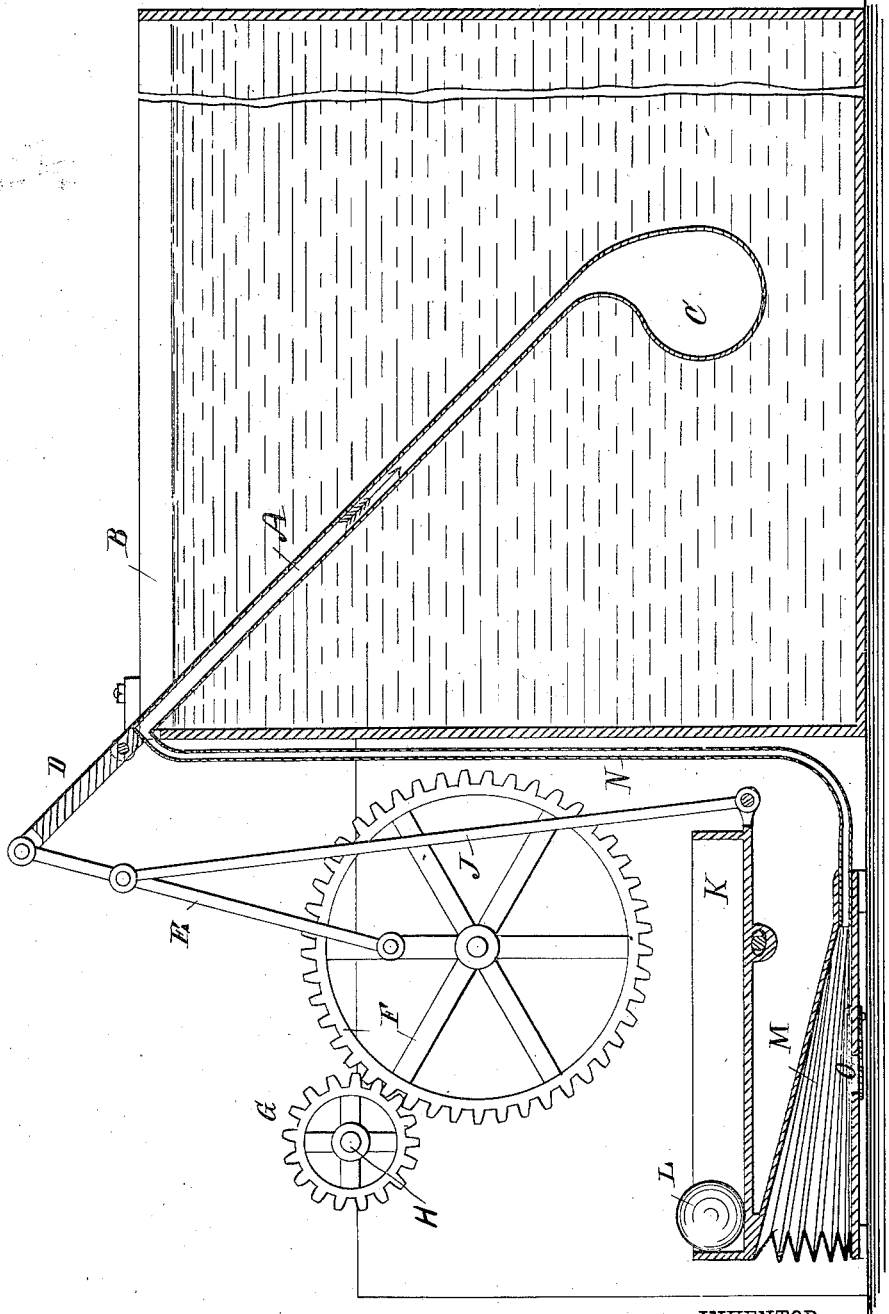


(No Model.)

J. SUTLIFF, Sr.
MOTOR.

No. 257,103.

Patented Apr. 25, 1882.



WITNESSES:

Theo. G. Norton
C. Senquick

INVENTOR:

J. Sutliff, Sr.
BY *Munn & Co.*
ATTORNEYS.