

THE CHARLOTTETOWN GUARDIAN

SATURDAY, OCTOBER 22, 1910

THE DEVELOPMENT OF WIRELESS TELEGRAPHY.

Quite recently Signor Marconi announced that from his new wireless station in Argentina he had received messages from Clifden, Ireland, and distance traversed being 5,600 miles. This represents the best record yet made in talking through the air, being more than one fifth of the circumference of the globe. In these days events move so rapidly that we are prone to forget the date at which some of the new marvels of our time had their beginning.

It was in 1897, only thirteen years ago that Signor Marconi sent his first wireless messages between Flat-holm and Lavernock, on the Welsh coast, a distance of little more than three miles. Sir William Preece had been experimenting for some years before, but Marconi claimed the attention of the world at the date above named for a very remarkable achievement. Since then development has been rapid. In December 1901 Marconi was able to flash the letter "S" across the Atlantic from Cornwall to Newfoundland, some 1800 miles. This was but a signal, however, and not a message.

In February 1902 messages were exchanged between the late King Edward and Lord Minto, being transmitted from Cornwall to Cape Breton. Ships had now begun to take on the wireless equipment and the S. S. Philadelphia on her westward trip remained in communication with Cornwall until half way across the Atlantic. Since then hundreds of steamships have been thus equipped and keep up communication with the shore and with other ships, while passengers on the ocean liners are regaled from day to day with wireless news from all about the world.

In October 1907 a regular press service at a reduced rate was established between Wales and Nova Scotia, which, however, was hampered from want of land connections for distribution, the cable companies being

in control of the land lines, and more or less hostile to the wireless. On January 23, 1909 the rescue of the S. Republic with her passengers and crew through the agency of the wireless gave a new impetus to the installation of this equipment on ocean steamers. The United States Congress enacted laws making it obligatory upon ocean going passenger steamers to be thus protected and the leading companies engaged in the manufacture of the wireless appliances were almost overwhelmed with orders.

In the earlier stages of developing this modern improvement it was thought necessary that the sending and receiving stations should have towers lifting the wires into the air to a height relative to the distance between them. It has since been found that for long distance transmission a powerful current is more important and the new station in Argentina is a notably high power station. The previous distance record to that now recorded was of about 3500 miles from a point near Honolulu to the Pacific coast of America.

It will be seen that in thirteen years the distance over which wireless messages could be transmitted has been extended from three miles to 5,600 miles, and the end is not yet. And the wireless telephone is now developing in like fashion and extending the distance yearly by more and more miles over which the speech of man to his fellow man can be made audible through the air. Marconi's first wireless messages were sent sixty years after Morse had achieved telegraphy by wire, and about forty years after the first Atlantic cable carried its message under the sea the wireless system was flashing its messages above the same stormy waters. All this has happened within the lifetime of persons still living at a good old age.

THE ROSE CURE FOR COLDS.

A London cable tells that from the perfume of the rose an antiseptic preparation has been evolved which is both a preventive and a cure for that widely prevalent malady known as cold in the head. This is good news, true, and the announcement is made on high medical authority. It serves to remind us of the great progress in medicine. In earlier ages the more nauseous the remedy the more effective it was thought to be. In these days the doctors give us such nice things in the way of remedies that it is almost a pleasure to engage their services.

And this appears to be sound allopathic practice. "Contraries cure contraries." What more diametrical opposites can there be than the perfume of the rose and the disagreeable sensations of a cold? Again, the rose

in its beauty of form and color delights the eye, and by its exquisite fragrance appeals to the olfactory organ. The common cold brings involuntary tears to the eye and paralyzes the sense of smell. Roses are born and flourish in the long sunny days of leafy June; colds are the common affliction that come to us with the shortened days of autumn and the gloom of falling leaves.

Wherefore by all the meaning of that immortal precept, the foundation of therapeutic art, contrariis curantur, rose perfume ought to be, as it undoubtedly must be a specific against colds. Strange that the learned doctors did not sooner discover the fact! But then we must remember that the skillful surgeons were carving the living human body for some two thousand years before they discovered that the blood circulated in our bodies. And how ignorant all the scientific and engineering world was during a like period of the wonderful potentialities of steam and electricity.

It is for the world humbly and gratefully to accept this noted medical discovery, that the perfume of the rose will cure a cold. We may now amend Pope's line, "Die of a rose in aromatic pain," or substitute for it the less poetic but more inspiring words, "Cured by a rose in aromatic joy."

CANADA'S INCREASING TRADE.

The total trade of Canada, that is the added imports and exports for the first year of the union, ended in 1868, was \$131,027,532.

The total trade of Canada for the year 1896 was \$239,025,260. Thus the increase in the first twenty-eight years after Confederation was \$108,000,000 in round numbers.

The total trade of Canada for the year ended with March, 1910, was \$693,211,221. This was more than five times the total for 1868, and showed an increase of more than \$464,000,000 in the past fourteen years. These are very striking figures and it would not have been surprising if the high-water mark of last year had been followed by an ebb of the tide.

Such has not been the case, however. The first six months of the current year shows an increase over the like months of last year of nearly

56 millions. (This is indeed remarkable as well as gratifying.)

SOME IMMIGRATION FIGURES.

A rather remarkable statement has been put forth by the Superintendent of Immigration as to the number of immigrant settlers arrived in Canada last year. It is remarkable in regard to the distribution by Provinces. Divided into groups it shows the following results: Maritime Provinces... 10,664 Quebec... 28,524 Ontario... 46,123 Manitoba... 21,049 Saskatchewan... 23,218 Alberta... 42,509 British Columbia... 30,532

According to this showing the number of settlers received in the five Provinces east of the Manitoba boundary was 85,311, while the prairie Provinces and British Columbia together got 123,308. No doubt the number of immigrants supposed to have settled in the Eastern and Central Provinces is largely balanced by the migration of native Canadians from these Provinces to the West.

Sir Hibbert Tupper has thought it worth while to publicly deny any in-

terference on his part to join his political fortunes with Sir Wilfrid Laurier. None the less it appears that he met the Liberal Chieftain in Montreal and they had "a quiet chat" of some length together in private. The Liberal Montreal Herald says that "only themselves know what it was about, but it is good guessing that it wasn't about the price of hay or the Wellman airship. The only thing they have in common is Mr. McBride, and him as a common enemy, present or future."

LETTER FROM INSPECTOR JENKINS.

Mr Editor: I am receiving a great many anonymous letters complaining of liquor selling in town and country. Other of the Inspectors say that the same practice occurs with them. I wish to notify those persons that no notice is taken of any information received in this way. The signature of the party supplying the stated facts, must in all cases be given, and the names of the informant will not be divulged.

I am pleased to report that I do not know of any place or places in Queens County outside of the City where intoxicating liquor is sold. A number of fines have lately been imposed and this has had a good effect in establishing respect for the Law. If any interested parties know of

The House of Quality Four of the Choicest Dress Goods Values on the Market



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FOUR Leaders in Dress Goods Diagonals The Season's Feature

Four splendid values that we strongly recommend. All-Wool Diagonal A great favorite both as to style and value. Beautiful soft rich diagonal suitings 42 inches wide, seven splendid shades 75c yd. Our big leader 47 inches wide in browns, blues, grey, wine, green and black, worth 1.00 yd. Our price 80c. Pure Wool German Broadcloths Perhaps the choicest shades to be had in the city we show in this line. The shades are so new and the price so reasonably 1.20 yd that we put it down as one of the best sellers in our fixtures \$1.20 Hapsack and Chevron Suitings Fashion's craze at present. These high class cloths are 52 inches wide, all woven with the new lock stitch which prevents pulling. Shades: steel grey, mulberry, brown, navy, myrtle green, new blues and blacks \$1.30 yd. Hygrade Broadcloth the best yet This cloth has become so well known that it almost sells itself. Its splendid draping qualities, its fine finish, wide range of colorings and low price \$1.75. Less discount places it in a class itself.

The Cream of the World's Best Makers You will find these numbers to be exceedingly popular Don't judge them by price alone but send a Trial Order. The quality and finish will please you Every piece and every color carry our fullest guarantee as to value, perfection of weave dye and finish.

PATON'S

Victoria Row

See a yard that's the price of any one of the eleven pieces of dress goods we have put on our counters this morning. Some of them are worth 98c per yard, not any worth less than 65c per yard. If you want a cut see them. They can't last long.

75c a yard takes a cut of any one of the nine pieces of all wool suitings (54 inches wide) laid out for today's selling. Some of the goods sold as high as \$1.95 per yd. Last year's goods. That's the reason.

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Phone 96

Ever Tried A Red Cross Plaster

It is a quick relief for Aches, Pains, Soreness

It Feels Good on The Back

Try one for a lame or weak back. Ten days treatment for 25c.

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We have an immense stock of gold and silver watches, all grades and sizes. Our name on a watch is the best guarantee of its quality you can have.

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ROCKWOOD CHOCOLATES

Our judgment and experience combine to produce the most attractive Chocolates. You'll understand the advantages of purity in stock and character of product, if you'll try a box of Rockwood Chocolates. Stocked by good dealers all over Canada.

The White Candy Co., Ltd. St. John, N.B.

"8 for 6 potatoes!—Beer & Weeks' annual potato competition offers a bad outfit value \$3.00 for the best 6 potatoes sent in—also a number of valuable prizes for "heaviest" potatoes submitted. Costs nothing to enter in either competition. Try it. Beer & Weeks—Furniture Headquarters. 10-20drtf.

"50c A YARD THAT'S THE PRICE OF ANY ONE OF THE ELEVEN PIECES OF DRESS GOODS WE HAVE PUT ON OUR COUNTERS THIS MORNING. SOME OF THEM ARE WORTH 98c PER YARD, NOT ANY WORTH LESS THAN 65c PER YARD. IF YOU WANT A CUT SEE THEM. THEY CAN'T LAST LONG. PATON'S. 10-21drtf.

"A snap in ladies wraps—worth \$1.50 now \$1.00. Act quickly, Simon Joseph, Queen St. 10-21drtf.

Your friends have been saving money on sample furs by purchasing from this store—you can do the same. Sample muffs and neckpieces from one of the biggest houses in the Business—bought one third under price—and offered for sale one third under price. Moore & McLeod 10 7drtf

The Sweet Home-Made Loaf appeals to all who appreciate Cameron's Bread Fresh every day at these GROCERS

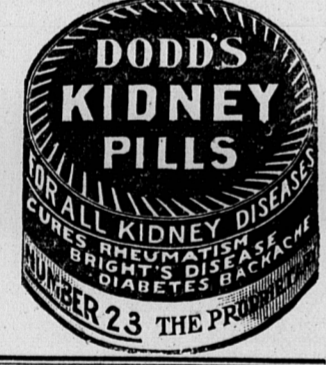
- Cameron Coffin & Co Smallwood M. & A. McLeod Wheatley Chappel's Grocery Nicholson Myrick & Co Cronin Mrs Trainor (Rochford St.)

TRY A LOAF 7 cts.

Leggins

It is leggin season again and we are ready to provide all good sorts. We are showing some very fine samples in women's leggins and over gaiters in black, brown, grey, blue, tan and taupe. Red and brown corduroy for infants and children, also black and tan in cloth.

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First Class...\$10.50 Second Class... 8.95 Return, First Class... 18.00

S. S. HALIFAX leaves CHARLOTTETOWN every Friday at noon for HAWKESBURY, HALIFAX and BOSTON.

Returning leaves BOSTON Tuesdays at noon.

T. NICOLL Agent, Charlottetown. 4-25drtf6m.

Which Would You Choose?

If you saw a row of apples every one different in size, ripeness and color and when you buy FIRE INSURANCE? The Cost of Insurance is substantially the same in all Companies but what you get for your money varies very much. Choose the "LIVERPOOL, LONDON & GLOBE" and "QUEEN" ins. Companies, which pay every honest loss big and little, liberally and promptly.

Ask the Sufferers in the Campbellton Fire which Companies they prefer. D. B. STEWART, Charlottetown GENERAL AGENT FOR The "QUEEN" & The "LIVERPOOL & LONDON & GLOBE" Ins. Cos. wththenstf.

DRESSED HOGS

We are now prepared to handle dressed hogs—but owing to uncertainty of weather condition we will not for the present take hogs over 140 lbs. See us before selling.

R. E. Mutch & Co.

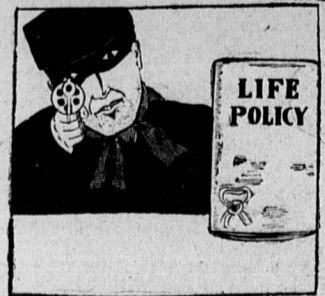
Charlottetown rsmwf.

The Uncertainty of Life

Has been the text of many a sermon. Have you made provision for your family against this uncertainty? Every wise and prudent man does, and it is criminal negligence to put off such an important matter until it is too late. We would like to talk the matter over with you.

Hyndman & Co Ltd

Charlottetown. PROVINCIAL MANAGERS. Great-West Life Assurance Co. S. M. Hicks, Agent at Summerside. T. E. McNutt, Soliciting Agent.



Cheap Groceries

During the next twenty days the groceries and all shelf goods of Jas. Kelly & Co will be sold out at greatly reduced prices. Housekeepers will do well to call and share in the bargains which are being offered.

10-13drtwf