

CANADIAN
ELECTRICAL NEWS

AND
STEAM ENGINEERING JOURNAL.

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THE FIRST CANADIAN ELECTRICAL JOURNAL.

THE fact is probably not very widely known that the publication of a journal devoted to the electrical interests was commenced in Montreal eleven years ago. Singularly enough it was called the "Canadian Electrical News."

For the benefit of our readers who are for the first time made aware of the existence of a Canadian electrical journal antecedent to the present one, and who may be curious to know what it looked like, we herewith present a fac-simile of the title page of the initial number reduced to one-quarter the original size, with the names of the publishers, Messrs. Hart Bros. & Co., and of Mr. John Horn, the editor, appearing thereon. The publication of an electrical journal at this early period, when the electrical industries, with the exception of the telegraph, were literally "in their infancy," was a task the magnitude of which the promoters of the enterprise seem not to have fully considered. The required amount of support in the shape of advertisements and subscriptions was not forthcoming, and with the sixth semi monthly number, the paper ceased publication.

Mr. John Horn, a well-known telegrapher of the early days, is still a resident of Montreal, and takes an active interest in everything pertaining to the application of electricity.

The following paragraphs, culled at random from the six copies of our predecessor, which happily have found their way into our possession, will doubtless have an interest for the "old timers" in the electrical field, and possibly also for those of more modern date:

Mr. Hugh C. Baker is Sup't of the Western Division of the Bell Telephone Co.

Mr. C. P. Sclater is Secretary-Treasurer of the Canada Bell Telephone Company in this city.

The Toronto branch of the Bell Telephone Co. of Canada is under the able management of Mr. Hugh Neilson.

Mr. George Black is the manager of the G. N. W. at Hamilton, Ont., a position he has ably held for many years.

Manager W. Y. Soper, for the Canada Mutual at Ottawa, is one of the best men that company has in its service

The Great North-Western Telegraph Company operate nearly 35,000 miles of wire, and are constantly adding thereto.

I. B. McFarlane is the Superintendent of the Eastern Division of the Bell Telephone Co. of Montreal, whose usefulness is constantly extending

The Bell Electric Light Company have removed their head office from London to Toronto, and have also reduced their number of directors to three.

The Canada Electric Light Company, of Toronto, have had their tender of 6ac. per light for 50 lights, recommended to the City Council for acceptance.

Mr. Erasmus Wiman, President of the G. N. W., has promised to distribute in New York 15,000 programmes for the St. Jean Baptiste festival next June

The Bell Telephone Co's exchange office at Toronto, which occupies the southern wing of the Mail building, was burned out on the morning of the 24th May.

Mr. H. P. Dwight, the General Manager of the G. N. W., Toronto, positively refused to produce the telegrams passing between the politicians in the bribery case now going on in this city.

We hear the trial test of electric lights by the two companies at Toronto is giving great satisfaction. The three months experiment, we have no doubt, will end in a contract for their continuous use.

The number of telephone subscribers in the principal towns of the Dominion up to January, 1884, was only 3,256. It will thus be seen there is plenty of room for an extension of this exceedingly useful invention.

The average cost of a well-built telegraph or telephone line, say of No. 8 galvanized wire, with 35 poles to the mile, including the cost of setting the poles, stringing the wire and transportation, is about \$165 per mile.

To the uninitiated we would state for electric light purposes the wire is a pure copper. No. 6 size, with insulation of double braided cotton coated with white lead, making it impervious to the weather and absolutely safe to handle, especially in connection with the automatic cut-outs.

Wm. Mackenzie, one of Montreal's leading stock brokers and financiers, is noted as a keen, shrewd and cautious business man. He is also Secretary of the Stock Exchange. Many years ago he was an expert operator in the old Montreal Company's service.

The Toronto Electric Light Co has for officers Messrs E. Strachan Cox, President, John T. Beckwith, Vice-President, Robt. Myles, Secretary-Treasurer, and Mr. S. Hamburger as General Manager. We hope later on to say something more of the active operations of this Company.

The electors of Magdalen Island, in the county of Gaspé, and of the Island of Anticosti, in the county of Saguenay, vote by means of the telegraph at election of members for the House of Commons during periods when communication between the island and the railroad is wholly interrupted in consequence of the closing of navigation by the ice

The Royal Electric Company is about to be incorporated by the following gentlemen Richard W. Elmenhorst, President of the St. Lawrence Sugar Refinery, Thomas Davidson, Manager North British Mercantile Insurance Company, E. S. Clouston, Manager of the Bank of Montreal, Gilbert Scott, of Wm. Dow & Co; James Crathern, of Crathern & Caverhill, M. Lee Ross, H. E. Irvine, George R. Robertson, and J. Cassie Hatton, Q.C.

THE
CANADIAN ELECTRICAL NEWS

JNO HORN. EDITOR
VOL. I MONTREAL MARCH 31 1884 No 1

WE BELIEVE THE TIME HAS ARRIVED FOR THE REGULAR PUBLICATION OF AN ORGAN DEVOTED EXCLUSIVELY TO THE LARGE AND GROWING INTERESTS OF THE
TELEGRAPH, TELEPHONE AND ELECTRIC LIGHT

ELECTRICAL PROGRESS
THROUGHOUT THE LENGTH AND BREADTH OF THE DOMINION

Having spent many years in the business as a practical operator and manager in this city and New York I hope from the knowledge and observation thus acquired to make the JOURNAL instructive, interesting, and valuable to the practical telegrapher, the electrician as well as to the man of science

We believe there are not less than five thousand electrical stations of various kinds, such as the Telegraph Telephone Electric Light Fire Alarm District Telegraph and Railway Companies, who, with their ten thousand employees, from the Gulf of St. Lawrence to the Pacific Coast, have been so far unrepresented by any Journal of this kind

The Canadian Electrical News

Will consist of eight pages royal quarto and will be published on the 1st and 15th of every month. We shall endeavour to make it, in every respect a first class

TELEGRAPHIC AND ELECTRICAL NEWSPAPER.

All matters relative to Electrical Science will be discussed in a progressive independent and liberal spirit, and the efforts of the paper will be to aid the scientific, and contribute to the advancement of all those engaged in the profession

Correspondence from all parts of the Dominion or from the United States, or abroad giving such Changes, Promotions, Incidents, and Items of electrical interest, Personalities, Inventions and other matters that may bear on the science, and especially those relating to the

TELEGRAPH, TELEPHONE, OR ELECTRIC LIGHT

are earnestly solicited

We hope, from time to time to illustrate with original engravings, any new and interesting inventions and other subjects pertaining to ELECTRIC SCIENCE

The CANADIAN ELECTRICAL NEWS is the only paper in the Dominion devoted exclusively to the TELEGRAPH, TELEPHONE, AND ELECTRIC LIGHT INTERESTS.

It will be issued at \$1.00 per annum payable in advance
A limited number of advertisements will be inserted

Your subscription and cordial co-operation in furnishing us with all suitable items that may come under your personal observation is particularly requested

JNO. HORN, Editor.

All business communications, subscriptions or letters relating to advertising, should be addressed to the publishers

HART BROTHERS & CO.,
32 Victoria Square, Montreal