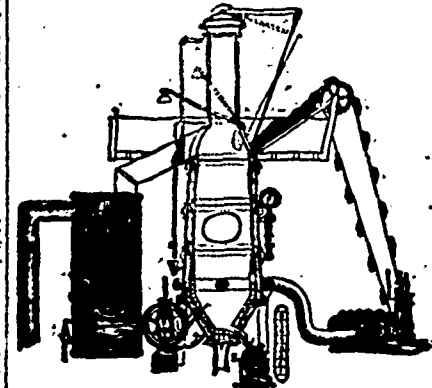


**WANTED.**  
**A ROCK BREAKER.**  
 State lowest cash price and give breadth of jaws, diameter of pulley, and all particulars.  
 Address—  
**CANADIAN MINING REVIEW,**  
 OTTAWA, ONT.

**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**



**HARTSFORD**  
**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.  
**PARKE, LACY & CO.,** Auckland and Chili, S.A.  
**W. T. GARRETT & C.O.,** San Francisco, Cal., for the Pacific Coast.  
**MCLIVAIN & SPIEGEL,** Cincinnati, Ohio.

Letters Patent have been secured in all principal 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.Y., U.S. of A.  
 Reduction Works No. 90 and 92 Thornton 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, CORUNDUM,

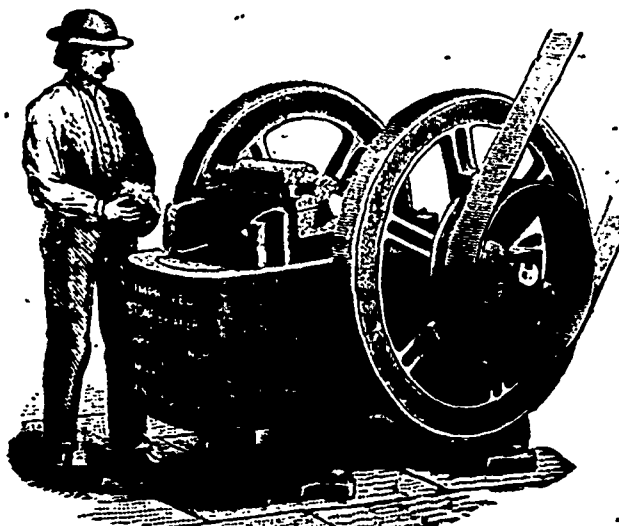
**GOLD AND SILVER ORES,**  
 ASBESTOS, COAL, PLASTER, IRON ORES, MANGANESE, OCHRE, COPPER, TIN and LEAD ORES. Also for making RAILROAD BALLAST and CONCRETE.

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, 1881, and SILVER MEDAL (special), American Institute, 1882.

ADDRESS:

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

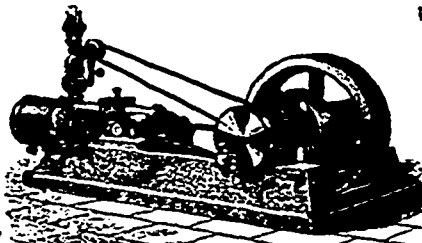


**LIDGERWOOD'S HOISTING ENGINES.**

—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**



**MAIL CONTRACT.**

SEALED TENDERS, addressed to the Postmaster General will be received at Ottawa until noon on FRIDAY, 17th December, 1886, for the conveyance of Her Majesty's Mails, on a proposed Contract for four years, three times per week each way, between ASHTON and PROSPECT, from the 1st January next.

Printed notices containing further information as to conditions of proposed Contract may be seen and blank forms of Tender may be obtained at the Post Offices of Ashton, Munster, Dwyer Hill and Prospect, and at this office.

T. P. FRENCH,  
 Post Office Inspector.

Post Office Inspector's Office,  
 Ottawa, 23rd Oct., 1886.

**Notice to Contractors.**

SEALED TENDERS addressed to the undersigned will be received at this Office until FRIDAY, the 19th instant, for the Clearing and Removal of Snow, etc., from the Public Buildings, Ottawa; and also for the Removal of Snow, etc., from the roofs of buildings, out-buildings, walks, avenues or roads, etc., etc., at Rideau Hall.

Forms of Tender and Specifications can be had at this office, where all necessary information can be obtained.

Separate Tenders will be required for each work, and must be endorsed "Tender for Removal of Snow, Public Buildings," and "Removal of Snow, Rideau Hall," respectively.

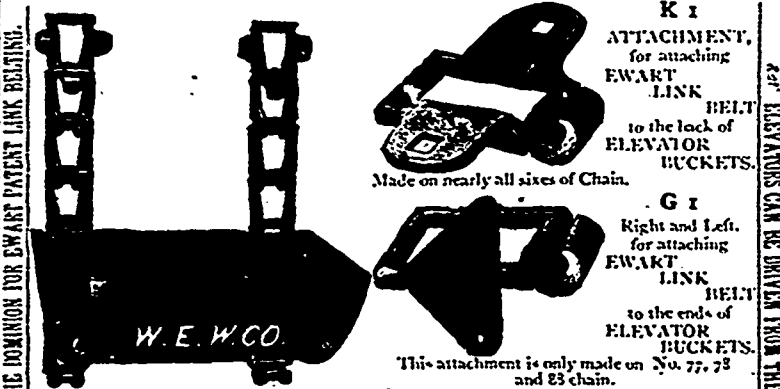
Each tender must be accompanied by an accepted bank cheque made payable to the order of the Honorable the Minister of Public Works, equal to five per cent. of the amount of the tender, which will be forfeited if the party decline to enter into a contract when called upon to do so, or if he fail to complete the work contracted for. If the tender be not accepted the cheque will be returned.

The Department will not be bound to accept the lowest or any tender.

By order,  
 A. GOHEIL,  
 Secretary

Department of Public Works,  
 Ottawa, 12th Nov., 1886.

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



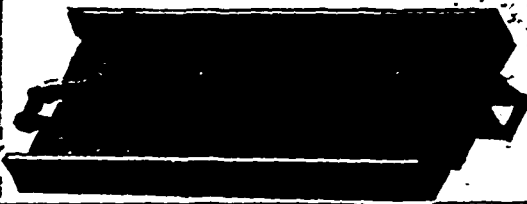
**K I**  
 ATTACHMENT,  
 for attaching  
**EWART**  
 LINK  
 BELT  
 to the lock of  
**ELEVATOR**  
 BUCKETS.

Made on nearly all sizes of Chain.

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

This attachment is only made on No. 77, 73 and 83 chain.

**CONVEYORS FOR ALL PURPOSES.**  
 OF ANY CAPACITY.



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

ESTIMATES  
 Furnished Cheerfully.

**WATEROUS ENGINE WORKS CO., Brantford & Winnipeg.**

**Notice to Contractors.**

SEALED TENDERS addressed to the undersigned, and endorsed "Tender for Du Lievre Works" will be received until FRIDAY, the 27th day of NOVEMBER, next, inclusively, for the construction of a Lock and Dam and works in connection therewith, on the River Du Lievre at Little Rapids, Ottawa County, Quebec, in accordance with a plan and specification to be seen at the Department of Public Works, Ottawa, on and after Friday, the 3th of November, next, 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 two thousand five hundred dollars (\$2,500) 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. GOHEIL,  
 Secretary.

Department of Public Works,  
 Ottawa, 30th October, 1886.