

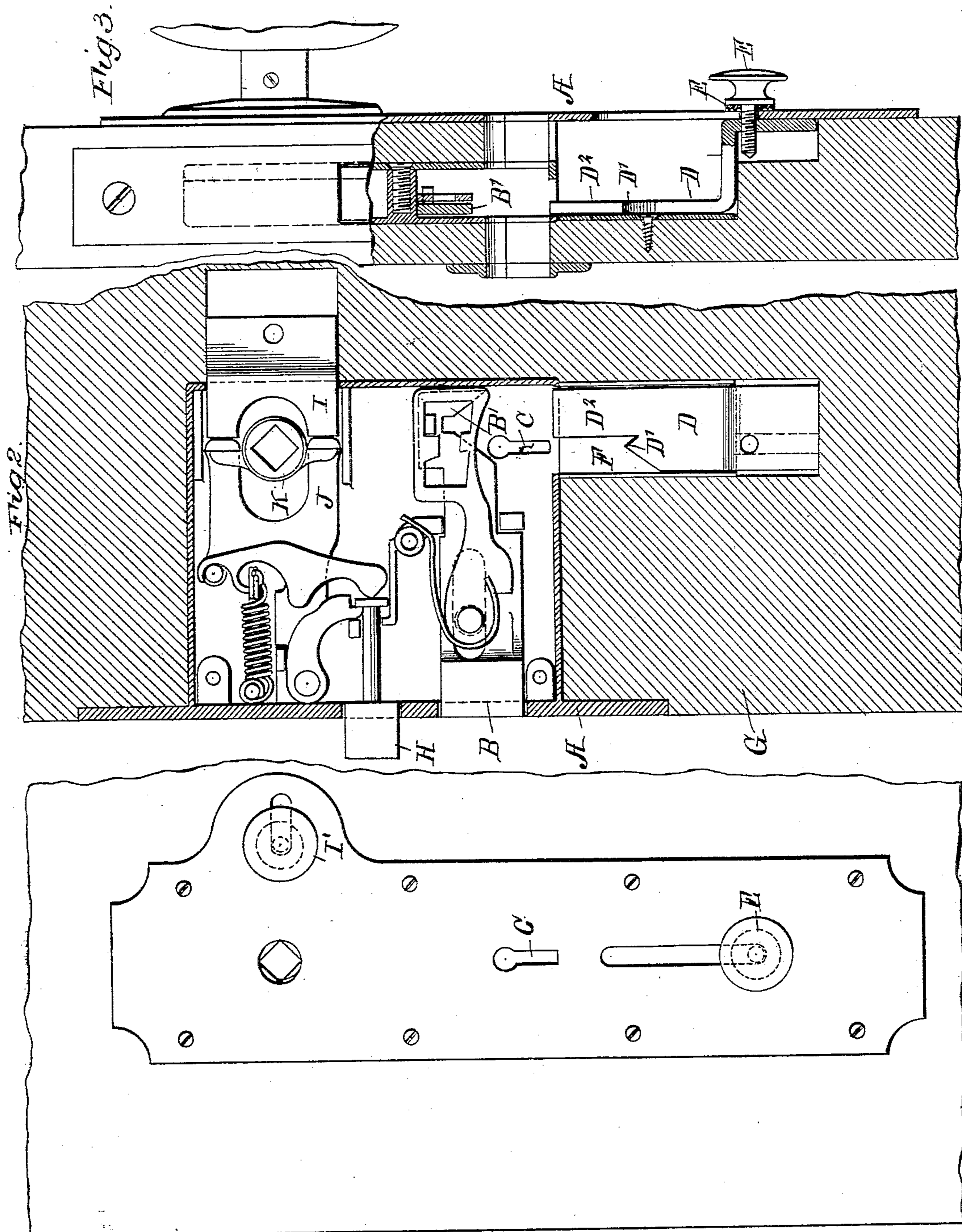
(No Model.)

2 Sheets—Sheet 1.

G. HISGEN.  
KEYHOLE GUARD.

No. 504,583.

Patented Sept. 5, 1893.



WITNESSES:

*Paul Johat*  
*C. Sedgwick*

*Fig. 1*

INVENTOR

*G. Hisgen*  
BY *Munn & Co.*

ATTORNEYS.

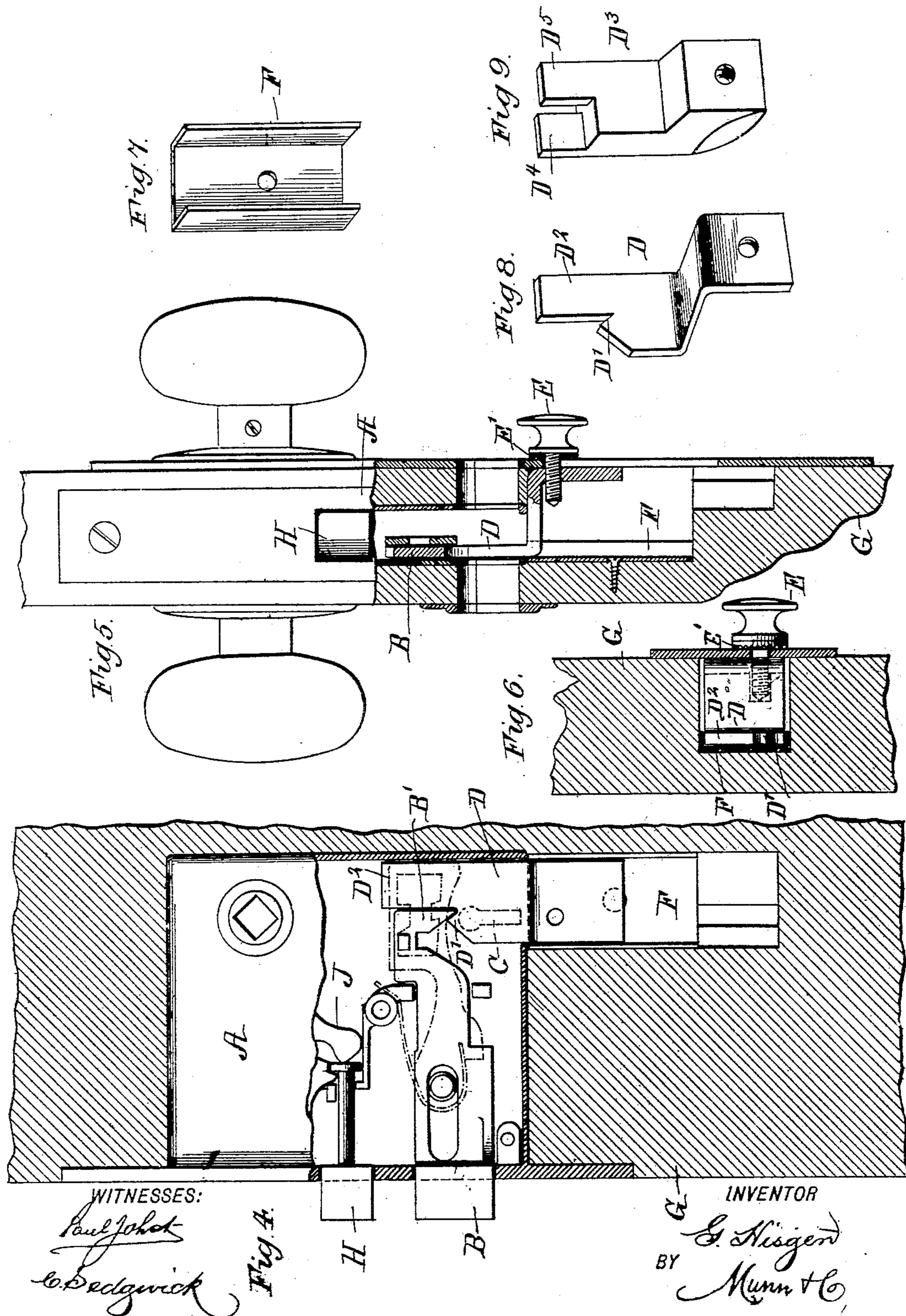
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*Paul J. Hot*  
*C. D. Sedgwick*

Fig. 4.

INVENTOR

BY *G. Hisgen*  
*Munn & Co.*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

GEORGE HISGEN, OF FORT PLAIN, NEW YORK.

## KEYHOLE-GUARD.

SPECIFICATION forming part of Letters Patent No. 504,583, dated September 5, 1893.

Application filed November 11, 1892. Serial No. 451,637. (No model.)

### *To all whom it may concern:*

Be it known that I, GEORGE HISGEN, of Fort Plain, in the county of Montgomery and State of New York, have invented a new and Improved Lock Attachment, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved lock attachment, which is simple and durable in construction, and arranged to effectually lock the key or bolt in place, and at the same time forming a guard for the key-hole to prevent opening the door by unauthorized persons.

The invention consists of certain parts and details, and combinations of the same, as will be hereinafter described and then pointed out in the claims.

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 side elevation of the improvement from the inside of the door. Fig. 2 is a sectional side elevation of the same. Fig. 3 is a front view of the same with parts in section. Fig. 4 is a sectional side elevation of the same in a different position. Fig. 5 is a front view of the same in a different position. Fig. 6 is a sectional plan view of the slide in its guideway, parts being shown in section. Fig. 7 is a perspective view of the guideway for the slide. Fig. 8 is a perspective view of the slide; and Fig. 9 is a perspective view of a modified form of slide.

The lock on which the attachment is applied may be of any approved construction and provided with the usual casing A, in which is fitted to slide the usual bolt B, actuated by a key introduced into the lock casing through the usual key-hole C.

The slide D, for locking the bolt B for closing the key-hole C and for locking the key in case the latter is left in the lock, is provided with a knob E, for conveniently manipulating the said slide from the inside of the door. The slide D is fitted to slide vertically in the guideway F, attached to the door G, directly below the bottom of the casing A, so that the upper end of the slide can pass up through a slot in the bottom of the casing into the interior of the latter for the purpose above stated.

The slide D is provided with a V-shaped offset D', adapted to engage the ward of the key and also adapted to engage the angular offset B', in which operates the ward of the key for moving the bolt B inward or out in unlocking or locking the door. Alongside the offset D' is formed an arm D<sup>2</sup>, adapted to engage the rear face of the shank of the key so as to prevent the key from turning.

It is understood that when the door is locked and the bolt B is shot out then the operator takes hold of the knob E and moves the slide D upward so that the offset D' engages the rear end of the bolt B, as plainly shown in Fig. 4 to prevent the bolt from being moved back into the casing. At the same time, the slide C covers up the key-hole so that an unauthorized person cannot introduce a key from the outside. The arm D<sup>2</sup> extends at the back edge of the inner end B' of the bolt B, so as to render it impossible to slide the bolt B back into the casing. In case the key is still in the lock casing, and the slide E is moved upward, then the key is engaged by the arm D<sup>2</sup> and the offset D' which prevent the key from being turned. As shown in Figs. 3 and 6, the knob E is provided with a screw shank engaging a threaded aperture in the slide and with a roughened surface E' adapted to be moved in contact with the key plate of the lock to securely fasten the said knob in place when the slide D is in an uppermost position. In order to lock the door latch H in position, a similar slide I is provided adapted to engage the lever J connected with the said latch in the usual manner and controlled by the tumbler K operated by the shank of the door knob. This slide I is also provided with a knob I' and is fitted to slide horizontally in and out of the lock casing at the back thereof, as plainly shown in Fig. 2.

The slide D<sup>3</sup> shown in Fig. 9, is provided with two arms D<sup>4</sup> and D<sup>5</sup> of which the arm D<sup>4</sup> serves to cover the key-hole C and the other arm is adapted to engage the back edge of the bolt B to prevent the latter's return movement.

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

1. The combination with a mortise lock hav-

ing an opening in the bottom of its case below its outer key hole, of a vertically slotted plate for the inner face of the door, an angular slide exterior to the lock case and having  
5 a knob secured to its lower inner portion with its shank extending through said slotted plate; the vertically extending member of the said slide projecting up through the opening in the bottom of the lock case to cross the outer  
10 key hole and engage the bolt to lock it against retraction, substantially as set forth.

2. A lock attachment, provided with a slide formed with a V-shaped offset and an arm, substantially as shown and described.

3. A lock attachment, provided with a slide 15 having a V-shaped offset, an arm adapted to engage the lock casing to engage either the bolt and to pass over the key-hole or to engage the key, a guideway for the said slide, and a knob engaging the said slide to move 20 the latter with its offset and arm into or out of the door lock casing, substantially as shown and described.

GEORGE HISGEN.

Witnesses:

SANFORD MAXFIELD,  
FRED SALMEN.