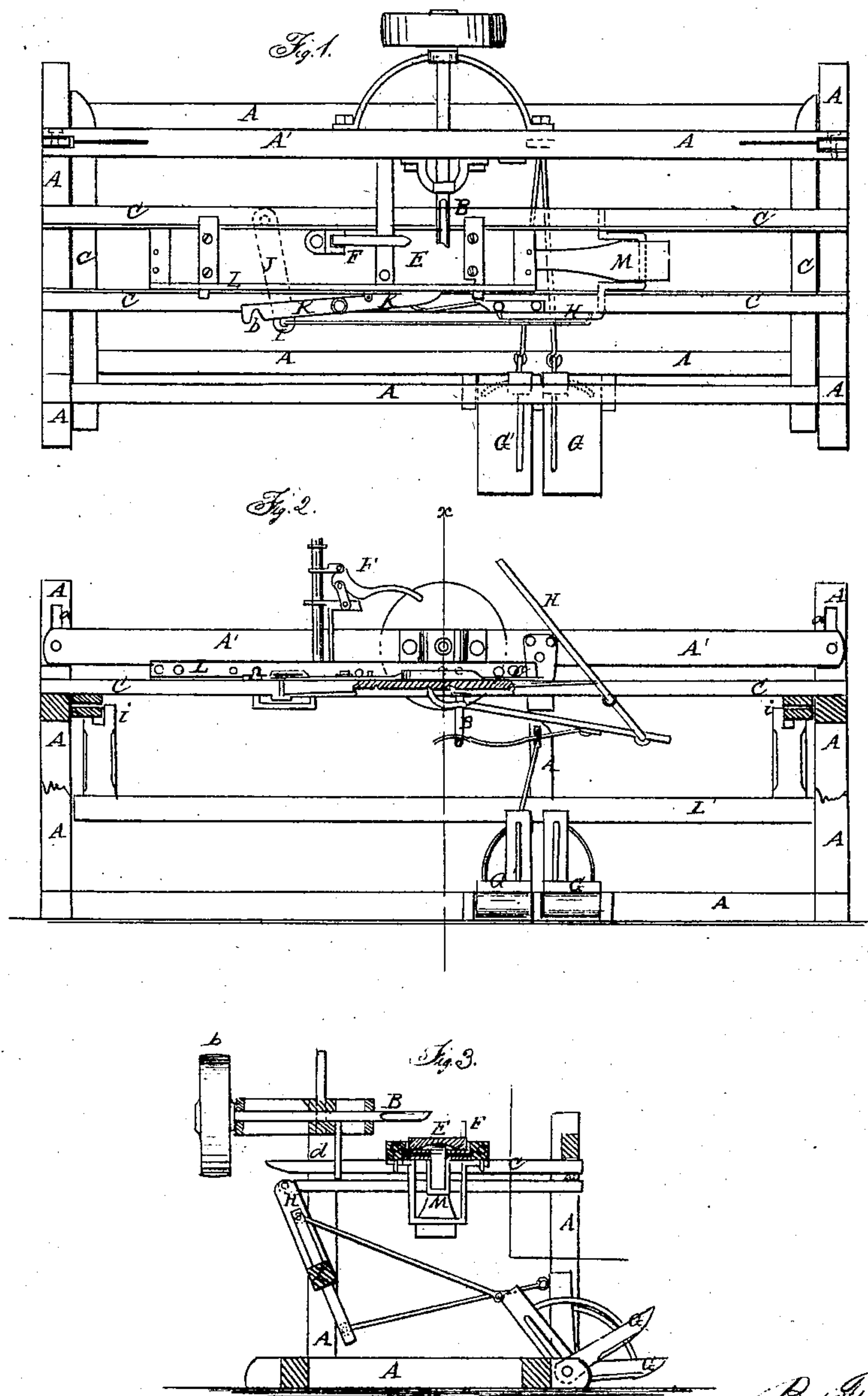


B. F. Mohr
Boring Posts
No. 75041 *Patented Mar 3. 1868*



Witnesses
Thos. Smoche
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B. F. MOHR, OF MIFFLINBURG, PENNSYLVANIA.

Letters Patent No. 75,041, dated March 3, 1868.

IMPROVEMENT IN MACHINE FOR BORING POSTS

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, B. F. MOHR, of Mifflinburg, in the county of Union, and State of Pennsylvania, have invented a new and improved Machine for Boring Posts; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings forming part of this specification.

This invention relates to a machine for boring posts, and consists in a frame having an adjustable bar, on which is mounted an auger, turned by any motor. A second frame travels in the first, back and forth breadth-wise, and a carriage, on which rests the post to be bored, travels to and fro lengthwise in the second frame. The post is held in place by a clamp mounted on the carriage. In the accompanying drawings—

Figure 1 is a top view of my machine.

Figure 2 is a side view thereof, partly in section; and

Figure 3 is a vertical transverse section on line *x x*.

Similar letters of reference indicate corresponding parts.

A is the frame, having an adjustable bar, A', adjustable in the slots *a* by set-screws, and having the auger B mounted on the adjustable bar A', rotated by the driving-pulley *b* by any motor. C is a frame, formed of two rails and cross-pieces. The ends of the rails supported on the cross-pieces of the frame A and the frame C are held down by the front bar of the second frame, and by guides *d*, leaving the frame C free to slide back and forth the width of the frame A. A T-shaped carriage, E, slides in grooves in the rails of the frame C. The post is placed on the carriage E and secured by the clamp F. The rail A' being adjusted to the required height, motion is given to the auger, and the fence-post is fed to it by pressing on the treadle G, which, by means of the lever, operates the bar I, hinged at *i* to the jointed lower limbs of the cross-piece of the frame C, carrying the carriage E on which the post is placed, and by depressing the treadle G' the post is withdrawn. The lever H being now raised, the pin *i* on lever J is drawn from notch *h*, pressing back one end of pawl-lever K, and raising the pawl-end out of the notch in the side of the bar L on carriage E, or on the raised side of carriage E, when the pawl-lever M engages in the notch on the under side of E, as shown in fig. 3, and presses it forward, carrying the post with it the distance at which it is required to bore another hole, when the pawl-lever K engages in the notch provided at the required distance in the bar L.

I claim as new, and desire to secure by Letters Patent—

The combination of the levers H, J, and K, and M, with the pin I, notch *h*, and notches on the bar L of carriage E, or its equivalent, all constructed and operating in manner substantially as above set forth and described.

B. F. MOHR.

Witnesses:

G. W. MACLER,
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