

# OUR HOME PAGE

## "Nearly Lost Baby With Croup"

### Has Depended on Dr. Chase's Medicines for 25 Years

This letter from Mrs. Thompson gives you some idea of why so many thousands of people depend on Dr. Chase in the hour of sickness.



Dr. Chase's Syrup of Linseed and Turpentine has a permanent place in the great majority of Canadian homes because it is the most certain relief from Croup, Bronchitis, Whooping Cough and Asthma.

Mrs. Alex. Thompson, Whida, Alta., writes:—"When my first baby was born, I think she would have died from croup, before we could reach a doctor, if it had not been for a neighbor who had a bottle of Dr. Chase's Linseed and Turpentine in the house. This relieved her almost immediately. That was 21 years ago, and Dr. Chase's Medicines have been friends of ours ever since."

#### Bad Cold

Mr. H. D. James, Merigon, N.S., writes:—"I caught a bad cold in the early fall, and my head and chest became all stuffed up. The persistent use of Dr. Chase's Linseed and Turpentine completely relieved me, and I shall never be without a bottle of this excellent remedy in future."



## Dr. Chase's Syrup of Linseed and Turpentine

35c. a bottle. Family size, three times as much, 75c. All dealers or Edmanson, Bates & Co., Ltd., Toronto.

### HOUSEHOLD NOTES

#### Learn How to Cut Your Light Bills

Canada Receives a Boost From the Largest Labor Paper in the U. S.

The following article is taken from "Labor" and illustrates Ontario's achievements in the possession of the Hydro enterprise:

By Donald Ramsey

What is the electric light rate in your town?

It might be well to dig up one of your old bills and figure out how much less you'd have to pay if you lived where government ownership had been given a fair trial.

The Senate of the United States has been carrying on just such a comparison on a very large scale during the debate on Muscle Shoals, and Norris of Nebraska and his Progressive supporters have presented a mass of figures to prove that when government goes into business in good faith, it can get surprising results.

Figures Cited in the Senate

Among the cases cited by Senator Norris was that of Mrs. Cullom, the wife of a machinist living in Toronto, Canada. In one month Mrs. Cullom consumed 334 kilowatt hours of electricity for which she paid \$3.35. During the same month, Dr. Cora King of Washington, wife of Judson King, director of the People's Legislative Bureau, consumed exactly the same number of kilowatt hours, but she paid \$26.18.

In Canada, the Province of Ontario, under the efficient management of Sir Adam Beck, develops the power and wholesales it to the municipalities, which in turn retail it to the citizens.

Of course Mrs. Cullom used much more electricity than any machinist's

wife would have thought of using on this side of the border.

The investigator said she had "all the electrical appliances that are known." An electric fan in her kitchen, an electric stove on which she did all her cooking, an electric heater which heated water for all purposes, an electric washer, an electric iron, an electric toaster, and 50 electric lamps of 50 watt capacity. She could afford to be extravagant in the use of electricity because the price was low.

#### Opportunities Are at Hand

In Washington, Dr. King had to be much more economical. With her 334 kilowatt hours, she ran her office as well as her apartment.

"I call attention to these bills," said Senator Norris, "only to show what wonderful opportunities are at hand for the people of this country, and for that matter of the world, if this wonderful thing, electricity, coming into the daily life of everybody in the world, can be cheapened so that all the people, poor as well as rich, can have the benefit of it. Canada has demonstrated that it can be done. Why cannot the United States do it, Mr. President?"

As a matter of fact, the United States is doing it—in spots.

Senator Shipstead of Minnesota, who followed Senator Norris, brought out that point when he presented the case of Seattle, which has its own plant and competes with a privately owned concern.

In Seattle the people pay 5-1-2 cents for the first 40 kilowatt hours, for the next 200 kilowatt hours, 2 cents, and for everything above 240 kilowatt hours, 1 cent per kilowatt hour.

That is wonderful for the few fellows, but not quite as good as the Canadian rates for the little fellows.

lems, with the result that wireless telephony or radio as it is now called, has been brought to a very high state of perfection. This has led to radio telephone broadcasting, which began over 3 years ago and permitted those who already had radio sets to pick up interesting programs, lectures, etc. and radio caught on at once. To understand why a large audience was found immediately who were able to receive broadcasting, it should be explained, that there were even at that time many amateurs who owned both receiving and transmitting sets and who, fascinated by the marvels of wireless telegraphy, were interested in communicating with one another by the dot and dash signals of the morse code. As soon as the broadcasting of programs was established, these amateurs were provided with something interesting to listen to and sets were purchased very widely. Once begun, this wonderful innovation that has come into our daily lives has spread all over the world, the greatest development taking place in North America. There has been a remarkable growth of radio in England and on the continent of Europe, but since everything there is under strict supervision, radio has not made as much progress as it has on this side of the Atlantic. Nevertheless, there are eight large broadcasting stations in Great Britain and it is quite common for people there to listen to concerts from many different parts of their own country, and also to programs from Paris and Berlin. Having more freedom on this side of the Atlantic and much greater readiness to adopt new ideas, the growth of radio over here has been even more noticeable than in Europe.

It would be very difficult to say exactly how many receiving sets there are in use at the present time but the number of sets in Canada is estimated at anywhere from one hundred thousand to two hundred thousand sets. Broadcasting stations have been established in all of the large cities of North America, there being 560 stations in the United States and over 40 in Canada. In Montreal there are at present 3 large broadcasting stations that transmit regularly. The Canadian National Railways who have a station at Ottawa intend installing a chain of broadcasting stations all across the continent, and in the meantime are making use of station CHYC in Montreal and station CKP at Winnipeg in addition to their own stations CNRO at Ottawa and CNRA at Moncton.

#### Possibilities of Radio

Radio offers many interesting possibilities, in fact even those of its ac-

complishments that are best known are so wonderful as to be almost incredible. We simply run a short piece of wire, say from 50 to 150 feet long above the house or to a nearby tree and attach it to a radio set and on a good night we are able to pick up twenty or more concerts from stations a thousand miles or more away. Once we realize that this can be done we are prepared to admit the possibilities of a great many other things which are equally true, but more difficult to understand. Radio has been used as a link for connecting wire telephone lines. For instance, there is a radio link between Catalina Island off the coast of California and the mainland, two-way conversation being carried on between a subscriber on Catalina Island and a subscriber on the mainland just as if an ordinary wire telephone line joined these two places. Communication from the telephone set in your own house to a ship in mid-ocean is quite possible at the present time also two-way telephone conversation from your own set over a wire line to the sea shore and by radio across the Atlantic to a subscriber in London. Methods of doing this are completely developed and such service will be offered by the telephone companies when they feel that there is sufficient demand to pay for it. Some people are looking forward to a time when broadcasting equipment will be used in connection with religious services not only in sparsely populated communities, but also in order that very able preachers may reach large congregations over large areas in more thickly populated districts. Many other interesting possibilities will come to the front in the near future, one of which is the transmission of pictures by radio. It is possible at the present time to receive half tone pictures by radio that are as perfect or even more perfect than any that appear in the best magazines. Radio offers such immense possibilities that it is impossible to foretell what the future will bring forth.

#### Usefulness of Radio as it Exists at Present

In regard to the present usefulness of radio, it is of great use in providing entertainments from distant broadcasting stations, especially to those in lonely places. Entertainments of this kind are received regularly on moving trains. One may get the election returns by radio, or the latest results of hockey matches and so forth; radio sets have been installed in hospitals to give comfort to the patients. One of the greatest comforts to those who are confined to their beds in hospitals or at home is the broadcast reception of religious

services—perhaps to hear a sermon in this way, delivered direct from the lips of some beloved divine. Only those who have listened-in on a good broadcasting station have any idea how much more natural a voice sounds by radio than over the telephone.

On the more practical side one of the greatest fields of usefulness is evidently the broadcasting of weather reports, stock reports and market returns. One of the most striking advantages of the value of market reports is the case of an Indian in the far north who refuses to sell his skins until he consults his radio set or "spirit in the box" as he calls it, in order to find out the latest market prices. A particularly obvious instance of their usefulness is where a farmer is equally distant from two large cities. One of these cities may be glutted with the produce that he has for sale while in the other there may be an urgent demand for it. Obviously market reports by radio would tell him where to send his produce to get the highest price and it would be quite possible for him to save the price of his radio set on a single shipment.

#### Typo President Visits Toronto

James M. Lynch, president of the International Typographical Union, paid his visit to Toronto Union since his election as head of the printers' organization recently.

Some men of thirty-five are such cut-ups that one takes them to be fifty.



#### You can get your share

One Canadian Dept. Store receives an average of 10000 telephone orders in one day—many of them by Long Distance.

There are smaller stores in smaller towns that receive as large a percentage of orders by telephone.

No matter how small your establishment may be, you can get your share of telephone trade—if you organize to handle it and make a determined effort to get it.

If you are one of those ambitious merchants who realize that doing business by telephone is only at the beginning of a big expansion—count on our hearty co-operation.



#### DEAFNESS NOISES IN THE HEAD AND NASAL CATARRH CAN BE CURED

The new Continental Remedy called

"Larmaline" Regd. is a simple, harmless home-treatment which absolutely cures deafness, noises in the head, etc. NO EXPENSIVE APPLIANCES NEEDED for this new Ointment, instantly operates upon the affected parts with complete and permanent success. SCORES OF WONDERFUL CURES REPORTED.

RELIABLE TESTIMONY Mrs. E. Crowe, of Whitehorse Rd. Croydon, writes:—"I am pleased to tell you that the small tin of ointment you sent to me at Ventnor, has proved a complete success, my hearing is now quite normal, and the horrible head noises have ceased. The action of this new remedy must be very remarkable, for I have been troubled with these complaints for nearly ten years, and have had some of the very best medical advice together with other expensive ear instruments all to no purpose. I need hardly say how very grateful I am, for my life has undergone an entire change."

Try one box to-day, which can be forwarded to any address on receipt of money order for \$1.00. THERE IS NOTHING BETTER AT ANY PRICE. Address orders to Mgr. "Larmaline" Co., "Woodlands," Stone-roads, Darford, Kent, England.

## Consider This

THE result of the best thought of many geniuses covering a period of about 150 years—and the expenditure of millions of dollars in experiments and equipment—is what you buy for a most modest sum when you turn the switch that floods your home or business place with light or gives you power for a hundred uses, for which use of the present age should be duly thankful. And the citizens of Ottawa have a further cause for gratification in their own electric service, which keeps electric rates at their present low level.

### OTTAWA HYDRO-ELECTRIC COMMISSION

109 BANK STREET Phone 1901 Queen

## Special Reductions in Martin-Orme Pianos

A PIANO OF THE HIGHEST GRADE AT THE COST OF A CHEAP INSTRUMENT

MARTIN-ORME PIANOS are now on sale at a reduction of \$75.00 to \$125.00. Do not miss this exceptional opportunity to buy a really fine Piano at a reasonable price and on reasonable terms.

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MILK, CREAM, BUTTER AND ICE CREAM

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For sale by all first class grocers. There is nothing more delicious on Porridge and other cereals. For baking cakes, pies, etc., it excels.

## OBEY Health's Most Important Law

THE most important health law is the law of keeping well by eating the right foods. Pure milk, whole wheat bread, fresh fruits, green vegetables—these are the foods we must eat a large percentage of.

At the head of the list of health foods, doctors place milk—rich, pure, fresh milk like that which comes from The Farmers' Dairy. Milk which comes from healthy, well-nourished cows and is always pure and safe. Drink more of it! Have more Farmers' Dairy Milk in cooked dishes! Ask our salesman to increase your order beginning to-morrow.

Phone Hill. 4400

Our Salesman Will Call Next Trip

## THE FARMERS' DAIRY

Walmer Rd. & Bridgman St.



By W. B. Cartmel, B.S., M.A., M.E.I.C. The Northern Electric Co., Limited, Montreal

#### ARTICLE I.

#### THE GROWTH OF RADIO

The way in which radio has been forging ahead indicates that it will soon be very firmly established in our daily lives and this makes it desirable that something should be written for the special benefit of those who have heretofore taken but little interest in this subject. While the present series of articles has chiefly this object in view, nevertheless, on account of the introduction of up-to-date topics into the articles it is hoped that they will prove of general interest.

Radio is a development from wireless telegraphy which has been of great practical use during the last 20 years, especially for transatlantic telegraphy and for communication between ships. Men were not satisfied however, with communicating with one another by means of dot and dash signals and experiments have been in progress for more than

17-years with the object of making wireless telephony possible. One of the larger electrical companies has had an army of engineers working on these experiments for over 12 years and immense sums of money have been spent in working out these prob-

## Milk-fed Children Are Healthiest And Sturdiest

TO DEPRIVE a child of the milk that it needs is to rob it of its God-given heritage—the right to be healthy and useful in body and mind.

The growing child MUST have milk or it will perish.



Phone Queen 1188