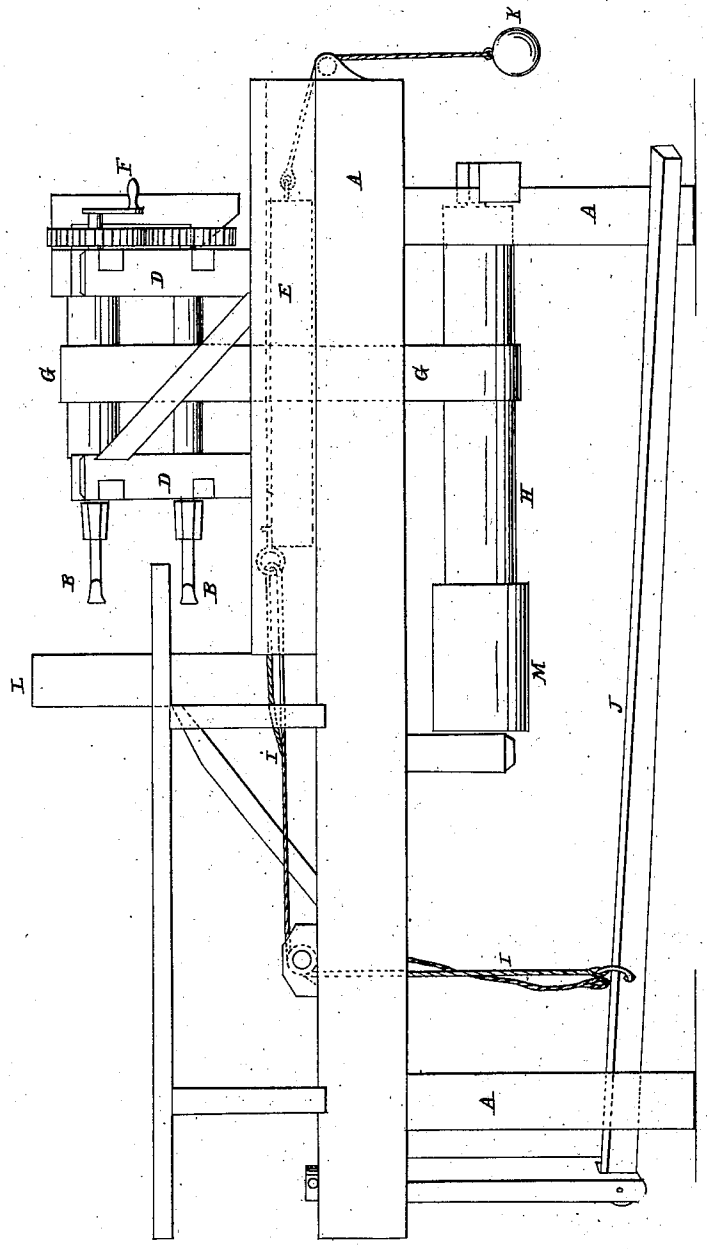
T. P. Bashford.

Drilling Metal Plates.

No. 52,815. Patented Feb. 27, 1866.



Witnesses:

Gilbert B. Fowles

J. Musser Reigart

Inventor:

Irman P. Bashford

By his Atty

S. Franklin Reigart

UNITED STATES PATENT OFFICE.

TRUMAN P. BASHFORD, OF DECATUR, MICHIGAN.

IMPROVED DRILLING-MACHINE.

Specification forming part of Letters Patent No. **52,815**, dated February 27, 1866.

To all whom it may concern:

Be it known that I, TRUMAN P. BASHFORD, of Decatur, Van Buren county, State of Michigan, have invented new and useful Improvements in Machines for Drilling Metal Plates; and I do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the arrangement and combination of the two drills driven by a belt and engine or by a crank and cog-gearing while they travel back and forth on a movable frame operated by a treadle and weight.

A represents the frame or table that supports the operating devices; B B, the steel drills resting horizontally on posts D D, mortised permanently to the movable platform E. The drills B are operated by the crank F or belt G of the driving-shaft H. The movable platform E is drawn forward by the ropes I attached to the treadle J, and moved backward by the weight K.

The plate to be bored or drilled is placed against the upright post L, and the machine or drills B being set in motion by the crank For band-pulley M, the treadle J is pressed down and the platform E moves forward, and the drills B operate against the plate set before them.

What I claim as my invention, and desire to secure by Letters Patent, is—

The arrangement and combination of the drills B, platform E, ropes I, treadle J, and weight K, when operated by crank F or belt G, as herein described, and for the purposes set forth.

TRUMAN P. BASHFORD.

Witnesses:

J. FRANKLIN REIGART,

HENRY H. THOMAS.