of many enterprising citizens to reach after

point. Merchants, millers and all classes of business men talk in a contented and satis-

factory strain on trade as it has come their

way. Most stores are employing more clerks

benefit to all who found work in loading and unloading.

new industries, the position of Barrio geo-graphically being valuable as a distributing The Simcoe Peat Fuel Company commenced operations a few days ago, and this industry promises to give employment to a large number of men.

Business at W. Freek's brickyard, R. A. Thomas' creamery, Rodgers & Gallie's sash and door factory, and other centres of industry is reported brisk.

The growing time is also seen in the desire

A. C. NEFF

CHARTERED ACCOUNTANT

## THE LARGEST DOCK ON THE AMERI-CAN CONTINENT.

than they had two years ago.—The Globe.

The Department of Public Works has recently had under consideration the tenders for the extension of the Lorne graving dock at Levis, opposite the city of Quebec, and it is now practically settled that the contract will go to Thomas Powers, of Levis, who is the lowest tenderer.

The departmental estimate of the cost of the proposed extension is \$117,000. work to be done is of a very difficult character, consisting almost entirely of rock excavation. It is proposed to extend the dock from its present length of 445 feet, to 600 feet, which will then make it equal to the capacity of any vessel entering the St. Lawrence River.

The construction of the dock was originally commenced by the Harbour Commission of Quebec in 1873, and was assumed later by the Government, and completed in 1889. The present dimensions are as follows: Length 445 feet, width at coping level 100 feet, width at bottom 73 feet, width at entrance 62 feet, depth of water on sill at highwater spring tides 26½ feet, neap tides 20½ feet. The cost was \$910,000.

It may be mentioned that the dock at Esquimalt, B. C., which was completed in 1888, at a cost of \$1,149,146, is 480 feet long and 90 feet wide. This dock is also the property of the Dominion Government. The Atlantic graving dock at Halifax, N. S., which was opened in September, 1899, was the first to be constructed on the Atlantic coast of Canada, and until the Lorne dock extension is completed will be the largest on extension is completed will be the largest on the continent. It is 595 feet long and 102 feet wide, so that it will be beaten by the enlarged dock at Levis by five feet. The dock is controlled by the Halifax Graving Dock Company, but the promoters received a subsidy from the Imperial and Canadian Governments, and from the city of Halifax, than also guaranteeing its construction thereby guaranteeing its construction.

The graving dock at Kingston, Ont., which is Federal property, was finished in November, 1891. It is 280 feet long and 79 feet wide, and cost \$461,097.

The Levis dock will be large enough to accommodate such ocean greyhounds as the Teutonic, which is 582 feet long, or the New York, which is 580 feet. It could not, however, accommodate the Oceanic which is 704 feet long.

Incidentally, it may be mentioned that in August, 1897, the United States Government had to send one of their men-of-war, the Indiana, to be docked at Halifax, as there was no dock large enough in the United States.

The annual general meeting of share-holders of the Lake of the Woods Milling Company was held in Montreal a few days ago. A dividend of S per cent, on the capital stock of the company was declared for the year ending August 31st, 1899. The company are increasing their capital by one million dollars. The out-put of the present mills will be largely increased, and new mills will be creeted.



For IRON FENCING, BANK and OFFICE RAIL-

Toronto Fence & Ornamental Iron Works 99 Queen St. East, Toronto.

### BROWN & CO.



Manufacturers of Square and Hexagon

HOT PRESSED NUTS.

PARIS, - ONT.

#### Paris Electro Plating Co. PARIS STATION, ONT.

Manufacturers of

Stove and Piano Trimmings and Novelties Fine Grey Iron Castings a Specialty.

Nickel, Copper and Brass Electro Plating. WRITE FOR PRICES.

## FIRSTBROOK BROS.

### Dovetail and Packing Boxes

Top-Pins, Side Blocks and Cross Arms. Wood Printers, Etc. Cigar Boxes. Shipping Cases. TORONTO, ONTARIO Write for Prices.

#### JOHN J. GARTSHORE,

83 Front St. West, Toronto.

RAILWAY, TRAMWAY, and

# ....Contractors' Supplies

METALS and SCRAP IRON Bought and Sold.

## PATENTS

TRADE MARKS, Etc.

HANBURY A. BUDDEN

NEW YORK LIFE BUILDING, MONTREAL.

### F. R. F. BROWN, M.I.M.E. Consulting Engineer,

Talephone Main 3351.

Machinery, Lolling Stock, Engines and Boilers of every description supplied. Inquiries a specialty. ARBITRATIONS. VALUATIONS. 22 Street Railway Chambers, Montreal.

#### \*\*\*\*\*\*\*\*\* CHARLES H. MITCHELL, B.A. Sc.

C.E. (Tor. Univ.), A.M. Can. Soc. C.E. Civil and Hydraulic Engineer, NIAGARA FALLS, CAN.

Special attention given to Water Power Development and Improvement.



SUBSCRIBE FOR The Ganadian Manufacturer. ONE DOLLAR A YEAR.

#### Room 500 McKinnon Bldg., TORONTO. Tol. 1330.

Audits and Investigations a Specialty.

# METAL "SPINNING"



in BRASS, COPPER, ALUMINUM. ZINC, SILVER, etc.

We are the only Job Spinners in Cauada. Write for prices on anything in the Spinning line.

EDMUNDS & CO. 14 Temperance St. TORONTO

#### A neutral sub-GARBONIZER A neutral sub-stance, harmless

to animal fibre or tissue, while it destroys burrs, etc., as

efficiently as acid. It leaves the wool in fine condition. Manufactured by the Merrimac Chemical Co., 13 PEARL ST.

## J. ALEX. CULVERWELL, Electrical and Mechanical

BROKER,

Special Agent Royal Victoria Life.

5 King Street West. -- TORONTO.

#### CANADA IN NEW ZEALAND.

We are Importers of Canadian Goods and Manufacturers Agents. . . . .

The YEREX & JONES CO., WELLINGTON, - NEW ZEALAND. REFERENCES-The Palon Bank of Australia, Limited, Wellington.

#### TORONTO MACHINE SCREW CO.



Hexagon AND Square Head Cap Screws.

Steel and Iron Set Screws





109] Adelaide St. W.

Write today for a free copy of our interesting books "Inventors itelp" and "How you are swindled." We have extensive experience in the intricate patent laws of 60 foreign countries. Send sketch, model or photo, for free nelvice. MARION & MARION, Experis. New York Life Ibilding, Montreal, and Atlantic Building, Washington, D. C.