(No Model.)

C. D. BLEVINS.

BORING MACHINE.

No. 260,362. Patented July 4, 1882.

Fig. 1.

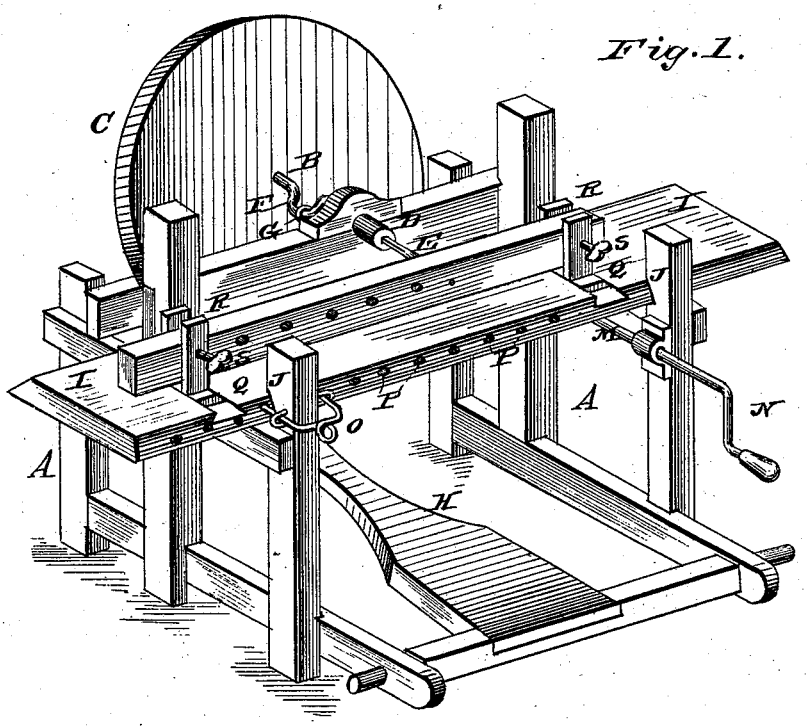


Fig. 2.

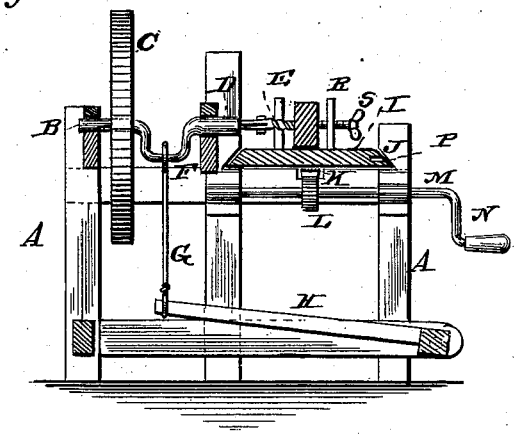
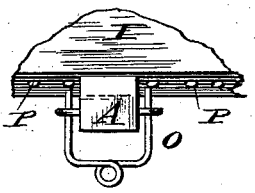


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CHRISTOPHER D. BLEVINS, OF RICHMOND, KENTUCKY.

BORING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 260,362, dated July 4, 1882.

Application filed March 25, 1882. (No model.)

To all whom it may concern:

Be it known that I, CHRISTOPHER D. BLEVINS, of Richmond, in the county of Madison and State of Kentucky, have invented certain new and useful Improvements in Machines for Drilling Fence-Posts; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a perspective view. Fig. 2 is a vertical sectional view, and Fig. 3 is a detail view.

Corresponding parts in the several figures are denoted by like letters of reference.

This invention relates to machines for boring posts; and it consists in certain improvements in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claim.

Referring to the drawings hereto annexed, A represents the frame of the machine, which is provided with suitable bearings for a crank-shaft, B, carrying a fly-wheel, C. The front end of crank-shaft B has a socket, D, to receive the boring-tool E, and the crank F of the machine is connected by a pitman, G, with the end of a treadle, H, by which the machine is operated.

I is the bed of the machine, the edges of which are beveled, so as to fit in suitable dovetailed grooves, J, in the sides of frame A, thus enabling the bed-plate I to slide transversely to and facing the boring-tool. Bed-plate I is provided on its under side with a longitudinal rack, K, engaging a pinion, L, upon a shaft, M, at one end of the machine. Said shaft has a crank, N, by which it may be turned, thus sliding the bed-plate in either direction.

To retain the bed-plate in any desired position to which it may be adjusted, I provide a catch, O, pivoted to one of the posts or uprights of the frame, and capable of engaging any one of a series of perforations, P, in the side of plate I.

The bed-plate I is provided with two parallel transverse dovetailed grooves, Q Q, to receive the sliding clamps R R, having thumb-screws S S, by which the article to be bored may be secured in the said clamps.

In operation the post or article to be bored is secured in the clamps R. The crank N is then turned until the bed-plate I is adjusted to its proper position, where it is retained by the catch O. The post is then, together with the clamps R, in which it is held, slid forward against the boring-tool, which is meanwhile being operated by the treadle mechanism described. When the perforation has been made the post is withdrawn from the auger and the bed-plate released from the catch, after which the crank may be turned so as to move it the desired distance before boring the next hole.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The combination of the frame A, the bed-plate I, having rack K and perforations P, the shaft M, having pinion L and crank N, and the catch O, substantially as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

CHRISTOPHER DANIEL BLEVINS.

Witnesses:
C. H. TAYLOR,
S. F. JOHNSON.