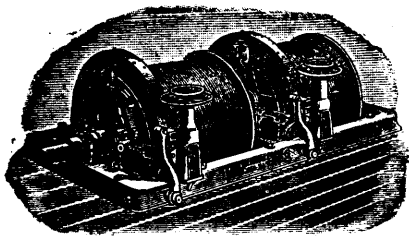


M. C. BULLOCK MANFG. CO.

CHICAGO, U.S.A.



Band Friction Hoist.

Lane's Patent - **HOISTS**
- Band Friction

FOR ANY SERVICE.

ECONOMICAL,
SAFE,
AND
RELIABLE.

WIRE ROPE HAULAGE OF CARS. EXPLORING HOISTS.

Corliss and Side Valve Engines,

GENERAL MINING MACHINERY.

SPECIFY REQUIREMENTS WHEN WRITING FOR PRICES.

Bullock's Diamond Rock Boring Drills

FOR

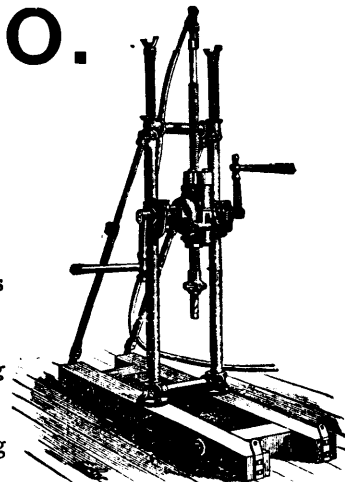
**PROSPECTING AND DEVELOPING
MINERAL LANDS.**

Holes bored at any angle, and solid cores
(or specimens) removed from all
strata penetrated.

Hand and Horse Power Drills for prospecting
in localities inaccessible to
Steam Drills.

Power Drills (15 styles) adapted for boring
from surface or underground to
depths varying from

100 TO 3,000 FEET.



"Bravo" Hand Power Drill.
Capacity. 400 feet. 1 3/4" hole 12-16"

Gates Rock and Ore Breaker.

CAPACITY IN TONS OF 2,000 POUNDS.

Size 0-2 to 4 tons per hour.

" 1-4 to 8 " "
" 2-6 to 12 " "
" 3-10 to 20 " "

Size 4-15 to 30 tons per hour.

" 5-25 to 40 " "
" 6-30 to 60 " "
" 7-40 to 75 " "
" 8-100 to 150 " "

Passing 3/4 in. ring, according to character and hardness of material.

GREAT SAVING IN POWER. ADJUSTABLE TO ANY DEGREE OF FINENESS.

The principle involved in this Breaker is acknowledged to be the greatest success ever introduced into Stone Breaking Machinery. The Gates Breaker has made more railroad ballast and road metal than all other kinds of Breakers combined.

Universally Adopted by Mining Companies. Many Hundreds used by Railway Companies.

Will furnish a thousand references from Contractors, Street Superintendents, Mines, Cement Manufacturers, etc., etc.

ALSO MANUFACTURED BY

WATEROUS ENGINE WORKS CO. (Limited.)

Address, for CATALOGUE,

Or **GATES IRON WORKS**, 50 P. South Clinton Street, Chicago, U.S.A.

Branch Offices - 41 Dey St., New York City; 73a Queen Victoria St., London, Eng.

Brantford, Ont., Canada.

TOOLS, MACHINERY & MINING SUPPLIES.

Iron,	Steel,	Pipe,	Valves,	Fittings,	Rope,	Chains,	Rails,	Tools.
-------	--------	-------	---------	-----------	-------	---------	--------	--------

RICE LEWIS & SON, LTD.

GENERAL HARDWARE MERCHANTS,
33 KING STREET EAST.

TORONTO.

DIAMOND ROCK DRILLS.

For prospecting Mineral Veins and Deposits, Boring Vertically, Horizontally or at any angle, to any desired depth, taking out a Cylindrical Section or Core the entire distance, showing exact character, and giving a perfect section of the strata penetrated. Also for Boring Artesian Wells perfectly straight, round and true.

Machines for Channelling, Gadding, and all kinds of Quarry Work, Shaft Sinking, Tunnelling, Mining, Railroad, and all classes of Rock-Boring.

THE "DIAMOND DRILL" Received the Highest Award at the **CENTENNIAL EXHIBITION**
For "Originality of Method; Simplicity in its Construction; Convenience in its application; Value of Results Obtained; Cheapness and Remarkable Speed."

It has also received the highest awards at the AMERICAN INSTITUTE FAIR, New York, and the FRANKLIN INSTITUTE FAIR, of Philadelphia, Pa.

Manufactured by

THE AMERICAN DIAMOND ROCK BORING CO.

No. 15 Cortlandt Street, New York.

P. O. BOX 1442.

Cable Address, OCCIDUOUS New York.

Send for Catalogues and Price List.

