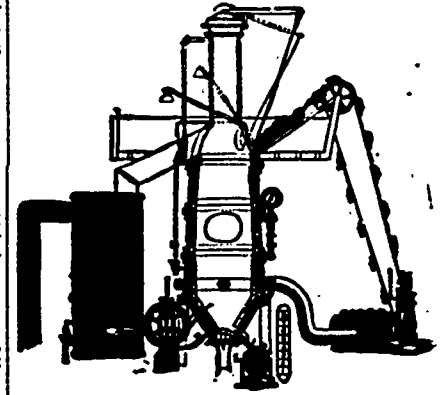


WANTED.
A ROCK BREAKER.
 State lowest cash price and give breadth of jaws, diameter of pulley, and all particulars.
 Address—
 CANADIAN MINING REVIEW,
 OTTAWA, ONT.

WANTED.
 TWO EXPERIENCED
MICA CUTTERS.
 Steady employment and good wages.
 Apply at office of
 CANADIAN MINING REVIEW,
 Union Chambers, 14 Metcalfe St., Ottawa.

PHOSPHATE PROPERTY
 In the Township of Portland West,
FOR SALE.
 Lots 25, 26, 27 and 28, in the 3rd range. Some excellent surface shows have been uncovered on these lots and only require capital for developing. Price and particulars given at the Office of the MINING REVIEW.

The engraving represents the
Hartsfeld Transportable Water Jacketed Smelting Furnace, Metal Dust Condenser and a Separator Crucible, manufactured by the



HARTSFELD
Portable Smelting Furnace and Mining Co.,

NEWPORT, KENTUCKY, U.S.A.

In sizes from 5 to 60 ton capacity, and by the following licensed manufacturers on Royalty:

IMRAY & CO., London, Eng., and Melbourne, Australia.

F.A. HUNTINGTON & CO., Chihuahua Mexico.

BARKE, LACY & CO., Auckland and Chili, S.A.

W. T. GARRETT & CO., San Francisco, Cal., for the Pacific Coast.

McILVAIN & SPIEGEL, Cincinnati, Ohio.

Letters Patent have been secured in all principle foreign countries, and are sold in shares, trade, royalty or otherwise. Run your eye over this and return answer, "silence means no!" Catalogue free.

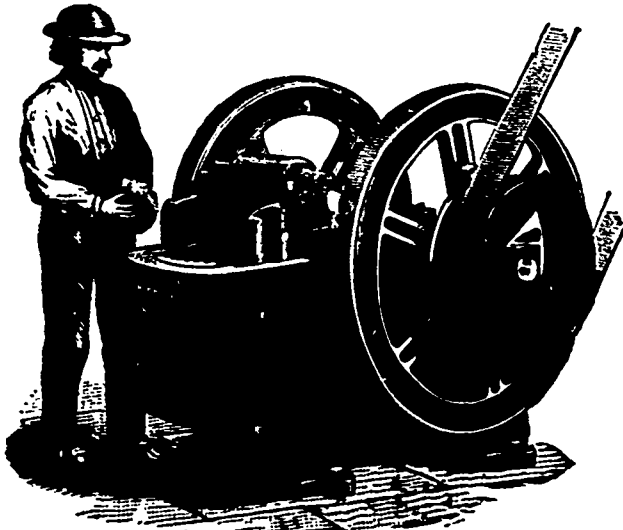
This furnace requires no more care or attention than an ordinary steam boiler, and can be run as long and with as little loss of time or expense for repairs. Full information will be furnished by the

Hartsfeld Portable Smelting Furnace & Mining Co.

P.O. Box 115, Newport, K.V., U.S. of A.

Reduction Works, Nos. 90 and 92 Thomson St.

ROCK AND ORE BREAKERS OR CRUSHERS.



"THE BLAKE STYLE."

This style of Rock Breaker after 15 years practical test at HOME and ABROAD has proved to be the BEST ever designed for the purpose of breaking all kinds of hard and brittle substances, such as QUARTZ, EMERY, CORRUNDUM,

GOLD AND SILVER ORES,
 ASBESTOS, COAL, PLASTER, IRON ORES, MANGANESE, OCHRE, COPPER, TIN and LEAD ORES. Also for making RAILROAD BALLAST and CONCRETE.

Mr. S. L. MARSDEN, who for the past twenty years has been connected with the manufacture of the "Blake's Crusher," New Haven, superintends the construction of this machine.

Awarded GOLD MEDAL at the Massachusetts Mechanics' Association, 1891, and SILVER MEDAL (special), American Institute, 1892.

ADDRESS:

FARRELL FOUNDRY & MACHINE CO.,
 SOLE MANUFACTURERS,
 ANSONIA, CONN., U.S.A.

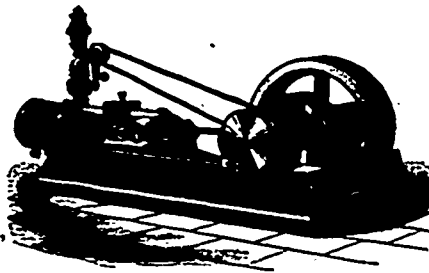
LIDGERWOOD'S HOISTING ENGINES.

—ALSO—

IMPROVED BOILERS,
 SPECIALLY ADAPTED FOR
MINING PURPOSES.

CONTRACTORS,
 Electric Lighting, Pile Driving, Dock Building,
 Excavating, &c., ALL SIZES.

New catalogues now ready.



L. STATIONARY ENGINE.

Lidgerwood M'fg. Co., 96 Liberty St., New York



ELEVATORS FOR ROCK, WATER, COAL, ORE, EARTH, GROUND PHOSPHATE.

Notice to Contractors.

SEALED TENDERS addressed to the undersigned and endorsed "Tender for Hot-water Heating Apparatus, Post Office Building, Hull, P. Q.," will be received at this office until WEDNESDAY, 19th Jan., for the erection and completion of a

Hot-water Heating Apparatus,
 —AT THE—
Post Office, &c., Building, Hull, P.Q.

Plans and specifications can be seen at the Department of Public Works, Ottawa, on and after SATURDAY, 5th inst.

Persons tendering are notified that tenders will not be considered unless made on the printed forms supplied, and signed with their actual signatures. Each tender must be accompanied by an accepted bank cheque made payable to the order of the Honorable the Minister of Public Works, equal to five per cent. of the amount of the tender, which will be forfeited if the party decline to enter into a contract when called upon to do so, or if he fail to complete the work contracted for. If the tender be not accepted the cheque will be returned.

The Department does not bind itself to accept the lowest or any tender.

By order,
 A. GOBEIL,
 Secretary.

Department of Public Works,
 Ottawa, 24th December 1886.

WATEROUS ENGINE WORKS CO., Brantford & Winnipeg.

Department of Public Works,
 Ottawa, 3rd January, 1887.

FOR ROCK, WATER, COAL, ORE, EARTH, GROUND PHOSPHATE.

K 1
 ATTACHMENT, for attaching EWART LINK BELT to the back of ELEVATOR BUCKETS.

Made on nearly all sizes of Chain.

G 1
 Right and Left, for attaching EWART LINK BELT to the ends of ELEVATOR BUCKETS.

This attachment is only made on Nos. 77, 75 and 82 chain.

CONVEYORS FOR ALL PURPOSES
 OF ANY CAPACITY.

Send particulars of work to be done distance from centre to centre, etc.

ESTIMATES
 Furnished Cheerfully.

SOLE MANUFACTURERS IN THE DOMINION FOR EWART PATENT LINK BELTING.

W. E. W. CO.

Notice to Contractors.

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The Department does not bind itself to accept the lowest or any tender.

By order,
 A. GOBEIL,
 Secretary.

Department of Public Works,
 Ottawa, 3rd January, 1887.

Notice to Contractors.

SEALED TENDERS addressed to the undersigned and endorsed "Tender for Millland Harbor Works," will be received until Tuesday, the 25th day of January, 1887, inclusively, for the construction of Works at Millland, Simcoe County, Ontario, according to a plan and specification to be seen on application to the Reeve, Millland, at the office of the Resident Engineer, Millland Division of the Grand Trunk Railway, Peterborough, and at the Department of Public Works, Ottawa, where printed forms of tender can be obtained.

Persons desirous of tendering are requested to make personal enquiry relative to the work to be done, and to examine the locality themselves, and are notified that tenders will not be considered unless made on the printed forms supplied, the blanks properly filled in, and signed with their actual signatures.

Each tender must be accompanied by an accepted bank cheque made payable to the order of the Honorable the Minister of Public Works, for the sum of one thousand dollars (\$1,000), which will be forfeited if the party decline to enter into a contract when called upon to do so, or if he fail to complete the work contracted for. If the tender be not accepted the cheque will be returned.

The Department does not bind itself to accept the lowest or any tender.

By order,
 A. GOBEIL,
 Secretary.

Department of Public Works,
 Ottawa, 24th December 1886.