

The Knowledge Bank at The Ohio State University
Ohio Mining Journal

Title: Back Matter

Issue Date: Nov-1882

Citation: Ohio Mining Journal, vol. 1, no. 1 (November, 1882).

URI: <http://hdl.handle.net/1811/32318>

Appears in Collections: [Ohio Mining Journal: Volume 1, no. 1 \(November, 1882\)](#)

ROBT. M. HAZELTON,
Civil and Mining Engineer,
YOUNGSTOWN, OHIO.

ROBT. S. PAUL,
Civil and Mining Engineer,
AKRON, OHIO.

FRASER & CHALMERS,
BUILDERS OF
Hoisting Engines, Cages & Buckets for Coal Mines,
IMPROVED HOISTING MACHINERY.
145 Fulton Street, CHICAGO, ILL.

THOS. MIDDLETON,
SUPERINTENDENT OF MINES,

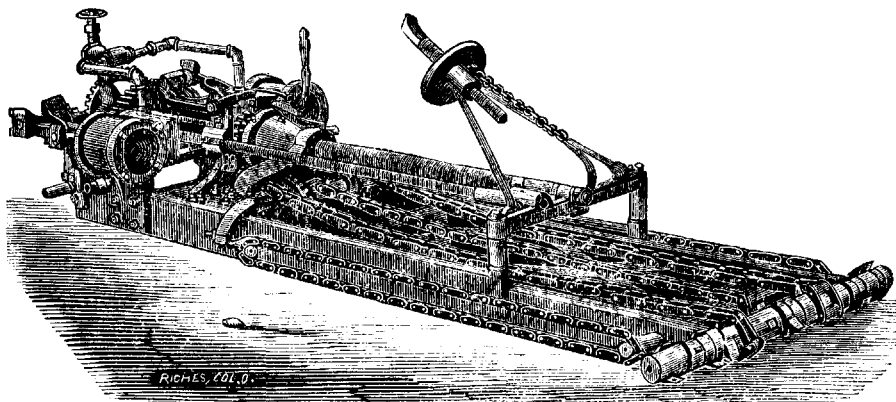
Will Survey and Map Mines, and Advise on questions affecting the
working and ventilation of Mines.

POMEROY, OHIO.

THE LECHNER MINING MACHINE,

The Advantages of this Machine over all other Coal Cutting Machines are many, viz:

- 1st. The expense of the Machine will not exceed from \$650 to \$800 according to size.
- 2d. The weight of the Machine is from 1,000 to 1,400 lbs.
- 3d. REQUIRES NO TRACK.
- 4th. Is easily and quickly handled by two men.
- 5th. DRIVES ALL ENTRIES and TURNS THE ROOMS.
- 6th. The power is applied direct.
- 7th. No Cross Strain.
- 8th. Attacks the coal from the face.
- 9th. Is also adapted to long wall work.



Will undercut from 100 to 120 feet face 5 feet under, in 10 hours.

SEND FOR CIRCULARS.

Address, LECHNER MINING MACHINE CO.,

COLUMBUS, OHIO.

ROUND
AND
FLAT

WIRE ROPE

For Mining
and all other
Purposes.

MANUFACTURED BY THE

JOHN A. ROEBLING'S SONS' CO.,

Trenton, New Jersey,

AND

117 LIBERTY STREET,

NEW YORK.

PRICE LISTS ON APPLICATION.

TRANSFERRED TO MAIN

