(No Model.)

H. MOORE.

DOOR SECURING DEVICE.

No. 360,897. Patented Apr. 12, 1887.

Fig. 1.

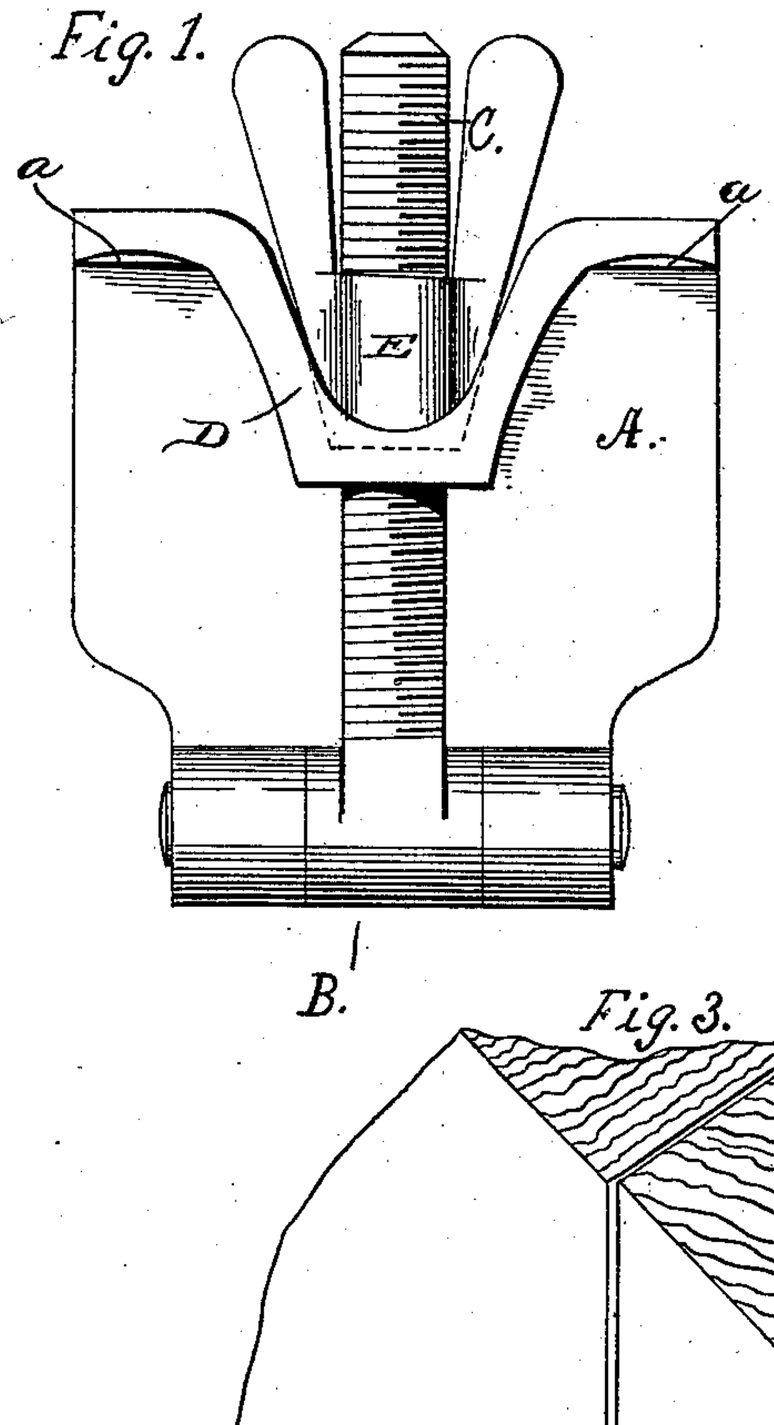


Fig. 2.

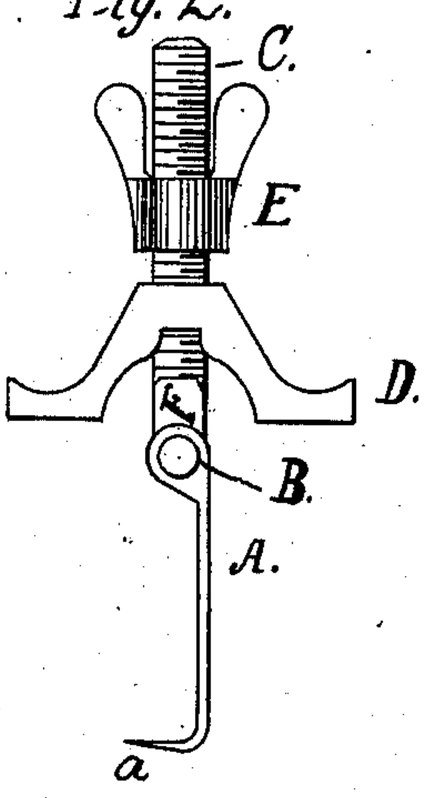
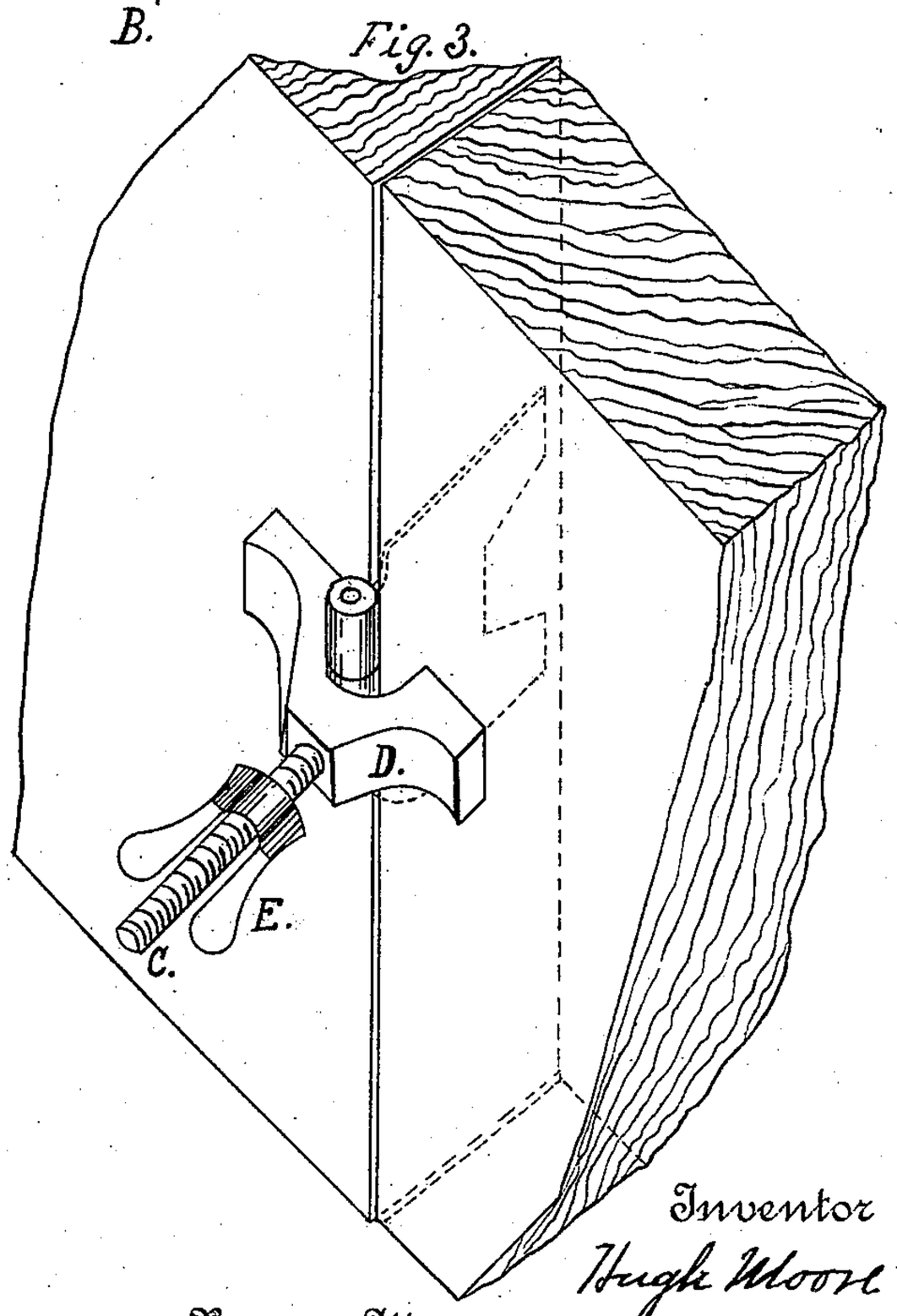


Fig. 3.



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UNITED STATES PATENT OFFICE.

HUGH MOORE, OF MAUCH CHUNK, PENNSYLVANIA.

DOOR-SECURING DEVICE.

SPECIFICATION forming part of Letters Patent No. 360,897, dated April 12, 1887.

Application filed October 5, 1886. Serial No. 215,400. (No model.)

To all whom it may concern:

Be it known that I, HUGH MOORE, a citizen of the United States, residing at Mauch Chunk, in the county of Carbon and State of Pennsylvania, have invented certain new and useful Improvements in Pocket Burglar-Locks or Door-Securers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention is a new and useful article and its object is to provide a safe and secure lock for doors and windows. The following drawings illustrate how said object is attained.

Figure 1 represents the lock closed and on an enlarged scale. Fig. 2 is a side view of lock opened. Fig. 3 represents the lock in use.

The metal plate A is provided with teeth, blades, or projections bent at a right angle to the body of the plate, whereby it can be secured to the wood-work of a door in the manner clearly indicated in Fig. 3. The plate having been put in place, and the above-described teeth forced into the wood or into a crevice and the door closed, the plate will lie in the narrow space between the edge of the door and the jamb. The loose nut or brace D slides freely on the bolt C, and when placed against the door and jamb, as shown, may be secured by screwing up the thumb-nut E. The nut or brace held in place by the jam-nut E will prevent the door from being opened by any person on the opposite side. It is obvious that the device would operate were the brace D screw-threaded so as to fit the screw-bolt C; but it would be liable to mar the door in its application thereto.

The bolt C is made larger than the plate, for a purpose hereinafter described, and it is preferably made angular at its inner end, F, to enter a corresponding angular opening in the brace, whereby it is more securely held from rotation. The bolt C has a hinge-connection, B, with the plate, which insures that each limb of the brace may bear equally upon the door and the adjacent wood-work, and also provides for folding in the manner represented in Fig. 1. To effect this, the thumb-nut and brace are removed from the bolt, and the brace again placed on the bolt in a reverse position. The bolt may then be turned on its hinge and the thumb-nut also screwed upon the bolt, pressing the brace against the teeth of the plate A, and the whole device will assume a compact form. (Illustrated in Fig. 1.)

Although I have described the application of my device to an ordinary door, it is obvious that it might be used in other relations. It could, for example, be used by inserting the plate between the meeting-rails of windows or of window-blinds, or in any analogous situation.

The nut and brace may be removed before the bolt is turned down, as above specified, and then can be replaced, so that the ends of the brace will lie against the exterior sides of the teeth and adjacent to their edges, in such manner as to constitute a guard to protect the pocket or other receptacle against injury from said edges. The bolt is made sufficiently long for this purpose, and also to receive the nut which, when screwed against the brace, holds it in the desired position to prevent the cutting or tearing action of the teeth. This adjustment of the parts is illustrated in Fig. 1 of the drawings. If the brace be made arched, as represented, its crown or highest point will lie in the space between the branches of the plate, and the nut, when screwed up, will lie within the arch of the brace, and the several parts of the device will then be screwed together in a very compact form, and will present no sharp cutting-edges and very few projections and angles to cut or wear a pocket, in which it may be conveniently carried. It is obvious, however, that the arched form of the brace is not essential to the arrangement and function whereby the teeth are guarded; also, that two teeth, though preferable, are not essential to this particular effect, for if one tooth were omitted in my device it would still operate, so far as concerns guarding or covering the single tooth, substantially as described. It is further manifest that if the brace be threaded and the thumb-nut omitted the brace could be screwed against the teeth in either direction, and that the operation of the parts would not be materially changed.

Having thus described my invention, what I desire to claim and secure by Letters Patent is—

The door securer or lock consisting of the plate A, provided with two branches, each having a tooth, *a*, threaded bolt C, hinged to A and made longer than the plate, loose nut or brace D, and thumb-nut F, all combined, substantially as described, whereby the plate may be securely fixed in the wood-work when in use, and whereby when not in use the bolt-brace may be folded down and the brace secured against the exterior of the teeth to constitute a guard for the same.

In witness whereof I have hereunto affixed my signature, in the presence of two witnesses, this 30th day of September, A. D. 1886.

HUGH MOORE.

Witnesses:
D. McFADDEN,
MICHC. A. BUNCE.