condenser be with a loose couple

This all depends on the size your secondary coil and upon th

wave length that you desire to

than .0005 mfd, capacity in the sec-

ondary circuit when using the crys

Radio Editor-What is the longest

This is at present about 20,00

Radio Editor-Will rainy weather

affect the reception of signals?

A. R. B.

rave length used in commer

R. BLACK, Brantford, Ont.

# On Wings of Wireless

Armom to the radio show; then you may put the car up.

Garrick had been thinkng out a plan

or the installing of the dictagraph. Ip the street from the Inner Circle were

the conversation was lucrative to her.

ick helped him complete the set-up.

As they left the studio house, two men

were passing. One of them brushed uspiciously against Dick with enough

orce to knock the bag he was carrying

ut of his hand. Garrick controlled his emper. Here were the mysterious hadowers again. Were they emissaries

up on the roof and erected the portable

Carefully and deftly he began to tune

up, now that this second installation

was complete. It was rather difficult

took the headgear off, handing it to

Garrick adjusted it, listened for a

Dick smiled proudly. "I think I've made the transmitter about as sensitive

but there was nothing more yet. Who-

ever was cleaning the room finished and

He opened it a crack. It was

"Brock!" exclaimed Dick, who had

Rae had been fussing with the in-terior of one car in the long line in the garage. She was apparently very

busy, but McKay noticed that nothing

as though you'd seen one. What are you doing here?"
"Just looking—to see if there's anyone

"Gee, Glenn, I'm thirsty. Let's go down to the Inner Circle, Will you take me?"

suit his fastidious nature. Vira, with

all her modernity, vivacity and reck-

He tells me that Jack Curtis

Hardening of Arteries

A serious condition which is

relieved when you arouse the liver, kidneys and bowels to

action by using Dr., Chase's Kidney-Liver Pills,

"Surely, Rae. Always glad to relieve

vacuum cleaner in the room.

"Get that?"

shaggy hair-

come over.

to meet her.

about.

the fine adjustment, but at last ne got the right wave length.

He looked up at Garrick, smiled, and

f the gang?

ANTHUR B REEVE

nued From Our Last Issue.) CHAPTER VI. THE WIRELESS DICTAGRAPH. wireless dictagraph? exclaimed Garrick. YOUR wireless "We could use that little mechanical cavesdropper. Where is it?"

have seen the way they settled the porch crowd—and you can count on me as a third. I may be the last, but I hope not the least where Miss Ruth's welfare is concerned." "In my laboratory." Garrick's face fell. He glanced at "I really appreciate your kindness deeply, but—of course I want my little girl. I can't think of anything else. I can't talk over the telephone right; I his watch and then at the sun. "Yes I think we can make it .

Two hours later found them in can't talk over the telephone right; I can't read; I am just incapacitated until was the boathouse on his estate where he had done some remarkable a little while, if I may. I know she We must. Dick's own wireless workshop. It was the boathouse on his estate where he had done some remarkable a little while, if I may. I know she things with wireless. It was true needs some help. If you want me later that Defoe had some wonderful I'll be at the radio show." equipment, but all the equipment in Garrick thanked him, then leaned the world would not have availed over Nita Walden. "We'll have some the world would not have availed over Nita Walden. By the some the world to wirely a world world wirely a world world wirely a world wor the world would not have availed over Nia Wallen. Well have some him if he had not had that spark of inventive genius inherited from his famous father.

Outside he had a big aerial from to take Professor Vario down to the

two steel towers. Garrick looked with admiration at the completeness of the workshop inside; the hacksaws, mitre saws, cross-cut saws, frames, chisels, gouges, files, vises. There were drills, hands, breast, geared and twist, pliers with all sorts of noses. There was wire, copper, iron, aluminum, plain and insulated, of all sizes, flexible insulated wire enough for a supply store. Fibre board and bakelite, porcelain copper, everything at the very finger-



CONVERSATION LUCRATIVE TO HER.

tips of the young inventor. Interested though he would have been at any other time, Garrick urged haste. Dick led him proudly to a table on which was his apparatus.

"So this is the Defoe Wireless Dictagraph," complimented Garrick, picking up the familiar little round transmitter like that which he had used so many times on the wired

As he packed the parts Dick hastily enumerated them, his sending set, batteries, coils of wire, small portable antennae, and the receiving set. They at last had everything strapped in on the rear of Garrick's turnpike they stopped for a moment a microphone as can be made. I only hope it isn't so sensitive that it ricks car and as they swung up toward the

at the Nonowantuc Club.

As Dick hopped out, followed by As Dick hopped out, followed by the house next door."

Guy, there was a suspicious silence Guy, there was a suspicious happens.

They listened in for several minutes, on the club porch as often happens when the friends of an interesting when the friends of account of the preceding conversation factor of the preceding conversation factor night. Silence is Freudian. Dick of the buzzer on Garrick's door sounded. He opened it a crack. It was

winked at Garrick. A buxom old lady, trembling for McKay. A buxom oid lady, trembing to accept the form of the get to Garrick before a group of to get to Garrick before a group of the get to Garrick before a group of the get to Garrick before a group of the Ruth's friends, reached Ruth's friends, reached "What sort of looking man?"

"I didn't know him, sir. Sort of

Garrick-ah-h-h-Mr. Gar-

The flappers won out. They nearthese days. "Hey—Dick! Then Jack Curtis came in a car.
h? . . Guy, have you He didn't stay long; went down town, Where's Ruth? heard how badly she was hurt? . I think." For heavens' sake, get her back here. The place is dead without Ruth." The old lady plumped down in a the garage.

The old lady plumped down mearby chair to listen, actually with nearby chair to listen, actually with escaped her, no matter how slight. He had continued to watch some time.

Suddenly a very rakish roadster drew looked out of the sedan in With a smile on his face, Professor With a smile on his face, rivided by an and Rae looked out of the sedan in Vario of the Radio Central at Rock up and Rae looked out of the sedan in Which she was. When she saw Glenn Buckley in the roadster she jumped out

friendly inquiries. "Going into town?" inquired Vario "Going into town?" inquired "Glenn greeted net smile. "Well, you poor fish." exclaimed Rae. "Well, you poor fish." Exclaimed Rae.

"Yes," observing how Vario was "You must believe in ghosts. You look dressed-"are you?" "I was waiting for the club bus to

take me up to the station. Yes, to the Radio Show at the Seventy-first Regiment Armory. I'm to give a lecture and demonstration tonight of my new wave meter." "Well, jump in."

"Well, jump in."

The professor was eager to assist them in every way as far as they chose to take him into their confidence. Garrick had met him many times at the club and Dick and Vario had had much in common in their work. He seemed particularly interested in keeping Ruth out of further ested in keeping Ruth out of further harm and very sympathetic toward.

"Surely, Rae. Always glad to relieve a drought and be charitable to my own at the same time."

Rae grabbed his arm and swung up behind the wheel. They were off.

To himself Glenn had had to admit that no one could be bored in Rae's society. No wonder Vira was jealous. But he wouldn't have taken a dozen Raes for one Vira. He didn't like coarseness, and sometimes Rae did not suit his fastidious nature. Vira, with harm and very sympathetic toward Mrs. Walden in her trouble.

However, Garrick did not propose lessness, never was coarse, to discuss much with even Vario and McKay had gone, properly rewarded, on the way he and Dick fell into a and Garrick was pondering over what

on the way he and Dick fell into a discussion of their hobby, especially on Vario's lecture on his new wave meter.

"So many amateurs," explained Vario, "have difficulty in finding the wave length of the broadcasting stations that I have concluded that some simple method of tuning and calibrating the set would clear things up, especially for those who are some distance away from the sending stations. They have weak signals to begin with and must listen in on very nearly the proper tune for the service of the se signals to begin with and must listen in on very nearly the proper tune if they are to get any signals at all."

"I see." nodded Dick. "For that purpose a wave meter is needed. It's sir, soon." informed McKay. "I was to the radio what a pitch pipe is to just talking to one of the polishers in

a piano tuner." "Yes. Mine is simply a calibrated, gave orders to some driver about the escillating circuit and is one of the simplest circuits to build." The protessor launched into a description of his small coil, variable condenser valvemeter phones, and general

hook-up. In town Garrick called up Nita Walden at her apartments on Park avenue. She had got ahead of anything else, and had had Ruth's car towed to a garage. They stopped there a moment, and Pro-fessor Vario's solicitude for Mrs. Wal-den seemed tooffer Garrick the oppor-tunity to get rid of him, for they certainly did not want any strangers about

in what they were going to do.
"But the show," remonstrated Mrs.
Walden, as Vario offered to stay and do anything he could to relieve her anxiety.
"I'll telephone them that I'm delayed. place, a stranger, to go after something at eleven o'clock. He didn't know what was or where it was, but he gave him key, sir."

McKay pointed the fellow, a stranger, out, and Garrick reached into his cket for his ever-ready roll of bills.
McKay seemed really offended, "Mr McKay seemed really offended. "Mr. Garrick-please. I didn't feel right when you slipped me that other five-spot. Mrs. Walden has been so fine me-I've driven her three years-



THE MAN WENT SPRAWLING houses turned into studio apart-ts. He found the caretaker and BACKWARD.

Dick selected and carried up to the and, as you might say, seen Miss Ruth roof the apparatus, and they went as silently as possible across the intervening roofs until they came to the roof the Inner Circle.

Alone Garrick waited. It was now MI

vening roofs until they came to the roof of the Inner Circle.

It was a curious roof. In the center had been built a great concrete box as big as a room. There was no time to investigate that, however.

Garrick fished with a line down the chimney by sounding, until he located the flue to the Pink Room. Then, dangling down, he lowered the dictagraph transmitter until it must have hung a foot from the floor of the hearth back of the iron grill work under the mantel below in the Pink Room.

straight."

Alone Garrick waited. It was now half-past nine. He had an hour and half to watch. As he did so he revolved the two robberies over and over in his mind. Each time his thought led him to the same path. Who was the "man higher up"? Was it Jack Curtis? Or Brock? Might it not be Georges, what, after all, did he know about Georges, since before the war and during the easy violation of selling service men that which was wet?

It was nearly midnight when Garrick,

ack of the fron grill work under the lantel below in the Pink Room.

Meanwhile on the roof Dick had been usy placing his sending set, and Gartick helped him complete the set-up. who had received instructions from

He had evidently been waiting until the streets were sufficiently deserted. Now he drew his car, a big sedan, up to the curb, leaving the engine run-ning, but well muffled, as silent as the sleeve valves could make it.

Garrick dismissed his taxi at the cor ner and began to reconnoitre. To his amazement he saw that he was on the block where was the town house of Garrick picked up the bag himself, ooked significantly at the man, and emarked, "Well, see? Nothing drip-Vira Gerard's family.

It was an added shock when he saw that the car had stopped just in front of the Gerard house, and that the driver As they had been at work on the roof they had determined on placing the receiving end up at Garrick's apartment, which was only several blocks had entered the gate and was fumbling with a key at the door.

Garrick quickened his steps. It was now or never to get let in on this

aptown.

At Bachelor's Hall Dick worked rapidly, for it was now getting dark in spite of the length of the days. He unpacked the receiving end of his wireless dictagraph in the room, then went He mystery.

As he turned in at the gate the man at the door heard him, looking quickly as if expecting him, then, catching a better look, uttered an oath and swung

on him.
Garrick parried and countered. man went sprawling backward on the hit of turf of the little front yard.

At that moment Garrick heard the clatter of feet from across the street and around the motor. But before he could turn, the other man was on him, bearing him down with the momentum

of the rush. He was a husky, but moment in some perplexity, then ex-claimed, "Why, I can hear the whirr of The fellow sprawling on the turf swore again as he crouched up on his hands and knees, waiting to get a hold. Two were more than Garrick could handle, as legs and arms and heads cut thoughts. the turf, getting ever nearer the sharp

pickets of the fence.

## Has Western Ontario Any Perfect Ladies?

VERYONE at some time or other during his or her life uses the phrase "a perfect lady." But do they know exactly what a "perfect lady" is? Do they misapply the term, in other words are there any "perfect ladies?"

wee opportunity.

posite sex.

I notice I have said men, but ladies

A perfect lady never believes she

is perfect, but is so pure and really

be anything else but bubbling over

when trying to live right) that sun-

shine will leave its traces where she

ONE OF THE IMPERFECT ONES

KIND AND LOVING.

In answer to the question in your

paper as to what is a perfect lady I

venture to say that a lady is one

who is always kind and loving, but

firm for all good purposes and ends,

one not given to deceit, but honor-

able and true in actions and words.

one who can dress in moderation, abla

to adapt herself to unpleasant sur-

roundings and bring about an im-

SENSE OF PURITY.

Having an innate sense of purity,

lady will adorn herself in neat and

modest apparel, and not in ethereal

and abbreviated gowns of the presen

day, that are too far from the ground

at one end and not near enough to

itself is suggestive of indecency.

She will never be found dancing in

Being of a lenient disposition, she

habit, and will ever be forebearing

The every-day annoyances and

into each life will never be publicly

lady will scorn to do or say anything

"A PERFECT LADY."

A perfect lady is one whose innate

goodness reflects in every word and

One who can talk with kings nor

ose the common touch, and is im-

bued with a universal love and fel-

who is ever open to receive knowledge, and in association with others

is never condescending; charitable to

loves nature and consequently has a

One whose voice is low-spoken

and sweet, and whose delight it is

to render a service to those less

fortunate and can accept the kind-

ness and help of others with graciusness and not with hurt pride

who is slow to anger, but has suf-

ficient self-respect to assert herself

One who radiates sunshine and can

orld of imperfections; for one who

has the above attributes be she rich or poor, is verily a lady indeed.

A SUBSCRIBER

**Economical** Less Work

No Worry

invariably see the funny side, yet

an weep with those who weep. What more can one expect in

lowship for all human kind.

the frailities of others.

devout reverence for God.

sonality.

COUNTRY MOTHER.

and maternal affection.

Heaven at the other.

The attributes of a perfect lady

D. TERRY.

would do even better than the op-

In histories one reads of "perfect | some of our greatest men began by ladies" who held sway in the courts trying to do their best in the en-But did they possess all the qualities they overcame their difficulties, disthat would justify historians calling advantages and made the most of them such?

Today in every walk of life there are members of the fair sex who are ermed "perfect ladies" by other individuals who come into contact with

Are all these women entitled to bubbling over (because one cannot have the term applied to them or have any of them the qualifications? Before any of these questions can be answered, however, one must find has stepped. out what a "perfect lady" really is. The London Advertiser, having obtained the popular idea of a "perfect gentleman," is now seeking that of a "perfect lady." As an added incentive, The London Advertiser is offer ing \$5 for the best answer and \$1

each for the five next best. All answers must be submitted to The London Advertiser by Wednesday noon, as the contest closes at

MUST HAVE IDEAL. A perfect lady is one who has at all

provement, with a smile to the faces times in her mind an ideal based on of the weary ones, and help to fill Christian principles. This ideal will their hearts with gladness and hope many times confront her in careless Some good mothers are, as stated noments, shame and chide in temptaabove, really ladies. Yours faithtion, and give her strength not to fully, abuse the virtues of a perfect lady. A perfect lady is always refined To be refined, is it not essential that she be mannerly, kind, thoughtful may be summed up under the followand industrious, patient and possess the greatest of all virtues, selfing: Integrity, leniency, benevolence

control? She must command good English, French, German or whatever language she may speak. She must exrcise as well as cultivate each day. wisdom, foresight and knowledge.

A perfect lady proves to be a congenial companion, jolly or sympathetic, as is suitable to the occasion. Loyal to her church ideals, and ballrooms, where the very music friends. One who, in this world of stern realities, finds some one to laugh with, but no one to laugh at. will never be guilty of the nagging A lady does not flirt.

I personally do admire one who and forgiving, especially with the can express enthusiasm, appreciaion and be affectionate, but never familiar, though always gracious. perplexities that are bound to creep If we have in Western Ontario but a few perfect ladies I am sure we flaunted by the ideal lady. With the instincts of true Motherhood eman

have many who, realizing their imperfections, strive day by day to use ating from every fibre of her being, a them as a means to become perfect. A perfect lady observes the con- that will lower the standard of woventionalities, is well groomed and man's greatest asset—Chastity.

self-possessed at all times. Surely one cannot be a Christian or even human and not despise evil sinful, unrefined ways These vulgar habits are not even to be thought of in these letters because the qualifications of a perfect lady action; one who has not to depend on fine raiment and jewels to entower so far above these kind of things that our minds should not be hance her charms, but garbed in calico gown has all the grace of a poisoned or dimmed with such goddess and makes one forget "dress entirely in the charm of her per

Culture and the finer accomplish ments are very well and help us

Radio Editor-I have seen in your

columns that galena was the most sensitive mineral rectifier. I nov see a product called "cerusite" advertised in a paper, and it is claimed it is the most sensitive mineral. They want \$2 per crystal. Would you kindly set me right on this ques-tion? ROMEO,

Chatham, Ont. Personally I do not think there is more sensitive crystal than a good piece of galena. Cerusite may happen to be more sensitive in some

in price.

Radio Editor-If the ammeter in a charging circuit shows 3 amperes, does it mean that the battery is actually being charged at the rate of 3 amperes, or is some of this current being used up in the rectifier? G. F. A.

The current indicated by the meter is the current actually passing through the battery.

Radio Editor- What should crystals than some crystals of galena, but you must take that chance. capacity of the secondary variable

Sometimes rain seems to absor part of the radio waves, thus rendering signals less audible. At othe imes the rain causes leak in th

tal detector.

adio telegraphy?

aerial insulation, thus also weakening the signals. Radio Editor — Will the wave length of an electric light wire used

as an aerial using the new plugs be too high for the broadcaster? This all depends on the capacity of the condenser used. You may have to experiment a little before

the right value is found. Radio Editor-Which of the fold owing honeycomb coil regenerative

circuits is the most efficient? ROY, St. Thomas, Ont. The diagrams that you submit are essentially the same with the excep-tion that the tickler coil in one is located side of the primary, and i the other it is side of the secondary

In the first drawing it is located side of the primary merely for simplicity in drawing. In practice,

Rhubarb Meringue Pie Is Tasteful Dessert

HEN you're at a less for some new dessert some day, why not try rhubarb meringue pie? Here is a tested recipe that will give you a toothsome deli Pour boiling water over rhubarb and let stand five minutes. Drain. Add sugar and

Beat yolk of egg It will take 30 to 40 minutes to

flour to rhubarb and mix well.

TWO AND ONE-HALF CUPS
FINELY-CUT RHUBARB
THREE TABLESPOONS OF
WATER ONE TEASPOON BUTTER

ONE TABLESPOON FLOUR ONE PINCH OF SALT ONE CUP SUGAR ONE EGG

When crust is baked remove from oven and cover with meringue made of the white of the egg beaten till stiff and with water till thick and lemon-colored.
Add to first mixture with butter.

Turn into a pie pan lined with unbaked crust and bake in a moderate oven. It will take 30 to 40 minutes to of beaten white and makes a more tenbake the crust and make the rhubarb der meringue. (Copyright, 1922.)



## So extra delicious With fresh fruits on a hot day

No other food has such an appeal on a hot day as Kellogg's "WAXTITE" Corn Flakes! They win fickle appetites, they satisfy hungry folks! As an extra-summer taste thrill, eat Kellogg's "WAXTITE" with the luscious fresh fruit now in

season. Such a diet is not only ideal from a health standpoint, but it is refreshing-cooling and enjoyable beyond words. Eat Kellogg's "WAXTITE" Corn Flakes liberally

because they digest easily. Let the children have all they want. All will be better for a lighter diet-and free from headaches and sluggish drowsiness.

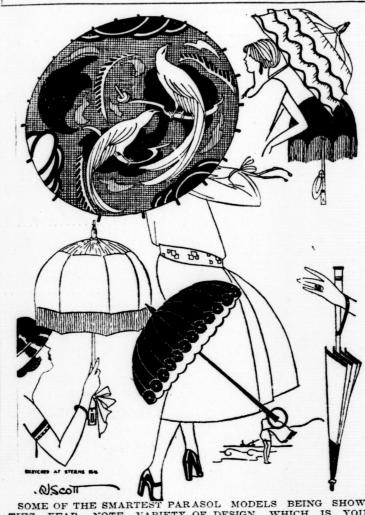


Also makers of KELLOGG'S KRUMBLES and KELLOGG'S BRAN, cooked and krumbled

Follow the simple directions given in the free Recipe Book that goes with every bottle of Certo and you will get wonderful jams and jellies of flavor, color and texture that will be a revelation. You can't fail—for Certo does it Nature's way

Certo contains no gelatine or preservatives. At your

## You Can Pick Parasols From Wide Range of Models This Year



SOME OF THE SMARTEST PARASOL MODELS BEING SHOWN THIS YEAR. NOTE VARIETY OF DESIGN. WHICH IS YOUR FAVORITE?

blooming more riotously and abun- in shirred crepe de chines or tafdantly than ever before.

Something entirely new is the sports parasol, of a very good grade trimming the taffeta parasol, the of cretonne, stretched over the par- scallops being edged with colored asol without a seam and bound on silk of another shade. the edge with ribbon.

Another sports model is called "Tubby." It is very deep and round, times the fringe is a foot or more

looks like ivory, but is not. parasols did not make serviceability walk. or practicability their aim. They

canopy top.

PARASOLS are right now in the The mushroom shape is just what height of their season and are it sounds like, and is best developed fetas in pastel shades. Scallops are a popular method of

A parasol of Nile green accordion These have a natural affinity for plaited georgette crepe looks perthe white skirt and colored sweater ishable indeed, but it has a firm costume, beloved by the athletic girl. foundation of green crepe de chine Fringed parasols are novel-some

and its ribs are covered with silk. in width.

The handle and top, carved like a The new handles are equipped rib. are of white baklite, which bon bracelets, so that the parasol like ivory, but is not. may be carried like a handbag. You Those who designed this season's no longer drag it along the side

You need not have a parasol for achieved the decorative effects for-merly associated with the stage. It is quite the thing to carry a blue rosebud special parasol comes parasol with a pink frock or a green in delicate toned taffetas with rows one with a pink gown. Harmony of roses about the outer edge and and beauty is the only effect you need strive for

## -for delicious strawberry jam so that you can supply the correct amount of pectin to make perfect jams or jellies from any fruit.

WHAT a privilege it will be to enjoy strawberry jam—perfect jam we mean—made in your own home and with only one minute of boiling.

You can have the jam into the jars in quick time-no long hours of hard work—the Certo method does it in quick time. If you were brave enough to attempt strawberry jam the old way, you had to boil nearly all the flavor out of it, leaving an over-sweet mass with sugar flavor uppermost. With Certo you retain the delightful fresh straw-

berry flavor-simply because you don't boil it away. Strawberries contain precious little pectin. Pectin, you know, is the natural element in fruits that makes jelly "jell". Certo is pectin, nature's own pure fruit pectin concentrated in handy liquid form,



### How to make Delicious Strawberry Jam

and economically.

4 level cups (2 lbs.) Crushed Berries 7½ leveled cups (3¼ lbs.) Sugar. ½ bottle (scant ½ cup) Certo. Crush well, in single layers, about

2 quarts ripe berries, using wooden masher, crushing each berry. (Discard all green parts.) Measure crushed berries into large kettle. Add sugar and mix well. Stir mixture hard and constantly. Bring to vigorous boil over hottest fire. Boil hard 1 full minute, continually stirring. Take from fire and add Certo, stirring it in well. From time jam is taken off fire let stand 5 minutes only, by the clock, before pouring. In meantime skim, stir a little to cool slightly, then pour



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