

ELECTRIC BI

Superior to all chers for exploding any make of dynamite or blasting powder. Each fuse folded separately and packed in neat paper boxes of 50 each. All tested and warranted. Single and double strength, with any length of wires.

"PULL-UP" BLASTING MACHINE.

The strongest and most powerful machine ever made for Electric Blasting. No. 3 fires 30 holes. No. 4 fires No. 5 fires 100 holes. They are especially adapted for submarine blasting, large railroad quarrying, and mining works.

VICTOR BLASTING MACRINE.

No. 1 fires 5 to 8 holes; weighs only 15 lbs. Adapted for prospecting, stump blasting, well sinking, etc. Standard Electric Fuse and Blast Tester, Wire Reels, new design. Leading and Connecting Wires.

Manufactured only by

JAMES MACBETH & CO.,

128 MAIDEN LANE, NEW YORK CITY



OPERATED BY ELECTRICITY AND AIR POWER.

JEFFREY CHAIN BELTING For Elevators, Conveyors for ann ling Coal, Ores, &c. Also Manufacturers of Coal Chutes, Tipples, &c. Coal Drills, Motor Cars, Etc., Etc.

COAL SCREENS.



Mines Examined and Estimates Made. SEND FOR 1893 CATALOGUE.

THE JEFFREY MANFG. COMPANY.

New York Branch, 168 Washington St. COLUMBUS, OHIO. Chicago, Branch, 48 South Canal St. Robb Engineering Company, Agents, Amherst, Nova Scotia.

MINING AND MILL MACHINERY.

Steam Engines, Rock Crushers, Boilers, Derricks, Steam Pumps, Water Wheels, Brass and Iron Castings of every description.

ALEX. FLECK, VULCAN IRON WORKS, OTTAWA.



HEAVY WIRE CLOTH

RIDDLES OF ALL DESCRIPTIONS

ALWAYS IN STOCK

BRASS, IRON AND STEEL



23 & 25 COTE STREET, MONTREAL Send Specifications and get Quotations.





VAN DUZEN'S STEAM JET PUMP.

From 5 to 40 Dollars Each.

SAVES YOU BUYING A \$500.00 PUMP.

For the following uses:
For pumping cold water, liquids other than water, and air and vacuum pump. For paper mills, chemical, gas and sugar works, tanneries, mines, quarries, irrigating, draining, etc.

GARTH & CO., MONTREAL.



Send for Catalogue and Price List.

CARRIER, LAINE & CO.,

FOUNDERS, MACHINISTS AND BOILER MAKERS,

LEVIS, QUE.

Engines, Boilers, Steam Pumps, Hoisting Gear and all Machinery for Miners, Contractors and Quarrymen. Also Builders' Castings, Stoves, Stove Fittings, Hollowware, Flour and Saw Mill Machinery, Marine Engines and Boilers, etc., etc.

WRITE FOR OUR PRICES.