



FILLING THE STORAGE BATTERY

By R. M. SHERRILL (Radio Engineer)

Everyone has probably experienced the inconvenience and trouble which are met with when adding water to the storage battery. The filling well is usually located in the centre of the cell, and in such a position that the water must be poured in from a considerable distance above. Thus some water is usually spilled on the top of the battery, and on account of the posts and bus-bars, it is difficult to wipe this water off. And, when it comes to filling the numerous cells of the storage B battery, these troubles are, of course, much worse.

A very simple way of eliminating most of this inconvenience is to place the bottle containing the distilled water on a shelf, which is a foot or more above the battery. Place one end of a 3/16 inch rubber tube inside the jar of distilled water at the bottom and let the other end hang down to the level of the battery.

A siphon may be started by sucking on the lower end of the tube until the water starts to flow. Once this has been done, the flow of water may be stopped by kinking the tubing and by holding it in that position with a spring clothespin or a similar clamping arrangement.

When ready to use, squeeze shut the end of the tubing with the fingers and remove the clothespin. In this way, an A battery or even a large storage B battery may be quickly and easily filled without spilling a drop of the distilled water and without running over any of the cells.

Roumanian Radio Requirements We all know that in most of the foreign countries, the people must establish their identity and pay for a license before they can use a re-



ceiving set. This is also true in Roumania, but there will be some rather odd additional requirements if the present bill before the Parliament at Bucharest, is passed. Anyone wishing a license must apply in person and must produce documentary evidence that he has been baptized. Also he must bring proof of his Roumanian citizenship and a statement as to his high moral character from a priest or other re-

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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.

Q.—L. M. writes: "I was glad to see the data published in Farm and Home concerning a Superdine receiver. I have on hand some Northern Electric Peanut tubes, and I intend using them in this receiver. I would like to ask—1. what modifications are necessary to adapt the hook-up to the peanut tubes? and what should be the value of the grid condenser? I already use 0.00015 Mfd. 2. What is the best aerial for this Superdine? 3. What is the length of an antenna suitable for receiving short waves 50 to 150 meters? 4. Would it be practical to use the same aerial for both Superdine and a short wave receiver?"

Ans.—(1) The only modifications necessary would be to provide the proper voltages, rheostats and mountings for the peanut tubes. The 0.00015 Mfd grid condenser will be suitable. (2) A good antenna for the Superdine would be one that is as high as possible and is about 60 feet long. It would be preferable, though not necessary, to have more than one wire in the top part. (3) The same antenna as described under (2) may be used on the short wave reception if a series condenser of about 0.00025 Mfd is used. This may be a fixed capacity. (4) Answered under (3).

COL. E. ROURKE IS DEAD AFTER BRIEF ILLNESS

Veteran Clerk of Thornbury and Collingwood Township Passed Away Monday.

Col. Edward Rourke of Thornbury died at 2.15 o'clock Monday morning in his 79th year. He had been ailing for some time with kidney trouble, and little hope had been held out for his recovery. He was born in Simcoe County and when two years of age, left there for Williamsford now called Heathcote. He resided there until a young man and then moved to Barrie in which town he was engaged in the grocery business for four or five years. He was clerk of the Township of Collingwood until 1887, until Thornbury was incorporated as a town. From that time until the time of his death, he was clerk of that municipality. He was in command of the Grey Regiment for many years. His wife predeceased him about twenty years ago, and at the time of his death, he was residing with his daughter, Mrs. Irene Laur, high school teacher of Woodstock, who, when her

father became seriously ill, came to Thornbury to take care of him. He leaves three sons, Beverly, in the printing business at Hamilton, Hilliard in the bond business in Montreal, and Ormy, of Toronto; and two daughters, Mrs. Gertrude Diller of Lansdowne, Pa.; and Mrs. Irene Laur. Two of his sons, Beverly and Hilliard served in the South African War, and Hilliard also served in the Great War as Colonel of the 147th Battalion. The late Col. Rourke served the regiment in all capacities. He was first in the ranks as a private and then as a non-commissioned officer. He became Lieutenant on June 10, 1881, and was gazetted as Captain on June 10, 1887. On September 9, 1898, he was made Major of the regiment, and was in command as Colonel from 1905 to 1909. The funeral took place on Wednesday afternoon.

SELF-MADE LAWS

Do what thy manhood bids thee do. From none but self expect applause. He noblest lives and noblest dies Who makes and keeps his self-made laws. —Todd.

Read the Classified Ads. on Page 7.

Cross-Canada Happenings As Told By Wire

News From Halifax to Vancouver Boiled Down and Tersely Told

According to the city directory just returned for this year, the population of the greater Vancouver area is figured out at more than 250,000. It is stated by leading Conservatives in Calgary that A. A. McGillivray, K.C., well-known barrister, will be the next leader of the Conservative Party in Alberta.

F. A. McGregor, private secretary to Premier W. L. Mackenzie King, who accompanied the remains of the late Sir William Peterson, well-known shipping magnate, to England, returned to Ottawa Saturday. A cable from London to the Hudson's Bay Company says the S.S. Bayeskino sank in Ungava Bay, south of Hudson Strait, north of Fort Chino, on July 23. The crew and passengers were rescued by the company's vessel S. S. Nascope, which was 160 miles distant when the distress call was received. S.S. Nascope was taking the passengers and crew to Port Burwell. No further details have been received.

Careful driving by Engineer Leonard T. Solloway, Vancouver, averted a serious accident on the Canadian Pacific Railway, Saturday morning at Ruby Creek, 90 miles east of Vancouver. Seeing a cloud of dust ahead, he sensed a landslide and slowed down his train, the Montreal-Vancouver Express. The engine hit a tree, 75 feet long by about three feet thick. The locomotive was derailed, and the first mail coach was partly thrown off the rails. The rest of the train stayed on the track.

The Italian steamer, Monte Nevoso, which sailed from Montreal on July 18 for Hamburg, and the Canadian liner, Andania, narrowly escaped crashing into each other in the fog last Thursday night while off Sable Island, according to a statement made by Captain A. T. Brown, of the Andania, on her arrival at Halifax from Hamburg. The two ships were but 100 feet apart before seeing each other, and it was only by the quickest action of the ship's officers that a serious collision was averted.

Hon. Jacques Bureau, Minister of Customs and Excise, who has been ill at his home in Three Rivers since the early days of the past session, returned to Ottawa Monday.

Delegates to the Imperial press conference to be held next month in Melbourne, arrived in Vancouver by special train Monday morning. The

party will sail for Australia on Wednesday aboard the line Aorangi. The big newsprint mill known as "D" mill, together with the sulphite and ground-wood mill of the E. B. Eddy Company at Hull, shut down on Saturday evening, temporarily throwing out of employment between 250 and 300 men, mostly residents of the cities of Hull and Ottawa.

Executive officers of the Retail Merchants' Association from all provinces in Canada assembled at Vancouver Monday morning to prepare for the opening of the Dominion convention of Retail Merchants' Association on Tuesday morning.

Hon. Thomas A. Low, Minister of Trade and Commerce, and Sir Henry Drayton, Conservative member of Parliament for West York, will meet in a public debate at the town of Douglas in Renfrew county on Wednesday, July 29. Other speakers will be I. E. Peblow and Martin Maloney. Fire-blight is threatening to destroy the apple orchards of the eastern townships, and inspectors of the Department of Agriculture have been summoned by the apple growers to help check the spread of the disease, which will in all probability, seriously affect this year's crop and kill innumerable trees.

Continuing their campaign against drug trafficking in the Ottawa district, officers of the Royal Canadian Mounted Police on Saturday swore out two informations against Dr. Joseph Bartolomey Ayotte, a physician of the village of Plantagenet, Que., charging him with giving or selling narcotic drugs to persons not under professional treatment.

Baron Byng, Governor-General of Canada, who is on an extended trip through the Dominion's Northern Hinterland, reached Hay River in the Northwest Territories Monday. Due to stormy weather, the S.S. distributor, on which His Excellency is making the trip, was delayed for one day on the Great Slave Lake, but all of the passengers were in excellent health when the steamer docked.

The Backus-Seaman application for a pulpwood berth in Northern Manitoba will be approved by the Federal Government. Hon. Charles Stewart, Ottawa, Minister of the Interior, stated following a conference held at Winnipeg on Saturday. Mr. Stewart stated that he intended, on his return to Ottawa, to issue a con-

tract immediately. It is the intention of the Backus-Seaman interests to establish a 250-ton paper mill in Greater Winnipeg.

Two fires, both believed to be of incendiary origin, occurred in Grace Bay over the week-end. The unoccupied residence of Councillor Ronald McInnis, with all its contents, was completely destroyed early on Sunday morning. At two-thirty on Monday morning, firemen discovered fires burning in several places in a vacant store at Stirling, owned by Hyman Gittleman, now residing in the United States. This fire was easily put out. Shortly afterwards the furniture store of Louis Burnstein was gutted by a blaze which

broke out in the office from some unknown cause.

The building and construction program of the Roman Catholic Episcopal Corporation of the archdiocese of Ottawa, tenders for which it is expected, will be awarded on or before August 12, will involve an expenditure of close to \$1,000,000. Plans for the new buildings provide for a block of buildings which will be among the first of their character in Canada. They embrace a new archbishop's palace, a chapel, seminary and mother house for nuns, and a large garage, and will take over two years to complete.

Read the Classified Ads. on Page 7.

Specials This Week

Women's Black Kid, 1 Strap Slippers, low heel, at per pair \$1.60

Women's Black Canvas 1 Strap Slippers, leather sole and heel, at per pair 98c.

Misses' Strap Slippers, to clear at per pair \$1.50

REPAIRING A SPECIALTY

J. S. McIlraith The Cash Shoe Store Durham, Ont.

Advertisement for Henderson's Bakery featuring an image of a loaf of bread and the text 'What Makes Good Toast? That plate of crisp, hot-buttered toast for breakfast carries good cheer through the day. But do you know that it is the presence of sugar in Bread that gives the delicate golden-brown bloom and beguiling flavor in toasting? GOOD BREAD baked with an extra amount of cane-sugar makes perfect toast. It coaxes back the appetite—starts the day right—delights your family at any meal. Henderson's Bakery'

Advertisement for The Royal Bank of Canada featuring an image of a money order and a table of rates. Text: 'WHEN remitting any amount up to \$100, you will combine safety, economy and convenience by using Royal Bank Money Orders. They will be cashed by any Bank in Canada (Yukon excepted) without charge. You will find our Money Orders payable in U.S. Dollars and Sterling most convenient for making small remittances to the United States and Great Britain.'

Advertisement for The Royal Bank of Canada, Durham Branch, J. A. Rowland, Manager.

Advertisement for THE PEOPLE'S MILLS featuring a list of flour and oat products and prices. Text: 'Gunn's Big 60 Beef Scrap and Poultry Foods. BLATCHFORD'S CALF, PIG and POULTRY FOODS. Our Feeds are of the Best Quality, and our Flour is Guaranteed. Prices right for Cash. Highest Price Paid for Wheat delivered at the Mill. Goods Delivered in Town Every Afternoon. Phone 8, Night or Day. JOHN MCGOWAN The People's Mill Durham, Ont.'

Advertisement for Henderson's Bakery and Farms for Sale. Text: 'Just around the bend See the great picture gallery of Ontario's natural beauty. Just around the bend of the road, a land of rolling hills, sapphire lakes and silver streams awaits you; a land of orchards and grain fields—of trim villages and beautiful cities and towns. It's a great picture gallery—and it's yours, because it's in your own Province. There's a masterpiece at every turn. See this gallery from the highways of Ontario. Take the family with you. Drive moderately, and you will enjoy all the more the constant panorama which breaks on your view. The law of Ontario sets a maximum speed of 25 miles an hour to preserve you and other users of the road from accident and to prevent needless damage to road surfaces by reckless driving. Remember, the road is yours to use, not to abuse—yours to enjoy, not to destroy. The Government and the Counties are building a splendid and extensive system of highways. They are spending hundreds of thousands of dollars a year in maintaining it. If these roads get in poor repair, who's to blame—those who build and maintain them, or those who misuse them? To you and all other intelligent motorists, the Government makes this appeal to conserve the highways in a commonsense way. To "the speed hound" who will not heed, it gives notice that the enforcement of the law regarding fast driving will be more rigorous than before. An advertisement issued by the Ontario Department of Highways to secure the co-operation of motorists and truck drivers, Automobile Clubs, Good Roads Associations and all other public spirited bodies, in abating the abuse of the roads of the Province. The HON. GEO. S. HENRY, Minister; S. L. SQUIRE, Deputy Minister'

Classified Advertisements section header and introductory text.

Medical Directory

DR. JAMESON & JAMESON Office and residence a short distance east of the Main House, Lambton Street, Lower Town, Durham. Office hours 2 to 5 p.m. (except Sundays and holidays).

J. L. SMITH, M. B., B. C. P. Office and residence, 100 Lambton Street, Durham. Office hours 2 to 5 p.m. (except Sundays and holidays).

DR. A. M. BELL Office on Lambton Street, Durham. Dr. Hutton's office, 100 Lambton Street, Durham. Office hours 2 to 5 p.m. (except Sundays and holidays).

C. G. AND BESSIE MCGILLIVRAY, Chiropractors, Durham, Ontario. The Science of that adds to the years to life. Consultation free. In Durham Tuesdays, Thursdays and Saturdays.

Dental Directory DR. W. C. PICKERING, DENTIST Office, over J. & J. Hardware, Durham, Ontario.

J. F. GRANT, D. D. S., D. B. S., Honor Graduate University of Toronto, Ontario, Graduate Royal College of Dental Surgeons of Ontario, Dentist in all its branches. Office, 100 Lambton Block, Mill Street, second floor east of MacBeth's Drug Store.

Legal Directory MIDDLEBRO' SUPERMAN & MIDDLEBRO' Barristers, Solicitors, Etc. Successors to A. B. GURNEY. Mr. C. G. Middlebro' is permanently located at Durham Office. Branch office open every Friday from 4.30 to 9.30 p.m.

LUCAS & HENRY Barristers, Solicitors, Etc. A member of the firm will be in Durham on Tuesday of each week. Appointments may be made with the Clerk in the office.

Licensed Auctioneers DAN MCLEAN Licensed Auctioneer for County of Grey. Satisfaction guaranteed. Reasonable terms. Dates of sales made at The Chronicle Office or with himself. ALEX. MACDONALD Licensed Auctioneer for Co. of Durham. Moderate terms. Auctioneering sales, as to dates, etc., may be made at The Chronicle Office, Durham. Terms on application. Address: R.R. 1, Durham. Phone 611.

REUBEN C. WATSON Licensed Auctioneer for County of Grey. Prompt attention to all reasonable terms and conditions. Auctioneering sales, as to dates, etc., may be made at The Chronicle Office or with himself. Address: R.R. 1, Durham. Phone 611.

BATES BURIAL CO. FUNERAL SERVICE New Modern Funeral Parlors Phone Hillcrest 0268 122-124 Avenue Road Toronto John W. Bates R. Macdonald Formerly of Fisherton

FARMS FOR SALE LOT 7, CON. 21, EGBERTON containing 100 acres; 80 acres in cultivation, balance partly in pasture; convenient to school; on the main line is a frame barn 25x50 with stone foundation; concrete water tanks; also hay barn 30x50 with stone foundation; horse pen 20x40 with stone foundation; brick house, furnace, boiler, and frame woodshed; drilled well and water tanks; 30 acres second to 100 acres to sweet clover; this farm is well fenced and in a good state of cultivation. For information apply to Watson's Dairy, R.R. 4, Durham, Ontario.

NORTH PART LOTS 7 AND 8, CON. 22, EREMOUD containing 90 acres; 25 acres in cultivation, balance partly in pasture; in good state of cultivation; frame barn 45x50, stone foundation, concrete stables; drilled well and cement tank at barn; also 100 ft. x 7 ft. Con. 4, S.D.H. Green's containing 110 acres; 100 acres in cultivation and in good state of cultivation; the premises are a brick house, frame woodshed attached, and well at door; never failing stream on this farm, making a cheap and well watered farm. This property will be sold right to quick purchaser. For particulars apply to Watson's Dairy, R.R. 4, Durham, Ont.

FARM FOR SALE Lot 66, Con. 2, W.G.R. 1924, 2 1/2 miles southwest of Durham, containing 86 acres. Mostly cleared, in good state of cultivation; frame barn with shed adjoining and stables. 7-roomed brick house, extension kitchen and woodshed. Well watered and in good crop. For further particulars apply William Smith, R. R. No. 3, Durham.

The man who has plenty of a wide horizon and a cool head a summer resort all to himself.