

LIDGERWOOD MANUF'G CO.

96 LIBERTY ST, NEW YORK,

Largest Manufacturers in the United States of Hoisting Machinery of Every Description for Mines, Tunnel Work, Contractors, and General Hoisting Purposes.

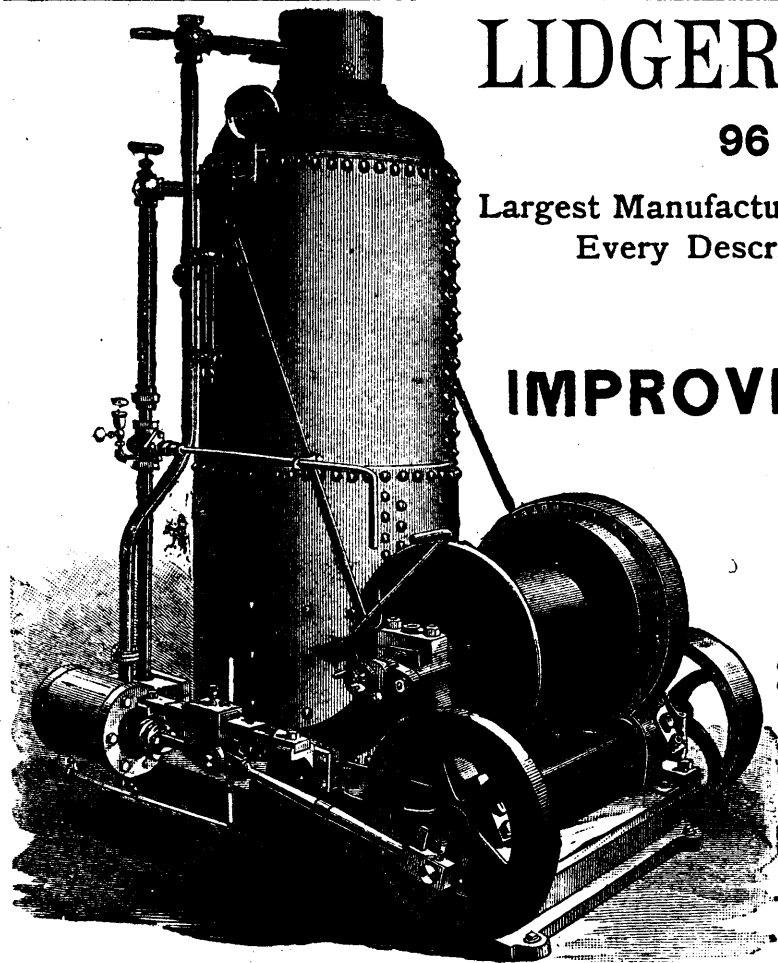
IMPROVED HOISTING ENGINES

FOR MINING PURPOSES A SPECIALTY.

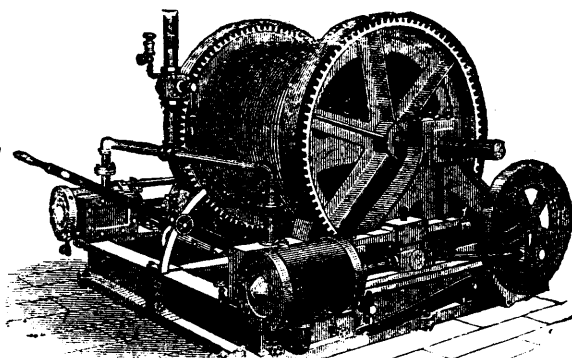
Over 5,000 Engines in Use!

300 Styles
and Sizes.

Send for
CATALOGUE.



FRICITION DRUM PORTABLE HOISTING ENGINE.



Double Cylinder Reversible Mine Engine.

New York Belting & Packing Co.

15 PARK ROW, NEW YORK

JOHN H. CHEEVER, Treasurer.

J. D. CHEEVER, Dep'y Treasurer.

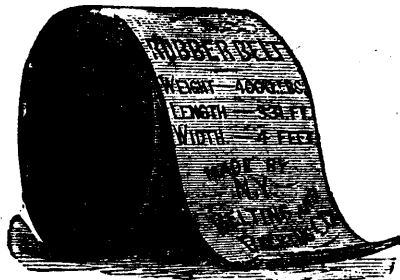
Oldest and largest Manufacturers in the United States of

VULCANIZED RUBBER FABRICS

FOR MECHANICAL PURPOSES.

EXTRA RUBBER BELTING AND HOSE

FOR MINING PURPOSES.



RUBBER BELTING.

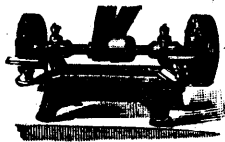
CIRCULAR WOVEN SEAMLESS, ANTI-SEPTIC RUBBER LINED

"CABLE" HOSE & TEST HOSE

For the use of Steam Engines, Force Pumps, Rolling Mills, Iron Works, Factories, etc. Woven in a superior manner to insure wear, compactness and durability.



"TEST HOSE."



Emery Vulcanite Wheel.

SOLID VULCANITE EMERY WHEELS

(Large Wheels made on iron centers)

Cuts Cooler and Freer than any other other wheel in the market.

W. D. ALLEN & CO.,
151 Lake St., Chicago.
European Branch: Pickhuben, 5, Hamburg (Freihafengebeit), Germany.

H. D. EDWARDS & CO.,
Detroit.

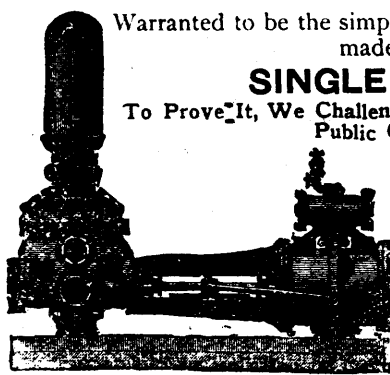
The M. T. DAVIDSON

IMPROVED MINING PUMP.

Warranted to be the simplest and most efficient Steam Pump made, whether it be

SINGLE OR DUPLEX.

To Prove It, We Challenge All Makers of Steam Pumps to a Public Competitive Test.



COMPOUND PUMPING ENGINES,

Obtaining a higher duty than any direct-acting pump made.

MANUFACTURED BY THE

Davidson Steam Pump
COMPANY,

New York Office, - - - 77 Liberty Street.

ROOT'S SPIRAL RIVETED PIPE

FOR

Hydraulic Mining,
Water Works,
Ranch and Railroad
Water Supplies.



From 2 to 24 inches in diameter and 1 to 25 in length. Manufactured with fittings to suit, capable of withstanding any desired pressure.

ABENDROTH & ROOT MFG. CO.

28 Cliff Street, New York.

Chicago Branch, - - SMITH & KNAPP, 312 Dearborn Street