

J. La BLANC & X. St. PIERRE.

KEY-HOLE GUARD.

No. 178,065.

Patented May 30, 1876.

Fig: 1.

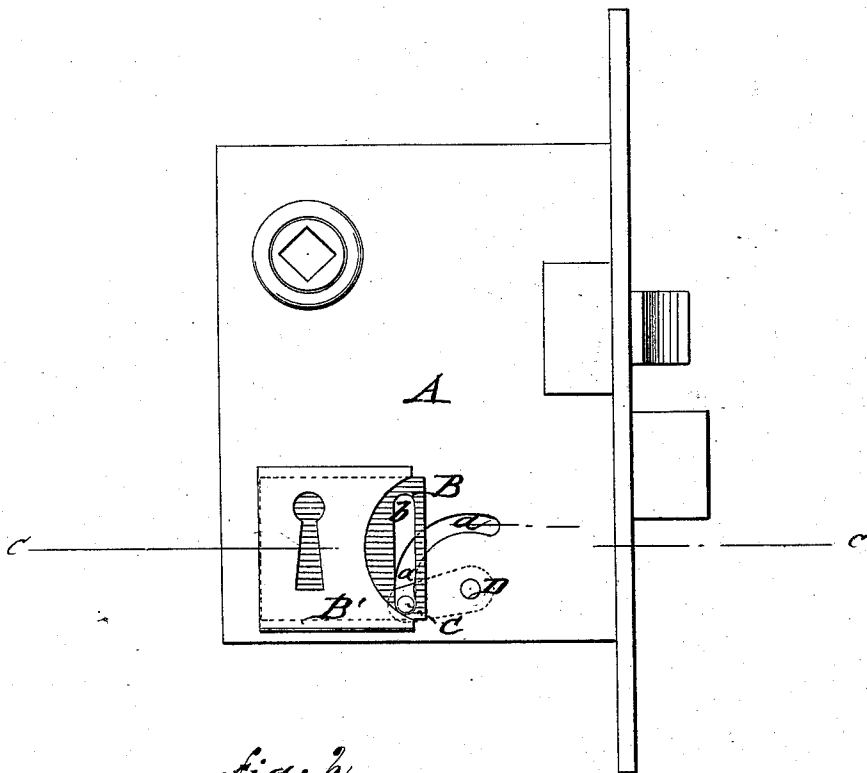
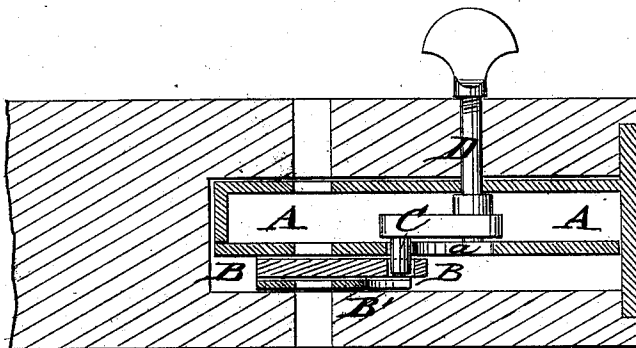


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN LA BLANC AND XAVIER ST. PIERRE, OF SAN FRANCISCO, CAL.

IMPROVEMENT IN KEY-HOLE GUARDS.

Specification forming part of Letters Patent No. **178,065**, dated May 30, 1876; application filed April 4, 1876.

To all whom it may concern:

Be it known that we, JOHN LA BLANC and XAVIER ST. PIERRE, of the city and county of San Francisco, California, have invented a new and Improved Key-Hole Guard, of which the following is a specification:

Figure 1 represents a side elevation, and Fig. 2 a horizontal section on line *c c*, Fig. 1, of a lock, with our improved key-hole guard.

Similar letters of reference indicate corresponding parts.

The invention relates to an improved key-hole guard for locks that close the key-hole securely against the introduction of keys or tools from the outside; and the invention consists of a sliding guard-plate operated by a crank-pin sliding in a segmental recess of the face-plate of the lock, and in a slot of the guard-plate, as hereinafter more fully described, and definitely claimed.

In the drawing, A represents a door-lock of any suitable construction, which is provided at the outside face plate near the key-hole, with a guard-plate, B, sliding in a guide-casing, B', of the face-plate. The guard-plate B is carried forward and backward, so as to close or open the key-hole by a crank-pin, C, that passes through a segmental slot, *a*, of the face-plate into a straight slot, *b*, at the rear end of the guard-plate. The crank-pin C is turned by means of a shaft, D, with thumb-piece applied to the crank, and passing through the inner face-plate to the inside of the room, the segmental slot being preferably made

somewhat larger than a quadrant of a circle, or semicircular, so that the closing of the key-hole by the guard by the slamming of the door is prevented.

The slot of the guard-plate has to be of a length to correspond with the segmental slot to admit the free motion of the crank-pin in opening and closing the guard-plate. The guard-plate cannot be forced back from the outside, and effectually closes the key-hole, so as to prevent any tampering with the lock by skeleton keys, tools, &c., from the outside.

The shaft and thumb-piece may be made detachable by being fitted into a socket of the crank, and held in place by means of a rose screwed to the door. The shank of the thumb-piece screws into the rose to be retained thereby, until the same is unscrewed. This admits the application of the lock to any thickness of door.

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

The combination of the outer face-plate of a door-lock, having a segmental recess, *a*, with a sliding and guided key-hole guard, B, having a straight slot, *b*, and with a crank-pin, C, and shaft D turned from the inside of the lock, substantially as specified.

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Witnesses:

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