Vol. VIII.—No. 3.

1880.—OTTAWA, MARCH—1880.

Vol. VIII.—No. 3

and MINING PLANTS.

NEW YORK.

Sind for Catalogue.

COPELAND & BACON

HOISTING ENGINES.

MILLER BROS. & MITCHELL

THE STANDARD AMERICAN ROCK DRILLING and AIR COMPRESSING MACHINERY.



FOR

The Highest American Tunneling Record.

COMPANY,

Manufacture Mining, Blasting, Military and Sporting

Gunpowder,

DYNAMITE, DAULIN, and the new

ECLIPSE MINING POWDER

DOMINION AGENTS FOR

Safety Fuse, Electric Blasting Apparatus, &c.

OFFICE

103 ST. FRANCOIS XAVIER STREET MONTREAL.

BRANCH OFFICES & MAGAZINES at all chief distributing points in Canada.

ATLANTIC CANADA

BETWEEN

Ottawa and Montreal

AND ALL POINTS EAST & SOUTH.

The only road in Canada running trains lighted with electricity and heated by steam from the engine. Luxurious Buffet Pullman Palace Cars on all trains between Ottawa and Montreal. Only line running through Sleeping Cars between

Ottawa, Boston and New York

And all New England and New York points.

Baggage checked to all points and passed by Cus-

Baggage Circuits to the state of the state o

S. EBBS, City Passenger Agent, 24 Sparks St., OTTAWA GEO. H. PHILLIPS, Gen. Agent, VALLEYFIELD

A. E. CAIRNS, General Agent, 136 St. Jemes St., Montreal. Or at 260 Washington St., Boston, and 317 Broadway, New York.

PERCY R. TODD, General Passenger Agent

E. J. CHAMBERLIN,

General Manager, General Offices, Ottawa.

THE SHORTEST PASSENGER ROUTE

THE BELL TELEPHONE CO.

OF. CANADA.

ANDREW ROBERTSON, -C. F. SISE. VICE-PRESIDENT C. P. SCLATER, - SECRETARY-TREASURER

HEAD OFFICE. - MONTREAL.

H. C. BAKER, Manager Ontario Department, Hamilton.

This Company will sell its instruments at prices ranging from \$10 to \$25 per set. These instruments are under the protection of the Company's patents, and purchasers are therefore entirely free from risk of litigation.

This Company will arrange to connect places not having telegraphic facilities with the nearest telegraph office, or it will build private lines for firms or individuals, connecting their places of business or residences. It is also prepared to manufacture all kinds of electrical apparatus.

Full particulars can be obtained the at Company's offices as above, or at St. John, N.B., Halilax, N.S., Winnipeg, Man., Victoria, B.C.



GEORGE BENGOUGH. GENERAL AGENT.

36 Ming Street, TORONTO.

ALEX. FLECK, JUN.,

MANUFACTURERS OF Steam Rock Drills

HOISTING ENGINES,

Mining & Contractors' Plant

&c., &c.

110 TO 120 KING STREET, MONTREAL, QUE.

Manufacturer of every Description of

Mill Machinery

Water Wheels, Steam Engines, Beilers, Derricks. Steam Pumps and Mining Machinery.

Brass and Iron Casting of every Description.

VULCAN IRON WORKS, WELLINGTON ST OTTAWA.

DYNAMO ELECTRIC MACHINES and LAMPS



ARC and INCAMPESCENT

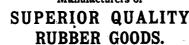
MINING **PURPOSES**



OF MONTREAL.

J. O. GRAVEL, Secy.-Treas.

F. Scholes, M'g. Dir. Manufacturers of



Our Rubber Belting is Unequalled in America.

Rubber Packings of all kinds. Rubber Engine, Hydrant, Suction, Steam, Brewers' and Fire Hose. Moulded Goods of every description.

J. H. WALKER, Manager.



Western Branch cor. Front and Yonge Sts. TORONTO.