

### Care of The Storage Battery

By R. M. SHERRILL (Radio Engineer)

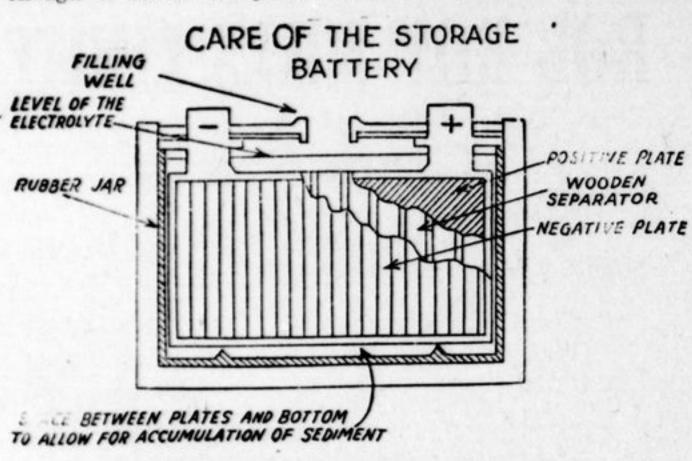
The storage battery is a rather expensive part of the marked strength and at the same ital now stands at \$4,823,400 and the to 102,577, of which 49,363 were Briradio equipment. When the ordinary lead storage bat- efficient services to a much larger added \$150,000, now totals \$2,900,000. and 39,493 from other countries. tery starts to deteriorate, the expense of having it taken clientele. apart and some minor thing repaired is almost as great and some minor thing repaired is almost as great and some minor thing repaired is almost as great and some minor thing repaired is almost as great and some minor thing repaired is almost as great and liabilities shows that the total assets of the combined banks amount as for all charges and dividends, permitted of a liberal amount being added to the balance carried for ad

mally covers the plates in the cell temperature is not exceeded.

evaporates, the level of the solu- decomposes the water into hydrotion gets lower, and the strength gen and oxygen which bubble up to of the acid becomes greater. If the surface of the solution. On acwater is not added from time to count of the presence of these two time to make up for this loss by gases in just the proper proportions evaporation, the acid becomes for an explosion, never hold a lighted strong enough to attack the plates | match or any flame near the battery.

solution of sulphuric acid. (See first part of the charge. A charging 25% of liquid assets. cross section of cell in the diagram.) or discharging rate which is too high, around 1.220. This electrolyte nor- battery too long, as long as the above \$14,382,293; Canadian Municipal and Reserve Fund, \$150,000; leaving

As the water in the electrolyte charged, continued charging simply



enough water to keep the solution up to some predetermined level. Add nothing but distilled water as impurities from tap water will accum- noting the water level and the hyulate, settle to the bottom of the cell, and eventually short-circuit the plates.

#### Care of Battery

come completely discharged, and perature to more than 100 degrees under no circumstances allow it to Fahrenheit. remain discharged for any length of time. When allowed to stand displates, and this coating prevents the corrosion. battery from being recharged. There is a normal charge and dis- main discharged.

regular intervals, take hydrometer tery and would at least splatter the the fellows are making first-class For each kind of legume, a special still in the hands of the original readings for each cell, and add acid about in a dangerous manner. progress with their tests. Ernest variety of bacteria is required whose owner, not having been transferred General Precautions

#### 1. Inspect the battery regularly, are ready to try.

drometer readings.

between 1.180 and 1.275. 3. Never charge or discharge the soon prevail. The hike took the a legume is being grown for the first their stores should be selling places,

charged, a coating of lead sulphate battery free from moisture and dirt, pery) Hay is recovering from a very taking soil from a field where the Advertise.

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#### RADIO QUESTIONS AND ANSWERS

Mr. Sherrill will be glad to help you solve your radio problems. Write him, care of The Durham Chronicle.

L. T. D. wants to know: "How Ans.—No, not if the transformer But very often a chap thoughtlessly sort is suspected, will give in a

Ans.—A two tube reflex arrangegive fair results on local stations.

in a two stage A. F. amplifier?" it becomes contaminated.

dealer. In fact, Mr. Buchanan has rates on Alberta coal will be detersent an order to the Alberta Gov- mined .- London Free Press. ernment for two full trainloads of this fuel, the one to be delivered in London and the other in Toronto,

in this city, in bags, at approxim- and fuss; your motor never makes The boys' game was a good fast United States anthracite, and the the auto yet. difference in the price would easily give the advantage to the Western

As an urchin was entering her dressing room to deposit some launther that it is proposed to make a thorough test of the cost of hauling coal at this time. For this reason no orders will be accepted expop."

As an urchin was entering her dressing room to deposit some launther the finish. George Lavelle in the Durham nets had a very busy night but displayed his usual stuff. The sonny?" "Shiftin' gear on a lolling teams returned home by train on Saturday morning. son no orders will be accepted ex-

out to avoid distortion.

ter for storage batteries?" transformers with different ratios through a cloth and bottled before

#### THE HORSE

consisting of 4,000 tons in all. This thing, no buttons to push, no horn order has been forwarded follow- to honk; you start yourself, no clutch ing the receipt of a telegram from to slip; no spark to miss, no gears On Friday of last week, the Dur-Mr. Stutchbury, an official of the to strip; no license buying every ham High School boys' and girls' Alberta Government, stating that the year with plates to screw on front hockey teams journeyed to Mount freight rates on coal from the West and rear. No gas bills climbing up Forest and were both beaten, the would be materially reduced, and each day, stealing the joy of life girls being trimmed the worst. The asking Mr. Buchanan to prepare for away; no speed cops chugging in score was 12-0 in favor of the Mount your rear, yelling summons in your Forest puck chasers. The latter ag-It is expected that the freight ear. Your inner tubes are all O.K. gregation has not tasted defeat this rates will be cut sufficiently to al- and thank the Lord they stay that season and they are a very fine low the Alberta coal to be delivered way; your spark plugs never miss team and deserve their victories.

#### Stripped in Action

### Strong Position Reported by Standard Bank of Canada

Total Assets Amount to \$83,520,820—Liquid Assets Stand at Over Forty Millions-Addition of \$150,000 to Reserve Fund, Bringing It Up to \$2,900,000.

A position of unusual strength and other bonds, \$450,475, and total call a condition that will enable it to and short loans, \$6,769,330, making handle its full share of the business the total in this department requirements of the country are the \$24,750,296. outstanding features shown in the Indicating the large amount of Bank since the Sterling Bank of \$1,798,201. time, enable the Bank to offer more efficient services to a much larger added \$150,000, now totals \$2,000,000 to 102,577, of which 49,363 were British, 13,721 from the United States ing the Vegetable Compound I was only

After the cell is completely securities, \$3,148,197; Railway and \$151,110.

annual statement of the Standard general business being handled are Bank of Canada. The report, which current loans and discounts entirely

faction to the public, as well as to posits bearing interest of \$52,048,439 total is 141,609. the shareholders, that the combined and deposits not bearing interest, Regular immigration, not includresources have made for such \$11,383,938. The Bank's paid-up cap- ing returning Canadians, amounted

#### Earnings Well Maintained

The general statement of assets | The Profit and Loss statement to over 53% of liabilities to the pub- | deducting expenses, interest accrued The storage battery is made up charge rate for every battery, and lic. In addition, these liquid assets on deposits and rebate on unmatured of a number of cells, each of which these rates are generally marked on include cash, as represented by curbills, Provincial taxes, and making immigration totalled 2,007, of whom include cash, as represented by curbills, Provincial taxes, and making immigration totalled 2,007, of whom one plate. In general, a store consists of plates of lead and of lead the name plate. In general, a stor- rent coin, Dominion notes and de- provision for bad and doubtful debts, exide, (negative and positive re- age battery may be charged at a posit in central gold reserves, of was \$688,682. This, added to the spectively) immersed in a diluted higher rate than normal for the over \$10,000,000, being more than amount carried forward from the previous year, brought the total cember and January immigration cross section of cell in the diagram.) or discharging rate which is too high, heats the plates and causes them to heats the plates and causes them to electrolyte, is a mixture of four warp and short-circuit the cell in- The principal accounts included in as follows: Dividends. \$488,234, War parts of distilled water and one part ternally. When charging, never liquid assets are a very large pro- taxes on note circulation \$40,000; Reof pure concentrated acid. The spe- allow the battery to warm up to portion of holdings in high grade serve for Dominion Income Taxes. cific gravity of this solution, as more than 100 degrees Fahrenheit. securities. Dominion and Provincial \$50,000; contributed to Officers Penmeasured by a hydrometer, is There is no danger in charging the Government securities amount to sion Fund, \$25,000; transferred to British, Foreign and Colonial Public balance to be carried forward of

#### The Boy Scouts' Column

EDITED BY GREEN PLUME

the form of reminiscences of last Agricultural Bacteriologist. summer's camp at White Cloud Island. Judging by the plans that are will move up in a body.

ing success on Saturday last owing teria of the right kind are in the fined \$25 and costs. 2. Charge the battery regularly, to the severity of the weather. Old soil. Many soils, especially in the keeping the hydrometer readings Man Winter can not hang on so very newer districts, are deficient in these much longer, and softer weather will bacteria, and in most cases where "Too many merchants forget that Never let the storage battery be- battery fast enough to raise its tem- form of a tracking competition.

Two of the First Durhams are out | inoculate. 4. Keep the top surface of the of action these days. George (Slipis formed over the surfaces of the and keep the terminals free from severe attack of 'flu, and it will be same crop has grown successfully some time before he is around as and incorporating it with the new 5. Never allow the battery to re- spry as usual. Clifford Moon (Moon- land at the rate of 200 pounds or shine) is recuperating from a dose more per acre. This practise is of scarlet fever. It is, very fortun- often expensive, and is always subately, not of a virulent type; but ject to the danger of introducing he will be in the house for some weeds, insects and plant disease.

#### A Scout Is a Friend to Animals

fellow with any sense of decency, number of years, and in cases where make a loop antenna work a loud- is better to use a low ratio through- kicks a dog, or pelts a cat, or twists large number of cases, beneficial a cow's tail, or does something like results. that, more as an experiment to obment with a crystal detector should E. P. G. asks: "Is it safe to use serve what the animal will do than Alberta coal will be available for test may be made. The costs will the object of getting animals for

#### TWO D. H. S. TEAMS BEATEN AT MT. FOREST

Opponents to 7-6.

ately \$14 per ton, or probably less. us cuss. Your frame is good for exhibition of hockey, although a lit-The cut in freight rates is expected many a mile; your body never the rough in spots. Allan of the to be from \$10.50 to \$7 per ton. It changes style. Your wants are few Mount Forest team got away with a tle rough in spots. Allan of the Mount Forest team got away with a great deal of loafing which helped him to do most of the scoring. The Durham players put up a good brand of pastiming and recently agreed to the scoring of pastiming and make stops all choking, gasping and mucus gatherings in brenchial tubes. Gives long nights of restful sleep. Contains no injurious or habit-forming drugs. is stated that this coal is equal to and easily met; you've something on great deal of loafing which helped of pastiming and nearly came out

#### NITRO-CULTURES AND THE

Although occurring to the extent of about 80 per cent in the air, nitrogen is considered the most exfood. This is due to the fact that with the exception of members of Everybody is looking forward to the legume family, plants are unthe breaking up of this winter able to utilize this atmospheric ni-which has been long and steady; but trogen, but must depend upon the zephyrs of spring as the real, hon- clovers, vetches, peas, beans, etc., McCartney of Wiarton was on the Hanover, R. R. 3. est-to-goodness scout. The fellow are enabled to use the nitrogen of Bench, and Crown Attorney Freewho wants to get right out in the the air through the action of bac- born of Walkerton represented the woods and fields again, and take an- teria which exist in the character- Crown, and H. G. Tucker of Owen other header off the old spring-board istic nodules found on the root sys- at the swimming-hole. The longing tem of well developed plants of this Abraham Muhlhausen, a well-known in the First Durham Troop takes crop, says A. G. Lochhead, Dominion Eastnor Township farmer and stock

These useful bacteria, if present charged with having defrauded the in the soil, enter the root of the Eastnor Agricultural Society out of being made now, the whole troop young plant, multiply and develop a sum of money by showing a pedithe swellings or nodules. The plant's greed animal, but not having the In the meantime, the Troop is development is stimulated, the ni- pedigree for the animal, but producplugging along with its weekly trogen supply of the soil is con- ing another pedigree alleged to bemeeting. Last Tuesday's turn-out served or even increased, and benefit long to that animal, the original pedin the cell. Inspect the battery at An explosion might damage the bat- was the best for weeks. Some of is thus felt by a succeeding crop. | igree of the animal shown being Neaves passed his First Class Aid presence in the soil is necessary. If at the time of sale. tests, and a number of other scouts a particular crop has been growing After a number of witnesses had successfully in a short rotation, it given the evidence in the case, Mr.

The weekly hike was not a howl- may be assumed that nodule bac- Muhlhausen was found guilty, and time, or after a long lapse of years, not storage places," remarks a

Inoculation may be effected by made in a quick turnover. Moral-

Another method, much simpler to apply, is that of adding a pure culture of the nodule bacteria direct-The sixth Scout Law is one that is sometimes forgotten, although no This method has been tried for a

The Dominion Experimental Farms wish to encourage the use of nitrorain water in place of distilled wa- to cause it pain. The pain results cultures among the farmers of Cannevertheless, and the animal has as ada, and the Division of Bacteriol-M. E. asks: "Is it necessary to use Ans.—Yes, if the water is strained great a faculty for suffering as a ogy will supply free to any farmer human being. Here's another thing. who applies directly, sufficient ni-Don't go out in the bush and shoot tro-culture to inoculate 60 pounds squirrels, chipmunks and birds just of seed for any legume he wishes to to see if you can hit them. Put try out. In making application, it ALBERTA COAL FOR LONDON largest cars will be used, about 50 yourself in their place and see how is necessary to state the kind of seed cars to a train, in order that a fair you'd like it. If you go hunting with used, and give, if possible, the apuse soon in this district at a price be accurately kept and checked over food, or for their fur, it's quite a that cultures may be fresh. Furtherproximate date of seeding in order to compare quite favorably with together with the weights of the different thing. The sixth law is more, cultures are sent out only United States anthracite coal, ac-cording to William Buchanan, local the results thus obtained, the freight tise it. plicant agrees to report the result of his inoculation trial, whether it be successful or not. Many phases of the question of inoculation are not understood, and it is only by Oh, horse, you are a wonderful Girls Lose 12-0, While Boys Held accumulating information as to the results of such trials by farmers themselves that many problems not yet solved will be cleared up. Application for culture should be

#### HEAD and BRONCHIAL COLDS Jest Swallow a RAZ-MAH Caesale

Restores normal breathing. Quickly

GUARANTEED REJ.IEF RE For Sale by S. MacBoth and T. H

made to the Division of Bacteriology, Central Experimental Farm, Ottawa. Cultures are not sold, and the quantity supplied to any individual is limited to the amount specified

## AVERAGE 14,000 IN IMMIGRATION

Total of 141,609 New Citizens in Last Ten Months.—Many Are From U. S.—Exceeded Total From Britain in December and January.

Immigration to Canada, including Canadians returning from the Unitis for the year ending January 31st, in Canada of \$36,077,030, and loans Canadians returning from the Unitis the first issued by the Standard to cities. towns and municipalities, ed Stated, has averaged a little over 14,000 a month for the ten months Canada was amalgamated with it. The confidence enjoyed by the of the fiscal year up to and includ-On this account, there will be special interest in the figures submitted, and it should be a matter of great satis
Bank among a large number of deling January, according to a statepositors is reflected by total deposits of \$63,432,377. These include deof immigration and colonization. The

> For seasonal reasons, January represents a low point in Canadian im-

ers, who do not arrive in numbers to answer letters asking about it."during the winter months. January Miss HAZEL BERNDT, Box 700, Arnprior, 543 were British, 632 from the Unit- A day out each week shows in the pay ed States and 832 from other countries. It is of interest that for Defrom the United States has exceeded that from Great Britain.

Canadians, who in January returned to Canada after a residence of six months or longer in the United States and declared their intention to remain permanently in the Dominion, totalled 1,715. The been idle for a considerable period, number of such returning Canadians since the beginning of the fiscal vear is 39,032.

#### INOCULATION OF LEGUME SEED FIND BREEDER IS **GUILTY OF FRAUD**

hibited Another Animal.

breeder. Mr. Muhlhausen was

## A Moral in This

it will be of advantage to add bac- Chamber of Commerce secretary teria, or in other words, to There is no money in having goods stay on your shelves. Money is

## A Nice Assortment of GINGHAMS and **CHAMBRAYS**

Nifty Crepe de Chene Handkerchiefs @ .... 19c and 25c Fancy Coat Linings @ .... 65c Curtain Material (extra value)

Ladies' Wool Finish Dresses Linen Towelling @ per yd. 15c

> **GRANT'S** DURHAM

Read How She Found Help in Lydia E. Pinkham's Vegetable Compound

Arnprior, Ontario .- "I must write and tell you my experience with your medicine. I was working at the factory for three years and became so run-down that I used to take weak spells and would be at home at least one day each week. I was treated by the doctors for anemia, but it didn't seem to do me any good. I was told to take a rest, but was unable to, and kept on getting worse. I was troubled mostly with my periods. I would sometimes pass three months, and when it came it would last around two weeks, and I would have such pains at times in my right side that I could hardly walk. I am only 19 years of age and and some of my friends told me about Lydia E. Pinkham's Vegetable Compound, and when I had taken a bottle of

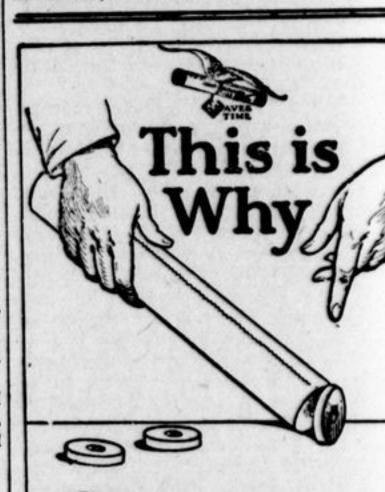
envelope. If you are troubled with some weakness, indicated by a run-down condition, tired feelings, pains and irregularity, let Lydia E. Pinkham's Vegetable Compound help you.

#### PLANT RESUMES OPERATIONS

Hanover Cement plant, which has resumed operations Monday morning and it is expected that the mill will be operating at full capacity by April 1st. This provides employment for a considerable number of

#### TOWNSHIP OF BENTINCK

APPLICATIONS FOR THE POSITION pensive of the elements of plant Abraham Muhlhausen Fined \$25 and of Road Superintendent for the Costs in Police Court .- Produced Township of Bentinck will be re-Pedigree of One Animal and Ex- ceived by the undersigned until noon Saturday, March 7th. The remuneration of the said official shall On Tuesday of last week, an in- be at the rate of \$4.00 per day while probably no person wishes half as supply of that element in the soil. teresting case was heard in the pol- performing the duties pertaining to earnestly for the return of the balmy Leguminous plants, however, alfalfa, ice court at Lion's Head. Magistrate said office.—J. H. Chittick, Clerk,



## Semi-trimmed Wallpaper Saves time

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John McKechnie Durham Ont.

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# McComb's

Always a Good Stock of

STAPLE and FANCY DRY GOODS, SHOES and GROCERIES

Agents for Butternut Bread BUYING FOR CASH + SELLING FOR CASH = ECONOMY From The Chronicle File of March 9, 1905. Wright, organist of the Church intends going to

to next week. He expects to work at his trade as a tailor and

Thursday, March 5, 1925.

TWENTY YEARS AGO

give attention to music, Mr. Archie McLean, west of the met with an accident in Rocky, met with an accident in actious, and in some way broke the young man's leg.

We congratulate Dan McDonald who had the courage to enter the band of benedicts. Wednesday evening he was married to Miss Flora MacKenzie, by the Rev. Mr. Newton. The whole affair was done quietly, few suspecting Dan was in that the lively young lady of his choice would fix her fancies on a

The National Portland Cement Company, Limited, elected the following officers: S. G. McKay, Prosident; Joseph Cobbledick, 1st Vice-President; J. W. Scott, 2nd Vice-President; G. McKechnie, Treasurer; and J. Ehrhardt, Secretary.

Born .- At Fort William, on Sunday, February 26th, to Mr. and Mrs. Vollett, a son.

Manse, Durham, William Henry Le- wa gate was married to Julia, daughter ch of John Adam Dice, all of Bentinck. Rev. Mr. Farquharson performed the

of Robert Macfarlane, in his seventieth year. Four sons and two by daughters survive. George of Glen- th coe, David of Caledon, Robert of pl town and Archie of Brussels; Mrs. De J. P. Hunter and Mrs. A. H. Jackson T of town. He was predeceased by his wife nine years ago.

The annual pie social was held in The township hall on Friday last, the and of course, a good time was

spent by everybody. Glenmont correspondence. Mrs. Thomas McGirr, President of the Women's Institute of South Grey, visited friends here last week and attended the W. I. meeting at Dromore where a branch of the institute was organized with Mrs. John Renton as President.

Miss Aggie Hunter of Dromore is visiting in town. Miss Dorothy Lawrence left last week for Hamilton. Ancil Cook and Ed. Watson intend P

going West on Tuesday, and Percy t and Fred Glass expect to leave in a couple of weeks. Mrs. W. H. Bean was called by wire Saturday to visit her sister. who is sick at Fordwich.

Mr. John Brown who worked with the Durham Mfg. Co., has gone to Arthur. Mr. Emerson Peart, a brother of

Mrs. James Hudson, Bentinck, died h at Caledonia, in his seventy-sixth a Information has reached us of the s death of William Crozier at his c home in Youngstown, N. Y. He was 1

forty-seven years of age, a brother a of Mr. Ed. Crozier of Aberdeen. The cutter that upset near Jackson's corner in upper town had only four occupants in it. The two young men with the other "two" are now thinking over the old adage. "Two's company, three's a crowd.

and four in a cutter is not allowed. We regret to announce the prolonged illness of Mr. James Redford. who has been forced, for several weeks past, to abandon his work as bookkeeper in the furniture factory. We understand he has resigend his position and that Mr. Koch, one of the recently appointed teachers in

to fill the vacancy On Saturday night last, Mr. and Mrs. Percy Lawrence were called upon to part with their little six Mr. Alex Gordon received the sad

the school here has been engaged

intelligence of the death of his mother in Toronto. Arthur Allan, son of Principal Allan, underwent an operation on t Tuesday for the removal of pus from the lungs. Some time ago we re-

ported him ill from typhoid and pneumonia, from which he has not fully recovered. The home of Mr. and Mrs. Charles McArthur of Bunessan over the death of their daughter. Annie Hare McArthur, who passed away on the first of March at Nua-

gara Falls, N. Y.

dent of the commercial docks at the Canadian Soo, returned Monday alter spending a short time at the. home of his parents, near Aberdeen. A successful box social was field at Louise on the 24th. Corner Concerns correspondence.

Mr. Alex. McCormick, superintend-

Messrs. Ritchie and Moore were given the contract for the repairing of the school house We are told that the crows have returned to this part of the country. One man says he saw a blue av. The

only birds we have seen lately were

Swallows and Parrots PALMERSTON MAN HIT BY TRAIN AT CROSSING

augh Bride Suffers Severe Injuries to Head, Shoulders and Knee.

id the head, shoulders and knee am of cars being operated over crossing. Mr. Bride had allowed nim, and his escape from

was remarkable. to have the injured man lame whatever is attached to y or individual in any way for

injured man was conveyed to erston Hospital, where he is as well as the conditions injury will allow.