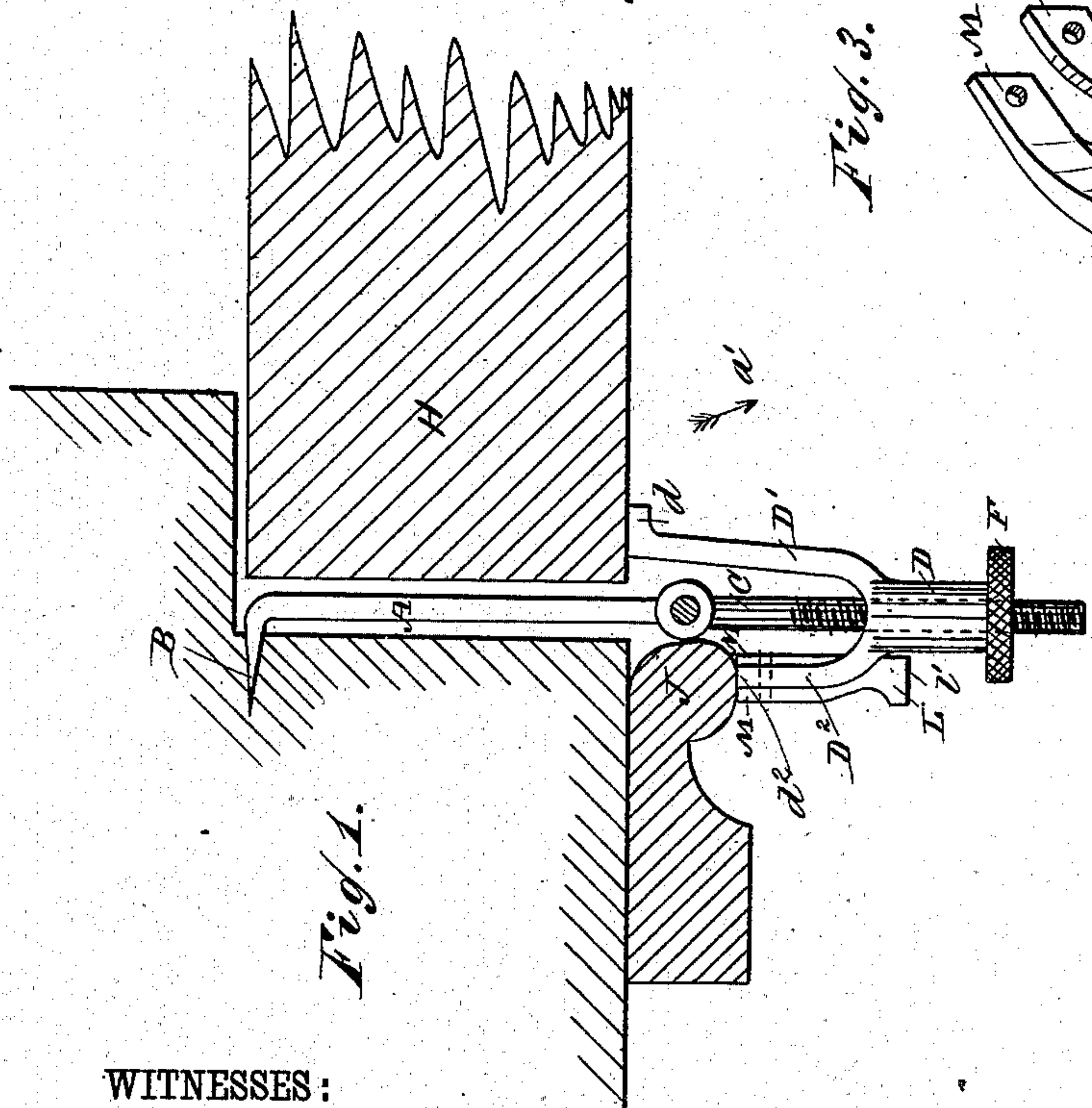
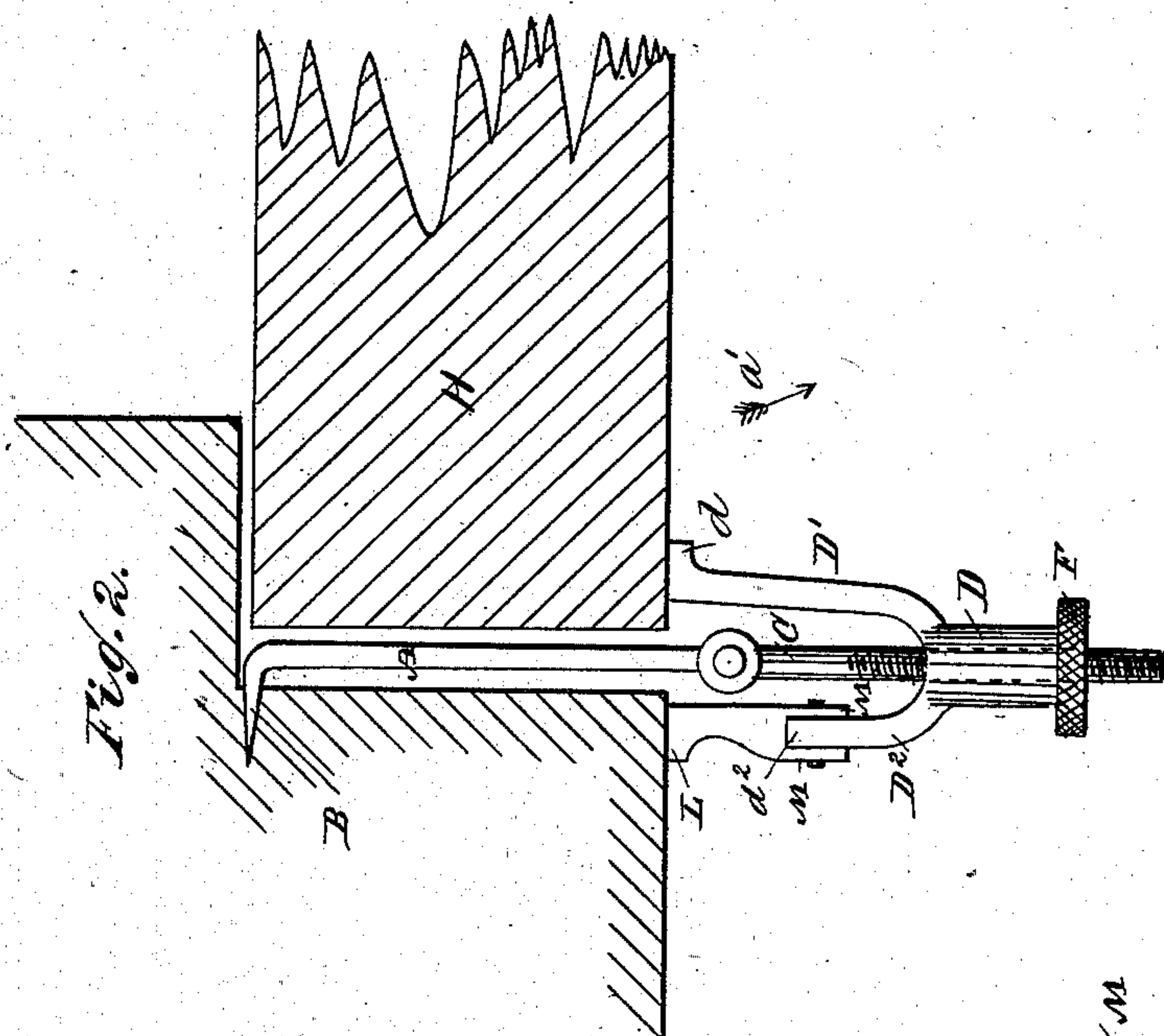


(No Model.)

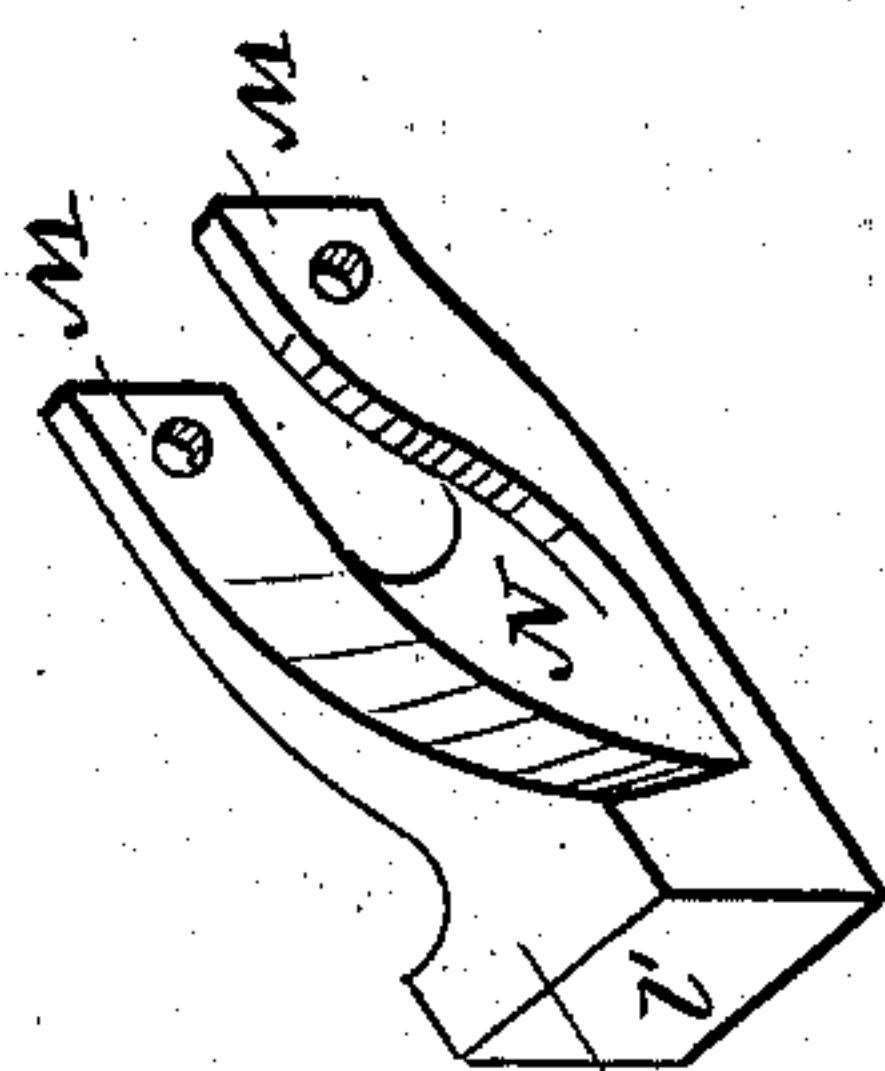
C. A. CRONGEYER.  
PORTABLE DOOR SECURER.

No. 258,024.

Patented May 16, 1882.



*Fig. 3.*



WITNESSES:

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INVENTOR:

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BY *Munn & Co*

ATTORNEYS.



# UNITED STATES PATENT OFFICE.

CHARLES A. CRONGEYER, OF DETROIT, MICHIGAN, ASSIGNOR TO HIMSELF  
AND GEORGE W. BUSCH, OF WALKERVILLE, CANADA.

## PORTABLE DOOR-SECURER.

SPECIFICATION forming part of Letters Patent No. 258,024, dated May 16, 1882.

Application filed February 17, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES A. CRONGEYER, of Detroit, in the county of Wayne and State of Michigan, have invented a new and Improved Door-Fastening, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved device for fastening doors, which device can be attached to any door rapidly and conveniently without any imple-

ments. Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional plan view of my improved door-fastener, showing the swinging arm folded. Fig. 2 is a sectional plan view of the same, showing the swinging arm extended so as to rest against the door-frame. Fig. 3 is a perspective view of the under side of the swinging arm.

A metal strip, A, is provided at one end with a flat hook, B, and a rod, C, is pivoted to the opposite end of this strip. The outer end of the rod C is screw-threaded. A U-shaped piece or latch, D, provided with a long shank, D', and a short shank, D<sup>2</sup>, is provided in its curved middle part with an aperture, through which the rod C is passed in such a manner that the ends of the shanks of the U-shaped piece D project toward the hooked end of the strip A, as shown. The U-shaped piece D can be locked on the rod C in the desired position by means of a milled nut, F, which is screwed on the threaded end of the rod C. Should the U-shaped device be turned around in the screw in order to clamp it to the door, it would scrape off the paint and make an unsightly defacement which is entirely avoided by the use of my nut. The end of the long shank D' of the piece D is provided with a head, d, having a flat smooth outer surface, which head is adapted to rest against the inner surface of the door H. The end d<sup>2</sup> of the short shank D<sup>2</sup> of the piece D is cut off smooth at right angles to adapt the end of this short shank to rest against the molding J of the door casing or frame. A leg, L, provided at its inner end with jaws M, is pivoted to the end of the short shank D<sup>2</sup>, and this is of such

length that when it is swung outward its end will be about flush with the end of the long shank D'. This arm L is provided on its outer end with a flat head, l', adapted to rest against the door-casing. The ends of the jaws M are cut off at right angles in such a manner that the ends of the jaws and the end of the short shank D<sup>2</sup> will be flush when the leg L is folded, as shown in Fig. 1. The leg L is provided in its under surface with a groove or recess, N, for receiving the shank D<sup>2</sup> when the leg L is folded, as shown in Fig. 1.

The operation is as follows: The hook B is placed against the jamb of the door and the door H is closed, whereby the hook B will be forced into the wood of the jamb, as shown. In order to permit the swinging of the door, the U-shaped piece D must be turned in such a manner that the shanks D' D<sup>2</sup> will both be in the same vertical plane with the rod C. When the door is closed the piece D is turned so that the end d of the long shank D' will rest against the door, as shown. If the door-casing is provided with a molding, as shown in Fig. 1, the leg L is swung back, so that the end d<sup>2</sup> of the short shank D<sup>2</sup> can rest against the molding. If the door-casing is not provided with a molding, the leg L is swung outward, so that its end l' rests against the door-casing, as shown at Fig. 2. If attempt is made to open the door—that is, to move it in the direction of the arrow a'—it will press against the end d of the long shank D', and as the rod C is pivoted and can swing, the end of the leg L will be pressed against the door-casing, or the end of the short shank D<sup>2</sup> will be pressed against the molding J, or the end of leg L against the casing of the door, and as the piece D is so adjusted that the short shank D<sup>2</sup> rests against the molding J, and as the piece D is locked in this position by the nut F, the piece D, which is and acts as a latch, will rest against the door and its casing, or the molding of this casing, and thus prevent opening of the door.

In place of the piece D, a latch of any other suitable construction can be used; but I prefer to use the U-shaped piece shown. Other devices may be used for locking the U-shaped piece D in position in place of the nut F.

This device can be used on any door inde-



pendent of the thickness of the same. It can be attached very easily without the use of any implements. It does not mar the appearance of the door and keeps the door locked or closed 5 perfectly. It can be folded very compactly and can be attached very easily, and is especially adapted for travelers, as the doors of many hotels are not provided with proper locks.

Having thus described my invention, I claim 10 as new and desire to secure by Letters Patent—

1. In a portable door-securer, the combination of the strip A, having a bent end, B, and the rod C, screw-threaded at its outer end, pivoted thereto with the tube D, having arms O' 15 O<sup>2</sup>, the latter provided with an extension-leg, L, and the nut F, substantially as and for the purpose described.

2. The strip A, having hook end B, combined with a screw, C, connected therewith, a nut, F, working on said screw, and a tube, D, 20 having shank D', as and for the purpose described.

3. In a portable door-securer, the U-shaped fastening D for the holding device, provided with arms D' D<sup>2</sup>, the latter having a jointed 25 leg, whereby the securer is adapted to be used at will on a casing with or without a molding, substantially as described.

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Witnesses:

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