J. R. BAKER.

Improvement in Locks for Doors.

No. 126,248. Patented April 30, 1872.

Fig 1

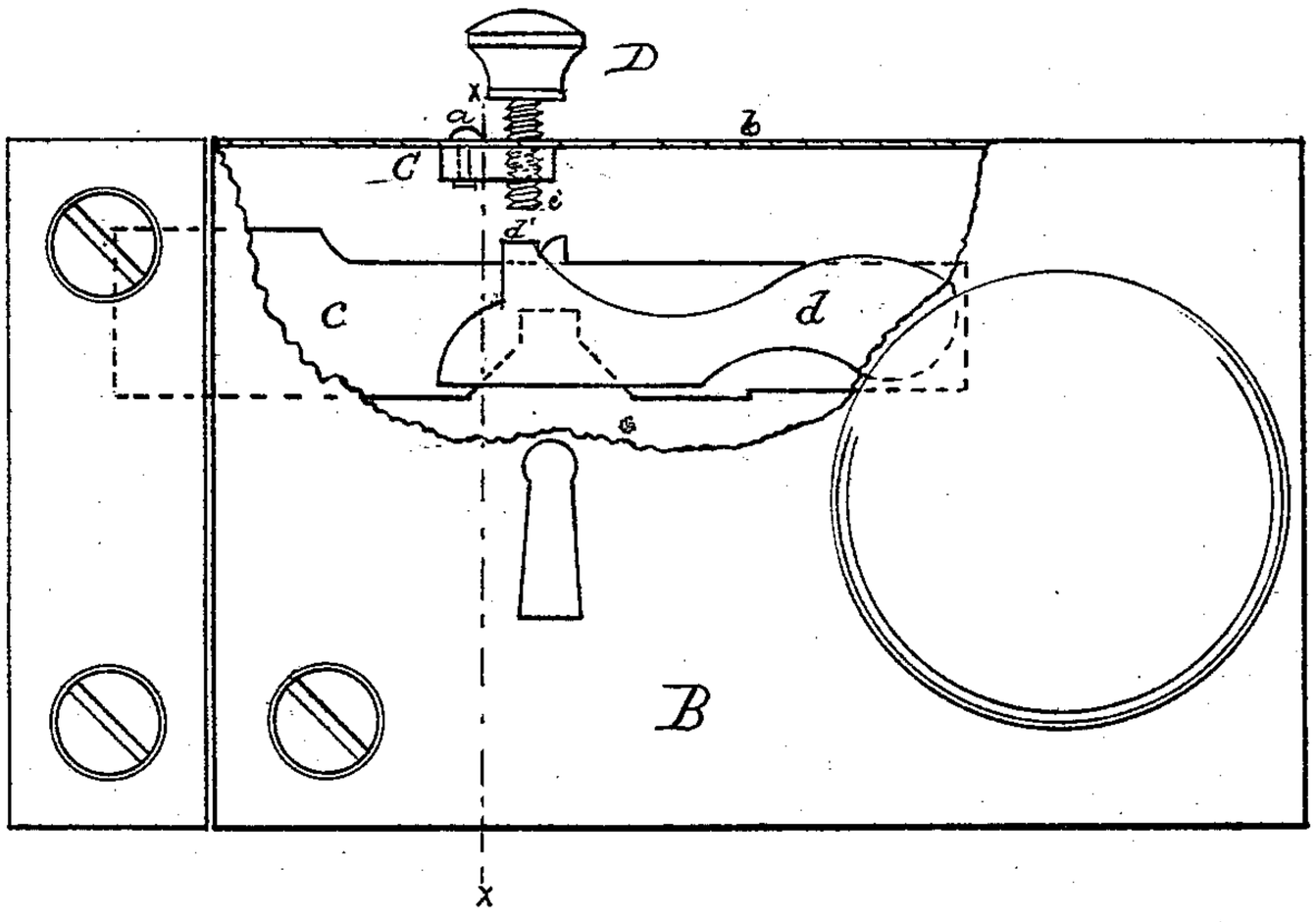


Fig 2

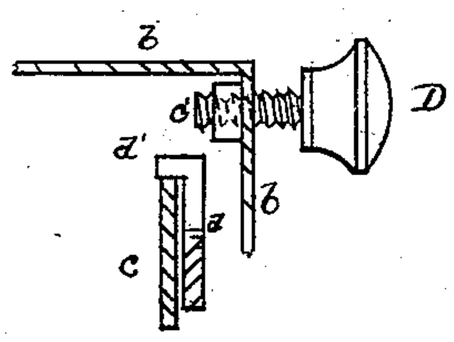


Fig 3

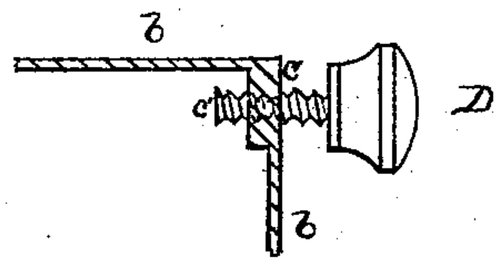
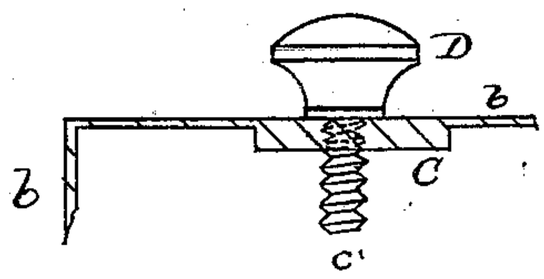


Fig 4.



Witnesses.

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126,248

UNITED STATES PATENT OFFICE.

JACKSON R. BAKER, OF JERSEY CITY, NEW JERSEY.

IMPROVEMENT IN LOCKS FOR DOORS.

Specification forming part of Letters Patent No. 126,248, dated April 30, 1872.

SPECIFICATION.

To all whom it may concern:

Be it known that I, JACKSON R. BAKER, of Jersey City, in the county of Hudson and State of New Jersey, have invented a new and useful Improvement in Door-Locks; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

The object of my invention is to furnish a simple and effective substitute for the numerous complicated and expensive methods now used for securing doors on the inside. I accomplish this by riveting to or casting with the lock-casing a set-nut, through which a milled-headed screw, working, presents an obstruction which effectually prevents sufficient free play of the tumbler to allow the bolt to be slid back through the application of a key.

Figure 1 is an elevation of a door-lock with part of the casing broken away, showing my improvement in operation perpendicularly. Fig. 2 is a side elevation, sectional, showing my improvement operating horizontally. Figs. 3 and 4 show the set-nut cast upon the casing.

A represents a door having the lock B secured to it. *c* is the bolt of the lock, and *d* is the tumbler. C is a set-nut secured to the casing *b* by the rivet *a*. D is a milled-headed screw working through *b* and C toward the shoulder *d'* of the tumbler to prevent it from moving. The end *c'* of D is burred, to prevent it from being removed altogether from C.

When the door is locked it can be absolutely secured against the successful operation of skeleton-keys, bent wire, or other nefarious appliances by simply turning the milled-headed screw toward the tumbler.

By placing the set-nut upon the face of the casing this improvement can be as successfully and effectually applied to mortised locks as when affixed either to the top or bottom of surface locks.

Among the advantages of this improvement are its simplicity of construction and operation, its universal utility, and remarkable cheapness.

I am aware that a set-screw has been so arranged as to work directly upon the bolt of a lock. In such cases a specially-constructed or slotted bolt is used, and any great pressure exerted upon the bolt when thus fastened is liable to break the set-screw and enable the lock to be forced back.

By my invention the tumblers are rigidly held in position, and, since the bolt cannot operate without the perfect operation of the tumblers, any attempt to force the bolt will be frustrated, and if sufficient force is applied the set-screw will break, which force will break or injure the tumblers and thus disarrange the working parts of the lock and render the operation of the bolt impossible.

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

The set-screw D, supported upon the nut C, and working through the lock-casing as described, and operating directly upon one or more of the tumblers of a lock, as herein shown and described.

J. R. BAKER.

Witnesses:

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