

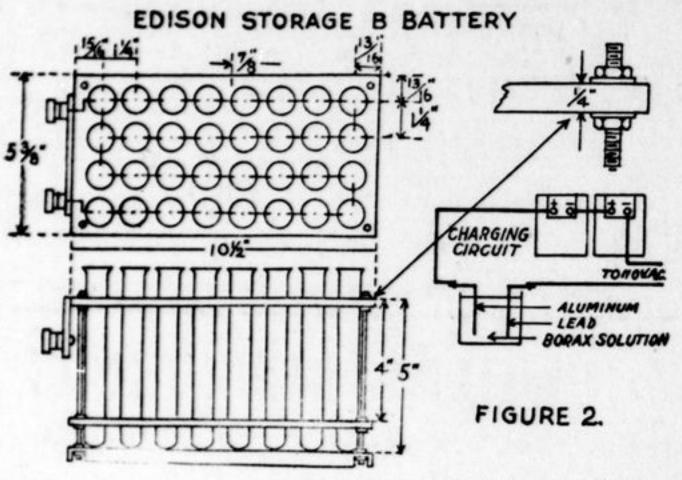
## Edison Storage B Batteries

(Part Two) By R. M. SHERRILL (Radio Engineer)

For the sake of convenience in! handling and charging, it is sugdesired.

A Positive and Negative

Take care to see that there is gested that the storage B batteries one positive and one negative elebe made up into two 48-volt units. ment in each cell. After the elements are in the tubes, thin strips The following data is given for the of mica 1/2x6 inches should be construction of one of these units, worked down between each pair of and as many may be made up as elements to separate them. The



The corner supports for the racks are 5%-inch lengths of brass rod

from your skin and clothing. with the electrolyte, a ¼-inch layer den, we have become a community den, we have become a community at 1,739, while in 1923 they were 14,
In view of the contention of the layer of invalids and sick people in direction of the layer of the contention of the layer of the layer of the contention of the layer of the layer of the contention of the layer of the layer of the layer of the contention of the layer of the laye of paraffine oil should be poured on of invalids and sick people in dire 195, a decrease of 68 per cent. In anti leaders, St. Paul's Church may be considered as having not decided with an 8-32 thread. Nuts and top of the solution in each test tube. In meed of stimulants to bolster up our failing strength and our drooping on what action to take although it.

vides a place for mounting the binding posts.

them (when two units are used) as shown in Fig. 2. The rectifier used, consists of lead and aluminum plates in the profession cannot be question.

the front end of the top rack proshown in Fig. 2. The rectifier used, city—and his integrity and standing in the profession cannot be question.

the medical health officer of the convictions for drunkenness in 1923 the St. Paul's congregation did not reach a decision under the bill and the profession cannot be question. shown in Fig. 2. The rectiner used, consists of lead and aluminum plates in the profession cannot be question. If but one 48-volt unit is shown in Fig. 1. About 26-gauge used, replace the other in the profession dark the present time is exceptionally consists of lead and aluminum plates in the profession cannot be question. If but one 48-volt unit is used, replace the other in the present time is exceptionally consists of lead and aluminum plates in the profession cannot be question, while in Ontario, the convictions were 388 for 100,000 of population, were 388 for 100,000 of population, were 388 for 100,000 of population were 388 for 100,000 of population and of the neighboring districts at the present time is exceptionally good and that we are singularly and letter to the press as compared with bare nickel wire should be used for charging circuit by a 15-watt ingood and that we are singularly and letter to the press, as compared with church union at all," declares Rev. this purpose. If the nickel wire is candescent light bulb. When new-happily free from any ailments or letter to the press, as compared with happily free from any ailments or 204 convictions for drunkenness per elements should now be hung in the quently than they will after a lit- irresistible as it is inevitable that test tubes in such a way that they the use. Batteries similar to these this "medicinal fiction" is indeed

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### RADIO QUESTIONS AND ANSWERS

Mr. Sherrill will be glad to help you solve your radio

on the plates of these tubes.

Am using a two stage amplifier, and | and head-phones.

Ans.—From your description, it is in our midst and that the illicit sale ther than in fact.

#### THE GARBAGE EDITOR (Chesley Enterprise)

tempt of court by Justice Orde, The was elected a member of the Alberta Jack Canuck Publishing Company of Legislature by the roughneck ele-Terente was also fined \$1,000 for ment of Calgary and died while in its comments on the same case in office. which alimony had to be paid,

important parts, but the article as a important as the editorial sanctum. the most gross and flagrant consempts of court that has ever come be to consider what its effect would scious wit: have been had it appeared in an or-

the scavenger business, it presents a remarked: despicable picture, and that is where Jack Canuck has been revelling for "If I had anything to do with years. It fattens on publishing news whisky, beerfi rum or any intoxiof the seamy side of life. There is cating drinks, I should have them all no agent for Jack Canuck in this thrown into the river."

should be shunned. have been found regularly reading river?"

In the course of argument for ed and drunken publisher in Stratcommittal, W. R. Smythe, K. C., said: ford attempted to edit the Chesley "A yellow dog that snuffles his liv- Free Press which was started in oping out of a garbage can is a person p osition to the Enterprise along the of dignity and honor compared with same garbage lines as Jack Canuck, the people who make their money but this clean community wouldn't stand for filthy literature, and the Justice Orde in passing juddment, paper was compelled to sell its plant. remarked: "I think Mr. Smythe As far as goodwill was concerned, characterizes it fairly when he says it hadn't any. Of all business or it feeds on garbage. That is as good professional offices where a man of a characterization of it as one could pure thinking and right living express. I have dealt with the most should be at its head, none are so

Following is a story which apbefore me. Perhaps one of the eas- peared in the "Methodist Recorder." iest ways of arriving at a conclusion and it will be taken as an example as to the nature of the article would of either unconscious or subcon-

As a certain well-known Free dinary, reputable, decent daily Church preacher delivered a ferven sermon on social evils, he came to When a newspaper gets down into the matter of alcoholic liquor, and

town, and if there were one, he In a few minutes, he announced the closing hymn which had been It is surprising how many people chosen by the choirmaster.
who think themselves respectable It was, "Shall we gather at the

# O.T.A.--AND SOME FACTS

front rank temperance dailies:

known, it would be found that there figures as follows. is just as much drinking as ever and that, beyond this, there has sprung up in the land a great body of men who are wantonly and deliberately violating the law, and, inducing others to do likewise, are encouraging a disrespect for law and laws generally.

"Not unnaturally it is extremely difficult to arrive at the real facts of the case, but in the last few days, some revelations in respect of the open sale of liquor have been made that must give all of us pause. We

soft, dry wood with a close grain. preferable to use distilled water for tion. 'What this means he who runs ized" permits. If the same ratio voted for church union by less than imperial measure, Rev. Mr. MacKay say that in the days of the open the total convictions for crime in ered as undecided. bar, it is very much to be doubted 1913 in al the courts of the Domin- Should this turn out to be the gina to the effect that a Presbyter-

tions, the monstrous farce of the 2,530 per 100,000 population. whole thing is apparent on the surthe front end of the top rack pro- them ( when two units are used) as the medical health officer of the

form a complete circuit from one described above have given the fiction and that a great part—by far binding post through the 32 cells writer excellent service throughout the largest part—of the liquor sold just before Christmas was obtained

C. D. P. has the following trouble: probable that the first transformer of liquor goes on apace, we can per-The signals from my receiver have has an open circuit in it. Disconthe enormous consumption of liquor ways believed that the sanest, the when I plug in on the detector tube, winding separately with a battery that is going on in this the 'Dry' Province of the Dominion. "It is to be borne in mind, too, that the great bulk of this liquor

such a sewer sheet as Jack Canuck was hard liquor, and that, relatively or the Calgary Eye-Opener. Robert speaking, there was little demand David Campbell, editor of that vile Edwards, who edited the Eye-Open- for beer or wine. Thus, it would rag known as Jack Canuck, was sen- er which was of the same low order seem, our people are developing a tenced to six months in gaol for con- as Jack Canuck, if not a little dirtier, taste for hard liquors—the most in-

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Thousands of Canadians have found that T.R.C.'s give quickest and surest relief from Pain. T.R.C.'s act directly on the poisons that cause the pain. They contain no dangerous or habit forming drugs. Your druggist recommends them. Send 10c. for generous trial \$1.00 Rheumatism

50c. Headachee Neuralgia SIZE Pains TOO'S TEMPLETON'S For Sale by S. MacBeth and T. M



sincerely that the Ontario Temper- 'Home Brew' permits that have God, for all time. ance Act is now working most sat-isfactorily and producing highly of the Dominion. These showed, as under the present Act than if we beneficial results. Many other peo- we then pointed out—the figures are had gradually continued our policy ple believe, with equal sincerity, official-almost three times as many or education and uplift is a question. for this purpose that the present that the Act is working quite to the permits in this "Dry" Province as The figures that we present here- anti-unionist writ was refore the contrary and that, while superficial- in all the other Provinces put to- with rather point the other way, cou s of Ontario. ly there is less drinking than in gether, and the better to empha- but, point as they may, this one fact They have ridiculed our writ and

ngures as follows.	
Ontario	27,559
Quebec	2.852
Nova Scotia	1.501
Prince Edward Island	130
New Brunswick	209
Manitoba	114
Sackatchewan	3.658
Alberta	865
British Columbia	664
Yukon	5
Total	7.558
	,,000

"That is to say, of a total of 37,558 refer, needless to say, to the astound- such permits in the entire Domining and almost unbelievable fact ion, Ontario has the unenviable discells may now be filled to 1/2 inch that in the two days before Christ- tinction of leading the way with the As shown in the accompanying of the top with the electrolyte which mas, the sales of liquor at the ven- enormous total of 27,559, leaving less sketch, the 32 test tubes are sup- is made as follows: Dissolve 1 lb dor's establishment in Kingston ran than 10,000 for all the rest of the should be made from a piece of sticks) in 5 pints of water. It is much of it for Kingston consumption and the story only of "legal-stood, is the story only

After the tubes have been filled "medicinal" demand—that of a sud-Canada, except Ontario, in 1913 were it. instant that this was a genuine convictions for this offence for all any of the property or funds with washers screwed tightly down This oil prevents the solution from failing strength and our drooping drunkenness were 16,236, while in on what action to take, although it against the top and bottom sides of evaporating too rapidly and also spirits? If any there be who really local to this view we can assure the positions of the 100,000 in England, where prohibition is unknown-and after eight years in Ontario under the Ontario Temperance Act!

"We shall not endeavor to draw any conclusions from these figures, not for the purpose of succoring the preferring to let others do that. But weak, the stricken and the sick, but ity and as a staunch believer in Christmas of Temin all earnestness and in all sincersimply and solely as Christmas Temperance and the Cause of Tem-"Now, this of itself is bad enough, ask the simple question, "Are these but when we emphasize that every figures satisfying to the Temperance W. A. R. says: "My receiver uses all of the connections, batteries, The tubes of the development, since it means that the last work in Temperance?" We do not know what their frequency amplification. I am ushave been tested in a neighbor's set home-drinking, which in many cases the figures which we have presented ing 135 volts on the plates. Is this voltage likely to damage the tubes? Sometimes the signals come in loud-or if I touch the primary binding very token there is a grave danger likely token the grave lik posts of the amplifiying transformer in its use in this direction. When tention of the Government at Toronwith my fingers. How can I locate beyond this, we realize that there are still many well-filled 'cellars' are having Temperance in name ra-

sidious and dangerous kind of drink-ing and chiefly responsible for in-ebriety and all that goes with it. safest and the most efficacious Tem-perance Act Ontario has ever had tions which have voted to enter the union don't know what they The following, from the December 30 issue of The Kingston Standard, is well worth reading. The views expressed should be well weighed, especially by temperance people as The Standard is one of Ontario's front rank temperance decilies:

Whitney, carrying with it the three-fifths repeal clause. Under this Act, and with a vigorous education-al campaign persistently at work coming a really Temperance Property can enter the union vince and a really temperance people as Vince and a really temperance people the fifths repeal clause. Under this Act, and with a vigorous education-al campaign persistently at work coming a really Temperance Property can enter the union vince and a really temperance people the fifths repeal clause. Under this Act, and with a vigorous education-al campaign persistently at work coming a really Temperance Property can enter the union vince and a really temperance people as vince and a really temperance people as a two-thirds vote necessary before vince and a really temperance people as a two-thirds vote necessary before vince and a really temperance people as a two-thirds vote necessary before vince and a really temperance people as a two-thirds vote necessary before vince and a really temperance people as a two-thirds vote necessary before vince and a really temperance people as a two-thirds vote necessary before vince and a really temperance people as a two-thirds vote necessary before vince and a really temperance people as a two-thirds vote necessary before vince and a really temperance people as a two-thirds vote necessary before vince and a really temperance people as a two-thirds vote necessary before vince and a really temperance people as a two-thirds vote necessary before vince and a really temperance people as a two-thirds vote necessary before vince and a really temperance people as a two-thirds vote necessary before vince and a really temperance people as a two-thirds vote necessary before vince and a really temperance people as a two-thirds vote necessary before vince and a real "Yet further: only the other day ple. It was this growing sentiment, have not carried the union question we published in these columns the indeed, that paved the way so easily by the two-thirds vote cannot take Many people believe, and believe figures showing the number of for the abolition of the bar-thank their property with them, and it

> for the people of the Province and the better for the Cause itself."

## CHURCH UNIONISTS **MAY LOOSE PROPERTY**

Two of the racks are used for each this purpose. The above propormay read, since it signifies, estimatholds as to illicit stills in the Pro- a two-thirds vote may find them- says the percentage of votes in favor unit. After the holes have been tions will provide enough electro- ing the cost of liquor at 10 cents a vine, the showing would of course selves devoid of all their property of union will have a great effect. for a few minutes in melted paraf- Be sure to keep the solution away bars were happily abolished for all "If now we turn to another phase of last week by Rev. James MacKay, the members of the church in Onfour and one-half drinks for every the Department of Trade and Com- pass into the hands of the "contin- doubtedly follow their wishes." man, woman and child in the city merce of the Dominion for the year uing church." It is also stated that Mr. Mackay, speaking of the fuof Kingston. Properly to realize 1923, we are confronted with still churches making a decision without ture of the "continuing church," rewhat this means, it should suffice to other disquieting facts. For instance the regulation vote will be consid- fers to activities in the west. A

if all the saloons in Kingston com- ion, except Ontario, were 114,339; case, there are only a few congre- ian Church was to be continued in bined would sell as much liquor in for 1923, they were 85,046, a decrease gations throughout the entire pro- that city and will have a memberan entire month as was sold in these of 26 per cent. In Ontario alone in vince which have yet voted on the ship of at least 500. Committees have two single days immediately preced- 1913 the convictions for crime were question that will be able to take been formed there to effect perma-58,799; in 1923 they were 74,207, an their property with them into the nent organization and steps taken to That of itself is sufficiently increase of 26 per cent. If we re- union. In London only Knox Church appoint four provisional presbyalarming and disquieting, but when duce these figures to a per capita would be affected by the two-thirds teries in Saskatchewan. we remember that not a single drop basis, we find that in 1923 the total vote basis. The South London conof liquor thus recently sold was sold convictions for all Canada, excluding gregation entered the union by a as liquor, but, rather, was sold as Ontario, were 1,453 per 100,000 pop- vote which was 17 less than the "Medicine" under doctor's prescrip- ulation, while in Ontario they were two-thirds majority, and as a result, it may come about that alface. Does any one suppose for an drunkenness, it appears that the will enter the union, it cannot take

the racks hold them in the positions prevents it from splashing out when hold to this view, we can assure them there is nothing to it for we are the form of the f To charge the batteries, connect have it from Dr. A. R. B. Williamson, are: for all Canada, except Ontario, the modical health officer of the are: for all Canada, except Ontario, the St. Paul's congregation did not

will remain with us."

#### Writ Before Courts

Mr. Mackay declared that it was

times past, if the real facts were size this we publish these permit is unmistakable that the present on- said it was just bluff, but they will tario Temperance Act in the opin- find where the bluff is when the ion of many thoughtful people, is by no means the last work in Temperance, and the sooner the real friends only pending now. It can't be exeof Temperance recognize this, and cuted when there is nothing to act devise ways and means to overcome upon, but just as soon as the legisthe present serious evils, the better lation is passed, should it fail to provide for the two-thirds vote, the writ will be exercised."

He also states that he does not see how the House can do anything else but provide for the two-thirds vote aspect, pointing out that this was decidedly the trend of the members when the matter was considered be-

Antis Claim Two-Thirds Majority Is 'They were basing the measure on Necessary. - Case Now Before the imperial legislation, and the

time, that this sale in two single of the situation and refer to the fig- prime figure in the anti-union fight tario vote against the union, and the days in this one city represents the ures of convictions for crimes, in the London presbytery. This House must look on the voice of the equivalent of 100,000 drinks, or about drunkenness, etc., as furnished by property, he declared, would then majority as a mandate and will un-

#### RADIOS RADIOS

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# This Week's Bargain List

Linen Envelopes, Reg. 15c pkg. Bowls, 3 in a set, for ......75c Ladies' All-Wool Cashmere Hose, per pair ..........79c Ladies' Stamped Flannelette Night Gowns .........\$1.39 Ladies' Holeproof Cashmere Hose, Heather Shade, Reg. \$1.50, for ......98c

\$2.25, for .....\$1.75 for .....\$27.50 8-Quart Aluminum Kettles for .....\$1.49 Electric Light Bulbs, 40 and 60 Watt, each ..........25c Cut Glass Tumblers, each 15c Good Quality Envelopes, 25 in pkg., per pkg. .....5c

The Variety Store R. L. Saunders

Steady Savings

# Phone 52 McComb's The Home of GOOD GOODS at LOW PRICES

Quality Goods

# Specials for the Week in Dry Goods

Wool Blankets in Fancy Plaids, Assorted Colors, pair .....\$4.59 Ask To See Our Line of Children's Underwear Priced According to Size. Fancy Bath Mats, each ......\$1.89 Men's Overalls, Blue Stripe, Well Made, per pair .....\$1.75

Bath Towels, Fancy, each ......43c Fancy Comforters, each .....\$4.69 and \$5.69 Shoes, Rubbers' and Galoshes for Men, Women and Children.

# Grocery Specials Quart Bottle Tomato Catsup ......29c

Try a pound of our Orange Pekoe Tea, Reg-Satisfaction Guaranteed in Every Case. 3 Large Boxes Best Matches for ......29c We Can Give You The Best Baking Powder on the Market. Large 1-lb tin ......25c Sunkist Oranges, Medium size, dozen ..39c Best Picked Figs, 2 lb for ......25c Essence Vanilla, per bottle .....9c

Get a loaf of our Bread---10 kinds---Fresh Every Day Order a dozen Fruit Cakes for Saturday. They are delicious.

Right Prices

EVERYTHING CASH A. G. McCOMB

WE BUY FOR CASH AND SELL FOR CASH

DELLICE

**BOY GUIDA** A NE

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Thursday, J.

(By Marjorie B vice Coun

"One boy out is hailed into co Deliquency is energy. After tural instincts we arrest and I ercising his Go spoke Brother Secretary of the Knights of Colt an address befo bation Associat onto last June. familiar plea i loved boys-for

of boy guidance

The relations ily have radic past two gene when the memi practically th while the chilup. Father at gether in the f The Church and factors in the But as rural de way to the h and social and have appeared many cases, ti come separated during most of At the same in the education veloped-the s some extent fi arose with the of the parents The Church

are no longer the life of the Some statistic have already b York City. Al ily typical, th indicative of be encountere continent. Mo of the boys it tween the age are not enrol School at all. any Sunday S to this conside not attend oft any vital impi

Day school what we wou spite of compu-truancy, work applications o to early adole proport on of even of this some of the Turning again