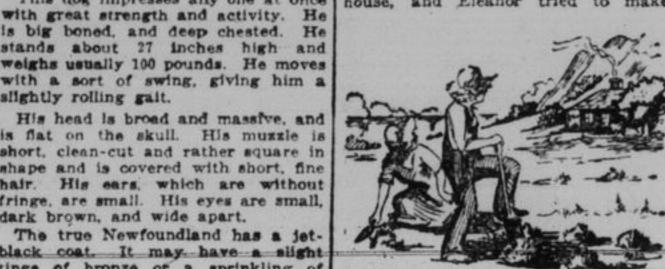
At Tumble-Inn



Frank were keepof several weeks, her away, or she

the garden most needed her care. Their garden was their means of support. They supplied vegetables for the big hotel of

Their house sat down in a little hollow near the river bank, away from the main road of travel. They seldom had any visitors. They were surprised, therefore, one morning when and docile, as well as very sensitive. they were both at work in the garden He is a teachable dog and readily to hear some one calling. They looked up, and a girl waved at them gaily all sorts of tricks. Many Newfound- from the cliff above. They waved back and she started down the hill-The original home of the Newfound- side. Halfway down she stumbled on and was England. He was later a stone, lost her balance, and came



Elsie, the injured girl, and her

of Elsie soon found the secluded little spot. And once they came they came again, always paying a good price for their meals,

at her astonishment when she saw the sign on their door (suggested by

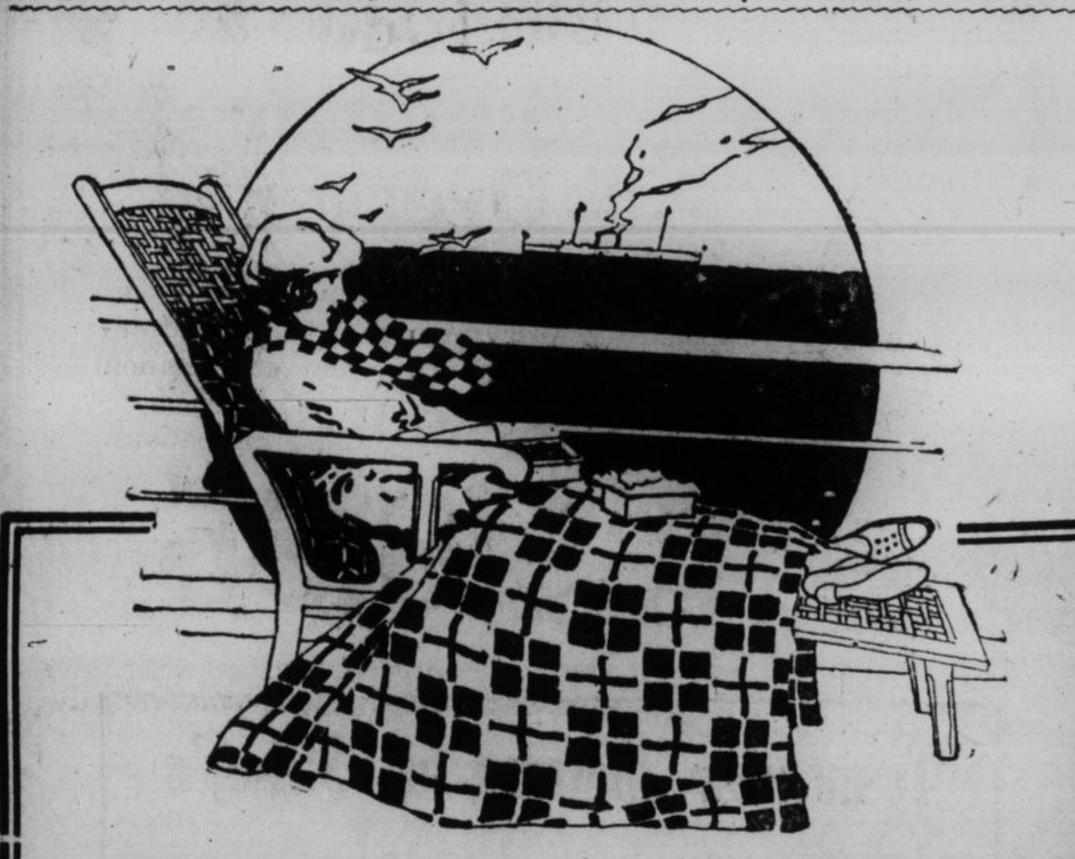
ONTARIO PLANNING TO

points Special Committee for Purpose.

pointment of a special committee of his duties, saw the necessity of bet- commendations. the legislature for the purpose of ter hotel accommodation throughout | Part of the plan, if it reaches the considering what steps can be taken the province, and, secondly, by the stage of maturity,

to improve the general hotel accom- [Commercial Travellers' Association, modation of the province, more es- which in a recent deputation, urged pecially the summering districts, a the government to take some steps POPULARIZE RESORTS large scheme for the purpose of at- to better hotel conditions.

tracting foreign tourists is being The special committee of the legisseriously considered by the provin- lature that has been appointed to go Provincial Government Ap- cial government. The birth of the into the question will meet on Tues-"Boost Your Province" idea eman- day next. Members have been selectates from two sources. It was at ed from all groups in the legislature, first impressed upon the mind of and it is expected they will go James Hales, K.C., chairman of the thoroughly into the whole situation Toronto, June 20 .- With the ap- license board who, in the course of and submit to the house certain re-



A Glorious Restful Vacation

For all true lovers of nature who appreciate beautiful rivers, lakes, forests and mountains, nothing offers a greater variety than the trip down the St. Lawrence River. Palatial steamers regularly ply between

Kingston - Montreal - Quebec Saguenay

Every hour you are on deck brings some new delightful experience. The Venetian beauty of the Thousand Islands-the thrill of the Rapids - the lure of the big city of Montreal- the quaint appeal of historic old Quebec, and then the awe and majesty of the Sague-

nay River Canyon with its towering capes Trinity and Eternity higher than

This is the vacation de luxe—the vacation that yields more rest and recuperation and a greater variety of Nature's gifts than you would find in a year's

For rates, reservations and all particulars:

CANADA STEAMSHIP KINGSTON **ONTARIO**

INSTRUCTOR NEW YORK Y. M.C.A. RADIO SCHOOL

THE CONNECTION OF THE HEAD TELEPHONES.

APPARATUS AND DEVICES

By RALPH BROWN, RADIO ENGINEER

A DETECTOR STAND FOR THREE CRYSTALS.

telephones are wound on the permanent magnets in such a manner that a steady current flowing through them will either tend to increase or decrease the strength of magnetism. That is, the telephones have polarity. With some makes of telephones the cord is spotted with different colors on each terminal lead, so that correct connection may be made into the plate circuit of a vacuum tube receiver. If the proper connections are not made the steady current which flows in the place circuit when the tube filament is glowing will tend to degagnetize 'he telephone magnets, and they will become less sensitive.

The highest potential in the plate circuit of a vacuum tube detector, for example, exists at the positive terminal of the plate battery and between it and the plate if there is resistance between those two points. That is, if the head telephones are connected between the plate and the positive battery terminal they are subjected to higher potentials than if connected between the negative battery terminal and one of the 'llament leads. The insulation in the telephone windings is comparatively light, and after the telephones have been worn for " me time moisture may collect. If the windings are subjected to high potential it is conceivable that the insulation might be broken down. With the ordinary "soft" detector tubes this potential may not be sufficient to do damage, but when "hard" tubes age used it may possibly. It is best to be on the safe side and connect the telephones in the low potential part of the circuit be-

It is frequently found desirable

by the radio experimenter to have

more than one crystal available

for quick changes from one to an-

other. The cup of the detector

by the province in advertising the

province. It is pointed out that many

milMons of dollars are lost to the

province each year owing to the

fact, that people are not aware of

the opportunities Ontario offers in

the way of recreation and healthful

Government officials who favor

the plan point out that the state of

Maine, which is many times smaller

than Ontario and which has not by

any means the natural playground

very successful advertising campaign

last year which resulted in a net

revenue of many hundreds of thou-

sands of dollars to the individual

residents of the state. That is the

real object behind the plans of the

At the present time the Ontario

government has two parties out sur-

veying two of the Ontario counties

famous for their lake and summer

resort regions. One party is work-

ing in the Kawartha lakes district

and the other is further east in the

Thousand Islands territory. Photo-

graphs and general information are

being compiled with a view to placing on a better footing the tourist

by the establishment of government

generally better conditions as the re-

the first step in the right direction

would be the inauguration of a gigan-

tic advertising campaign which

To make married life a success

should attract the tourist.

right itself. They feel, however, that covered.

government of Ontario.

business of the province.

facilities of Ontario, carried on

with the editor by mail?

stand shown is really three cups in

The magnet windings of head | tween negative battery terminal and filament. The telephones must, of course, be of high resistance. As has been

stated in a previous article the resistance is only incidental to a large number of turns of comparatively fine wire, so that the greater the number at turns the higher is the resistance. It is the number of turns which counts, since it is the product of a small current and a large number of turns which results in the necessary magnetizing force to properly operate the telephone diaphragms. The current is always comparatively small, since the apparent resistance between the plate and filament of the tube is high. As a matter of fact, the phone windings have resistance, plus the effective resistance of inductive reactance to alternating or fluctuating currents in the plate circuit. The two combined result in an effective resistance termed "impelance," which increases directly with the frequency of the fluctuations. The frequency passing through the telephones is comparatively low since the windings have too nigh impedance for very high frequencies. However, it is necessary for best results to have a pair of telephones whose impedance at the average voice frequency (in railo telephone reception) is equal to the plate-to-filament internal resistance of the tube. This is the familiar problem of having the load resistance equal to the internal resistance of a generator or battery. It is really, then, not so much the resistance as it is the impedance of the telephone receivers which counts. Ordina-ily, this impedance at an average voice frequency of 800 cycles should be around 22,000

one piece, each with a clamping

screw. For example, galera might

be used in one cup, silicon in an-

other and iron pyrite in the third.

The wire point can be quickly ad-

of the three crystals.

justed upon the surface of any one

As shown in the illustration.

there is a bridge of nickel plated

brass whose feet are secured to an

insulating base of molded compo-

sition. Another nickel plated brass

piece is secured to the top of the

bridge by machine screws, so that

it may be removed if desired. A

nickel plated red, with an insu-

lated knob or handle at one end

and a holder for the wire at the

other, passes through a sleeve, so

that it may be raised or lowered when adjusting the detector. The

sleeve has a ball, so that a ball joint arrangement is secured which permits of moving the rod about to find sensitive spots on

Two binding posts are mounted on the insulating base for connecting the detector into a receiving

circuit. The appearance is very

good, and the device is certainly

KING CROESUS FOUND

Greatest Archaeological Dis-

Covery in Ten Years Made

by American Scientists.

New York, June 20 .- Thirty gold

coins belonging to the first series of

gold coins ever minted have been un-

earthed by American archaeologists

who are working on the buried ruins

of Sardis, the ancient Lydian capital

in Asia Minor. Fifteen of them may

come to the Metropolitan Museum of

the last King of Lydia and the first

great international banker, whose

name has been a symbol for wealth

The coins were minted some time

between 561 B.C., when Croesus as-

cended the throne of Lydia, and 546,

when he was captured by Cyrus, the

Persian king. Some of the thirty

"staters," as they are called, are as

bright as new-minted pieces of Unit-

ed States gold money. They are

lighter in hue, as they are of pure

Before this find, which is consider-

ed one of the greatest archaeological

News of this discovery was

Columbia University, one of the

Many other interesting relics of

for nearly 2,500 years.

The fact that so many owners of discoveries in many years, there were what would be beautiful resting only five "staters" known to be in

places for touring motorists on main existence. Four of these were so

roads place "trespassers will be pro- rubbed and worn that the lion's secuted" signs on their property is head and bull's head were nearly

one thing that Mr. Hales regrets, and effaced. One was in good condition.

he hopes that this may be overcome These five are in the British Museum.

'parking areas," where the motorist brought to the United States by Dr.

may rest or pitch his tent if he so T. Leslie Shear, an archaeologist of

hotels have not appealed to the in- present at the discovery. The work

stigators of the plan. They feel that is under the direction of Professor

with a proper influx of tourists and Howard Crosby Butler of Princeton.

sult of government inspection that the Lydian, Greek and Roman per-

the hotel situation will more or less lods of the ancient capital were dis-

Up to the present government members of the expedition who were

They are of the coinage of Croesus,

either one of the crystals.

very handy.

A Genid-Run Feeture Will readers interested in these radio articles kindly communicate

expenditure of a large sum of money GOLD COINS MINTED BY

DON'T EXPERIMENT WITH YOUR EYESIGHT Your eyes are far too valuable and precious

LEMMON & SONS

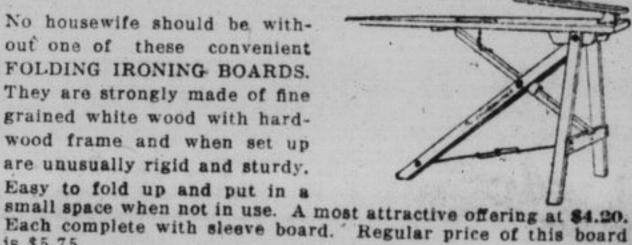
KINGSTON

to risk wearing Glasses selected at random. Ours is a painstaking, dependable, optical ser-

R. ARTHEY, R.O. Kingston's Up-to-date Optical Parlor

Special Sale of Folding Ironing Boards No housewife should be with out one of these convenient FOLDING IRONING BOARDS. They are strongly made of fine grained white wood with hardwood frame and when set up are unusually rigid and sturdy. Easy to fold up and put in a small space when not in use. A most attractive offering at \$4.20

is \$5.75.



Lemmon & Sons

Shawnee Board of Commerce

Shawnee, Oklahoma

YOU EVER STOP TO THINK—

THAT business men in writing ads, should make them read so plainly that the least educated person can read them.

THAT you should not skimp for the sake of a few cents. Don't leave any essential point out of your ads. After you write it, read it over from the standpoint of a possible customer.

THAT you should give your ad. a chance. One or two insertions often bring good returns, but steady advertising will bring steady returns.

THAT your newspapers will co-operate with you at all times in making out your ads; they will give you advice and help you in your endeavor to make your ads bring quick, steady and economical returns.

THAT any honest proposition, business or merchandise can be profitably advertised in your newspapers.

THAT persistent advertising brings good returns.

THAT better business builds a city. Do your share toward building your city, by making better business.

E. R. WAITE.

Secretary,

Shawnee, Oklahoma, Board of Commerce

Horse Killed by Bees, Paris, June 20 .- A swarm of bees

today attacked a horse which was being driven to the market at Trousboth husband and wife must give ir, sey, near Bar-le-Duc, and within sev-

but as every woman feels her hus- eral minutes stung the animal to sects with his coat, was quickly stung hespital. His condition is such as to band should be gallant she lets him death. The driver, who attempted into unconsciousness. When found make the doctors despair of saving to save the horse by fighting the in- by a passenby he was taken to a local his life.