

WEEKLY WIRELESS & ELECTRICITY LETTER.

It is hard for those living in a small and isolated place like P. E. Island to realize the many uses to which that wonderful force, the Electric Current, is now put in other cities.

In half a century or at most a few years more, the Science of Electricity, has been developed as no other science, until now, it ranks as one of the greatest aids to Modern Civilization.

Fifty years ago the public would have scoffed at anyone who displayed courage enough to prophesy the invention of such ordinary household articles as the Electrical cooking range, Electrical flat iron, electric toaster, and many other electrical household devices, which though not as yet in common use in our own city, are quite the order of the day in neighboring places.

Electricity is one of the most convenient sources of power known to man. The cost of electric current is very low when the demand is sufficient to warrant a continuous supply. Cities and towns, smaller than Charlottetown, and without water power, realize the great benefit to be obtained by the use of Electricity for power, lighting, and heating purposes.

Yachtsmen are beginning to realize that a Wireless Telegraph installation can no longer be regarded as a luxury consisting of intricate electrical instruments requiring expert attention. On the contrary, apparatus requiring hardly more effort than the turning on of an electric light to start it in operation and of absolute reliability, may be purchased at a very moderate cost, may be operated by anyone, either owner, captain or member of the crew who is willing to spend a short time learning the telegraph code, and unlike most other yacht equipments, entails no further expense other than for the small amount of electricity used, from one to ten cents an hour, and then only when the transmitting set is in operation.

These wireless installations should last for many years without renewal or repairs except of a minor nature. The space occupied is so small that they may be installed in the smallest cruiser and will never be found to be

in the way. According to advices from New York, the latest Marconi message from Caltano, Italy, to Glace Bay, was the first commercial message designed to be sent, and actually sent for a distance of four thousand miles. The result was accomplished by means of one of Signor Marconi's latest inventions termed the "directional" method, whereby messages are projected in a given direction within a radius of forty-five degrees, and whereby the energy is very materially concentrated and diffusion in all other directions prevented.

As to the "intercepting" or taking the sense of the message sent by wireless this can only be done by those whose stations are "tuned" to the pitch of the sending station. Owing to the use of special apparatus in the Marconi system whereby delicate tuning is attained to prevent the interception of messages malicious interference is readily checked, and there is no more difficulty in preventing the reception of messages by cable or wire than of wireless messages.

SCIENCE SAYS ALUM IS UNFIT FOR USE IN FOOD.

In Great Britain no one is allowed to sell alum hidden in baking-powder, because the English law protects the people from this injurious acid.

Canada has not yet enacted a law against the use of alum, and as alum in baking-powder cannot be detected by its appearance, many manufacturers are using this condemned acid because it is a cheap adulterant. It is a fact that alum in your stomach produces the same disagreeable results to the delicate organism as you will feel in your mouth by putting a tiny piece on your tongue. Science shows that alum reduces the flow of the gastric juices and weakens their power of assimilation, causing indigestion and the ills that follow.

No housewife should buy a baking-powder made by a manufacturer that is afraid to print the ingredients plainly on the label of each can, and the wording should state that there is no alum in disguise inside.

THE CHRISTMAS DINNER.

In spite of the fact that the word dyspepsia means literally bad cook it will not be fair for many to lay the blame on the cook if they begin the Christmas dinner with little appetite and end it with distress and nausea. It may not be fair for any to do that—let us hope so for the sake of the cook! The disease dyspepsia indicates a bad stomach, that is a weak stomach, rather than a bad cook, and for a weak stomach there is nothing else equal to Hood's Sarsaparilla. It gives the stomach vigor and tone, cures dyspepsia, creates appetite, and makes eating the pleasure it should be.

STOCK NOTES.

At the Amherst Winter Fair, A. A. McBeth, of Marshfield, P. E. I., won prizes for the best sow (nine months old and under fifteen); for the best sow six months and under nine); also the Evans silver cup for the grand championship. Pen. W. J. Gibson of Marshfield, P. E. I. won the grand championship individual silver cup donated by the Atlas Stock Food Company, Amherst, for the best pig of any breed or age.

CHARLOTTETOWN AND QUEEN'S COUNTY

It pays to buy in this Province.

The Merry Whirl is the title of today's music and words. Next Saturday's will be the Matinee Idol.

Rev. Dr. Endicott, missionary from China, will preach in Grace Church tomorrow morning at 11 o'clock.

In classified column will be found an advertisement of the sale of a ten horse power, gas or gasoline engine at a bargain.

The Roger's Hardware Co will be open tonight and every Saturday night until Xmas. Special values for Saturday night shoppers.

The half page ad on page four of Messrs. Alley & Co. announces a grand array of bargains in highest grade of waterproof footwear.

J. J. Stewart of R. E. Mutch & Co., city, is in the P. E. Island Hospital laid up with a severe attack of blood poisoning.

Albert Boswell, French Port, who has been attending the Amherst Winter Fair, where he had a number of exhibits, was a passenger to the city on the Northumberland last evening.

One young man from the country was taken in charge by the police yesterday afternoon. He will appear before the city police court this morning on a charge of drunkenness.

Rev. J. F. Floyd will deliver the second sermon in the series on Christian Baptism tomorrow evening in the Central Christian Church, the subject being: "What is Christian Baptism?"

Today's Guardian contains sixteen pages of carefully selected and interesting reading matter including a good sermon and Sunday School lesson. Readers should make sure that they get the entire issue.

The regular monthly meeting of the Board of Management of the Children's Aid Society will be held in the Board of Trade Rooms, Market Building, at four o'clock Monday afternoon.

Tickets for the Organ Recital Tuesday evening, Dec. 12, at Baptist Church are on sale at Hughes, Jamieson's and McKinnon Drug Stores and Jenkins' Grocery. Auditorium twenty-five cents, Vestry fifteen cents.

W. W. Walker, City, upon the solicitation of representatives of his ward has consented to run as Councillor for Ward 5, as will be seen by his card elsewhere in this issue. Mr. Walker is a young man of well known business ability and will do all in his power, if elected, to further the interests of the citizens.

The advertising department finds it impossible to handle all the changes of advertisements that come in up to one o'clock. Until further notice, changes of ads must be to hand at 10 a. m. to insure insertion following day. Ads containing extra space must be in or notice given twenty-four hours in advance.

All Guardians are discontinued promptly at the expiry date, unless requested otherwise by subscribers. A renewal notice and addressed envelope in which to remit are sent to each subscriber a short time before expiry, and if no response another renewal notice is sent out and the paper is discontinued promptly. Subscribers having thus no cause to blame the management if their paper is stopped.

Messrs Saunders, Newsom and Co., received last night by the S. S. Northumberland five fat cattle from Amherst. These fat cattle were shown at the Winter Fair and all were prize winners in their respective classes. These cattle were purchased from C. A. Archibald, Bellevue Stock Farm, Truro, N. S., and Harold E. Westermoreland Point, N. B., two of the leading breeders of short horn cattle in Eastern Canada.

The following is from the Earl Grey, Sask., "Coronet" of Nov. 22nd: "During the past week an important change has taken place in business circles, Messrs. Alex. Cruickshanks and Maynard McPhee having purchased the Hardware, Implement, Furniture and Undertaking Business, from the A. C. Beach Co. Our rising young townsmen have started a business career in such a manner as to make it easy for us to predict for them a large measure of success by advertising extensively. We congratulate them, and wish them the best of luck in their undertaking." The Mr. McPhee above referred to, is a native of this Province, being the only son of Allan McPhee of Earl Grey, Sask., formerly of North River, P. E. Island.

"The School that has won the confidence of the people." Union Commercial College. 8-31dtf.

BAKERY. No need of singing the praises of our Bakery Goods when all over town you can hear them praised by those who use our Cream Bread, Cakes, etc. daily. They are pure, wholesome and nutritious.

Stewart's Bakery. 163 Kent Street

Donations for St. Vincent's Orphanage will be received from 2 to 6 p. m. on Dec. 13 and 14 at the Bishop's Palace.

Rev. H. S. Erb will preach tomorrow as follows:—Cross Roads, 11 a. m.; Hazelbrook, 3 p. m.; Alexandra at 7 p. m.

W. S. Newson, City, shipped yesterday by the S. S. Northumberland five horses which will do credit to the stock raisers of Queen's County.

Mrs. A. A. McLean, of Charlottetown was the guest at a bridge party given recently in Ottawa by Mrs. George E. Foster. Cards were played at five tables. The hostess was charming in a rich gown of heliotrope satin veiled in chiffon and lace and the rooms were bright with vases of pink carnations.

The Advertiser of Footscray, Victoria, Australia, under date of October 21 contains a lengthened account of the life of the late James Cumming of that place whose death it records. Mr. Cumming was an elder brother of Charles Cumming, engineer of the S. S. Northumberland of this age and after spending some time in America arrived in Victoria in 1862. There he prospered by industry and thrift until he became the head of a large and important manufacturing company. He served twelve years in the city council of the town of Footscray and was its mayor for two terms. He was the first mayor after the town was made a city and the Advertiser tells that he signalled the occasion by a most lavish hospitality, entertaining Lord and Lady Hopetoun and other dignitaries at a banquet and treated between five and six thousand children at a picnic. The account proceeds: "Mr. Cumming was gifted with a kind and generous nature and has given abundant examples of his tender care for the poor and the needy, the sick and the afflicted. After many years of benefactions, to public charities, to religious and semi-private institutions, and to private cases, he had, of late years, instead of leaving institutions sums under his will, made the intended benefactions payable at once."

After noting some of his larger donations The Advertiser proceeds: "By dint of the policy pursued by Mr. Cumming while he lived; to enjoy the pleasures of that knowledge. He was a life governor, a member of the council, or patron of nearly every charitable institution, in or near Melbourne—hospitals, asylums, reformatories, homes for the aged, for children, for women and men, for incurables—each and all have been aided and assisted over their difficulties by his generous hand. He was a generous sport of sport, football, cricket bowling and rowing clubs extol his kindness, and in private life many have said of him as was said of old, "When the eye saw him it blessed him, and from the poor and needy he turned not away. The blessings of them who were ready to perish were upon him. His funeral was the most notable ever held in Footscray—the cortege being almost a mile in length, these in attendance including the Mayor and Council of Footscray, members of the State Government and many prominent citizens of Melbourne. The deceased gentleman had six times made the tour of the world and on his last world tour he visited his brother in this city."

CITY TAXES—A list of names for unpaid city taxes will be advertised in a few days—Parties that have not paid will please take notice. 11-28dtf.

Neilson's "The Chocolates that are different?" Don't forget a box when making up your Xmas list. We have them daintily boxed at prices ranging from 35 cents to \$2.50

Neilson's "The Chocolates that are different?" Johnson & Johnson

Give an Ensign Camera. The Ensign Camera is a gift that will please all ages of both sexes. It is a useful, valuable and practical article that has unusual merit as an all season entertainer and the styles we are showing now are so pretty and so strongly and well made that the gift is bound to delight, please, entertain and instruct. Ensign cameras \$1.50 to \$15. Also a full line of sundries and supplies for amateur photographers.

The 2 Macs. 149 Gt. George St.

Moore & McLeod. Today a Special exhibit of Men's Christmas Ties 50c packed in dainty Xmas boxes free

IN OUR SOUTHERN WINDOW you will see the finest showing of Christmas ties we have ever been able to make at the price. You will see all the new shapes, you will see silks, satins and knitted ties, you will see stripes, crossbars, Persians, Tapestries. Ties chosen, as we have said, by the three worst tie cranks in the city, and offered in range that will please every man. Boxed free.....50 cents

All Umbrellas over \$1. will be boxed free in Handsome Holly Xmas Box.

Lilaine the new Waisting fabric Try a length as Christmas Gift. Just send your friend a waist length of pretty, Lilaine. She will be sure to appreciate it, it is dainty, durable smart and stylish. Mostly in stripes—44 inches wide will wash like a cup and saucer—you cannot tear it if you try, and at the same time is dainty, pretty attractive.....75c yd

Suspender Sets, A nice Gift. AT THE FURNISHINGS counter you will find a nice range of well made suspenders, put up in handsome Christmas box for.....50c. You will find sets of Suspenders, Armlets and Garters, in all good colors, handsomely finished and put up in pretty box for just.....\$1.25

Charlottetown's finest showing of dainty Xmas Handk'fs. HANDKERCHIEFS MADE IN IRELAND—EMBROIDERED—in Armenia—in France or in the Azores. Think of it, half way round the World and back again in order to get you the prettiest, daintiest handkerchief that Charlottetown has ever seen at Christmas. Those dainty linen handkerchiefs made by the Irish Mills from softest Irish Linens, and embroidered mostly with dainty design at the corner, by the skilful fingers of French girls, offered at 18c 20c 25c 35c 50c 75c to 2.00 each. Irish Linen Handkerchiefs, with a dainty edge of Amelian Lace, an effect that cannot be produced properly anywhere but in its own home country, 50c 58c 75c to 1.75 each. Irish Linen Handkerchiefs, daintily embroidered by hand in the Azores, where labour does not cost in Canada, 35c 50c 75c to 2.00. All handkerchief purchase above 50 will be boxed free.

Gravenstein Apples. Try some Gravensteins, and you will have the best. We carry a special line of this grade and they are always fresh. Include these in your order to-day. We also keep a stock of other good cooking apples. L. A. Haszard, Grocer Grafton St. "Walking Sticks—If you are thinking of selecting a nice cane as a gift for a gentleman you should see our stock before making a choice. We have a special line for Xmas which we imported direct from England. The prices run from 50c up. Call early. E. A. Foster, Central Drug Store, Sunnyside. 12-9dtf. FURNITURE REPAIRING is a specialty with us. Phone us and our team will call. BEER & WEEKS. 12-24dtf. All linen hemstitched handkerchiefs for ladies 9c each or \$1.00 per dozen—Moore & McLeod. 12-2dtf. "Every sweater coat to be sold at a discount of 20 per cent. Six plain colors, and ten different color combinations in V neck or Presto collar. Prices range from \$1.25 to \$5.00 at 20 per cent. off. D. A. Bruce. 12-9dtf. PICTURE FRAMING—all kinds of mouldings. BEER & WEEKS. 11 23dtf. Women's and girls' Initial handkerchiefs at the great sale, plenty of them—practically every initial in the alphabet except 'X' and 'Z' ready here for you—Moore & McLeod. 12-2dtf. "Look up The Rogers Hardware Co's ad in this issue. 12-8dtf.

DODD'S KIDNEY PILLS. CURES RHEUMATISM, BRONCHITIS, GRAVEL, NEURALGIA, LUMBAGO, MIGRAINE, HEADACHE, INDIGESTION, BILIOUSNESS, AND ALL KIDNEY AFFECTIONS. NUMBER 23 THE PROPER

The Real Fragrance of The Rose. HARMONY ROSE GLYCERINE SOAP is the most wonderfully successful soap we have ever handled. Its makers have succeeded in imprisoning the fragrance of June roses in a beautiful clear glycerine soap. Try a cake or three. 10c, 3 for 25c. Sold only by

The MacKinnon Drug Co. Cor. Gt. Geo. and Kent Street

S. S. HARLAND TIME TABLE 1911. Commencing Oct. 1st the S. S. HARLAND will run as follows for balance of season—ARRIVE CHARLOTTETOWN LEAVE CHARLOTTETOWN Monday, 12.00 p. m. for Orwell, Halliday's and China Point. Tuesday, 2.00 p. m. for Orwell, Halliday's and China Point. Wednesday, 7.00 a. m. for East River. Thursday, 5.30 a. m. for East River. Friday, 2.00 p. m. for West River. Saturday, 8.00 a. m. for West River. Saturday, 2.00 p. m. for West River. Every alternate Monday will call at Vernon River Bridge on which days sailing will be according to tide. Freight for East and West Rivers and China Point must in all cases be prepaid.

Christmas Hints. Brass Candlesticks, Brass and Copper Kettles, Brass Inkstands, Brass Jardineres, Bridge Markers, Brass Table Gongs, Brass Wall Plaques, Brass Trays, something real chaste in Nippon China, Waterman's Selffilling Fountain Pens, Dainty Boxes of Xmas Stationery, Latest Novelties in Ladies' Shopping Bags, Ladies' and Gents' Purses and Card Cases, Gentlemen's Letter Cases. Something real nice—Music Cases for the dear girls, Leather Writing Tour-nists or cases, Leather Dressing Cases for Ladies and Gents, Bibles, Prayer Books and all kinds of Hymn Books, Books of Poems in elegant binding, Books of all kinds for grown ups and boys' and girls; choice selections of Xmas Postal Cards, Xmas Cards and Folders and Rare Calendars. Come to our Big Bazaar, THINGS ARE MOVING. Haszard & Moore dtfstf.