

Leading Wholesale Trade of Montreal.

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SOLE AGENTS FOR THE

Chambly Shovel Works,

MANUFACTURERS OF

Lowman's Celebrated Cast Steel Socket
Shovels, Spades, &c.,

All in one piece without rivets or straps.

Warranted the best in the world.

MORLAND, WATSON & CO.,

385 & 387 ST. PAUL ST.,
MONTREAL.

with the bed, rendering the approaches shorter and less abrupt than is usually the case, the depth of water, he says, being of no consequence, and, when the work is well organized, it can be carried forward very rapidly. His plan embraces two coffer dams, one on each side, and two more at equal distances from the side dams, further out; at each of these sinking a shaft to the tunnel bed, the earth to be taken out at the nearest shaft and the materials for construction passed through the same. The tunnel would have a flat bed, a semicircular arch being constructed of masonry, with buttress supports on each side.

An improved hydraulic motor for running light machinery—a Swiss invention—is said to answer an admirable purpose in many of the smaller industries. The apparatus consists of an oscillating engine placed within a perfectly water-tight outer casing, into which the water enters at one side and leaves at the other. The oscillating engine cylinder, driven by the water, swings in bearings, suitable entrance and exit ports of the bearing permitting alternately the entrance and discharge of water from the cylinder. The piston rod of the cylinder is pivoted to a crank disk of the driving shaft, and the power is transmitted to the machinery by a friction cone and belting, and can be arranged to run the same at different speeds. The regulating air chamber secures uniformity of motion under various pressures. The casing is attached by screws at any suitable point near the machine to be operated, and the water can be con-

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JOHN TAYLOR & BRO.,

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veyed thereto by rubber pipes. No oiling is necessary, as the apparatus works entirely in water, which forms a sufficient lubricant. This kind of motor must prove very useful, as it is said to be capable of making from 120 to 500 revolutions per minute, with an average water consumption of forty gallons.

A correspondent of the London Times says:

It is a fact worth noting that only on the four following occasions since 1773 has the Bank of England minimum rate of discount been so low as two per cent. at which it now stands, namely:—April 22, 1852, to January 6, 1853; July 24, 1862, to October 30, 1862; July 25, 1867, to November 12, 1868; July 13, 1871, to September 21, 1871.

Official notice is given by the Superintendent of Insurance, that the Ottawa Agricultural Insurance Co., and the Stadacona Fire & Life Insurance Co., having complied with the conditions of the statute, the former having deposited with the Receiver-General \$50,000, and the latter \$54,198, have received licenses to transact fire and life insurance business respectively.

The crops throughout the Province of Quebec, will give a bountiful yield this season. In the Townships, the grain is more plump and of better quality than any remembered by the oldest inhabitant; and we have equally assuring reports from other parts of the Dominion.

Leading Wholesale Trade of Montreal.

FAIRBANKS'**STANDARD****SCALES,**HIGHEST PRIZES AT PARIS, VIENNA
AND MONTREAL.

The most accurate.
The most durable.
The most convenient.
In every respect worthy of the most implicit confidence.

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MONTREAL.**JOHN McARTHUR & SON,**

Importers of and Dealers in

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DRY AND GROUND IN OIL.

VARNISHES, OILS,

WINDOW GLASS,

STAR, DIAMOND STAR

AND

Double Diamond Star Brands.

English 16, 21 and 26 oz. Sheet.
ROLLED, ROUGH AND POLISHED
PLATE GLASS.

COLORED, PLAIN AND

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SHEET GLASS.

PAINTERS AND ARTISTS MATERIALS.

CHEMICALS, DYE STUFFS,
NAVAL STORES, &c., &c., &c.

OFFICES AND WAREHOUSES:

310, 312, 314 and 316 St. Paul Street,

AND

253, 255 and 257 Commissioners Street,
MONTREAL.

The Hotel du Louvre has just been sold together with its furniture and fittings, and it was bought by M.M. Chauchard and Heriot for 17,500,050f. (\$3,500,010). There was only one bid made for it. The upset price was \$3,500,000. M.M. Chauchard and Heriot advanced \$10 more, and the great hotel was knocked down to them at that insignificant sum beyond the reserve. They are also the proprietors of the large store in the first story of the building.