

(No Model.)

O. STODDARD.
KEY HOLE GUARD.

No. 355,421.

Patented Jan. 4, 1887.

Fig. 1.

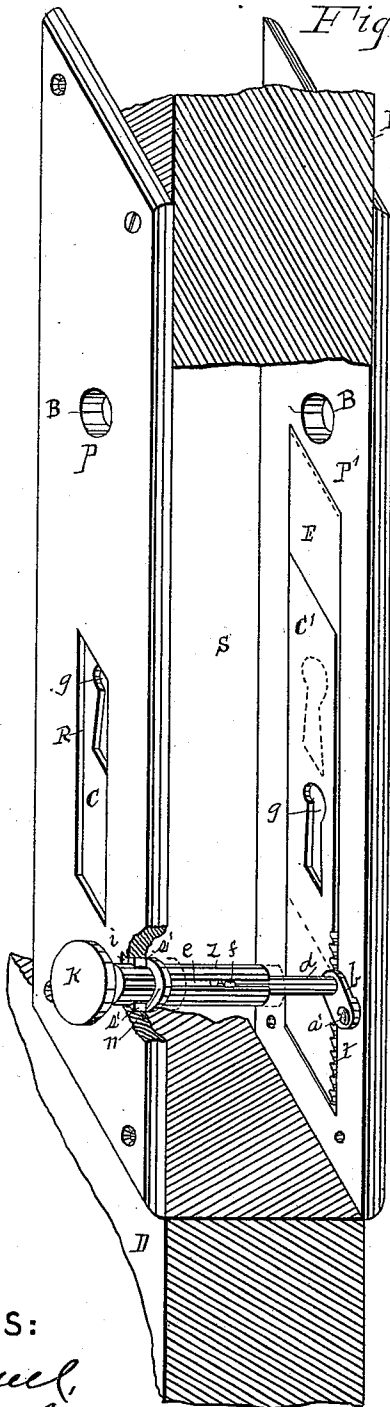


Fig. 2.

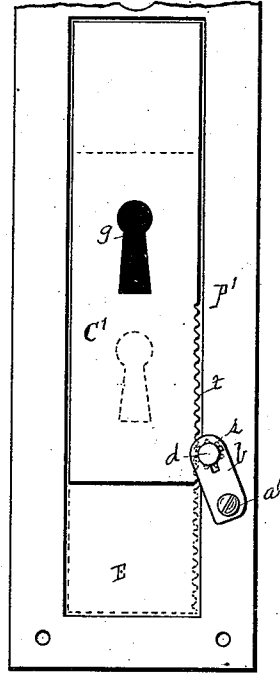


Fig. 4.

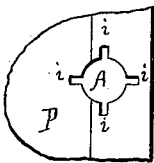
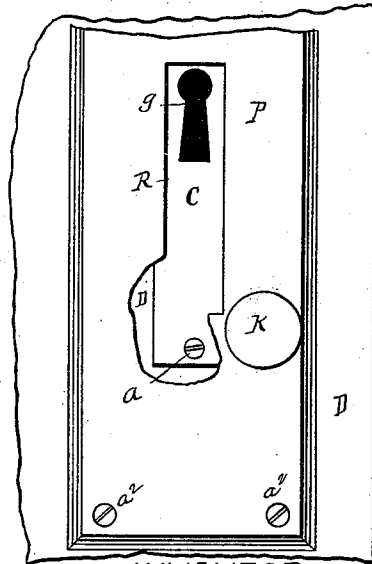


Fig. 3.



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OSCAR STODDARD, OF DETROIT, MICHIGAN.

KEY-HOLE GUARD.

SPECIFICATION forming part of Letters Patent No. 355,421, dated January 4, 1887.

Application filed April 22, 1886. Serial No. 199,733. (No model.)

To all whom it may concern:

Be it known that I, OSCAR STODDARD, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful improvements in Key-Hole Guards; 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 present invention relates to the construction, in connection with the long-armed rose-plates of a door, of detachable and movable key-hole-plate sections, one of said sections being attached to the face of the door, the other adapted to be raised and lowered; both sections located on the back face of the rose-plates, covering an opening in said rose-plates.

The key-hole section located on the outside of the door I provide with means whereby the operator from the inside of the house, after locking the door, may turn a projecting button, thereby raising or lowering the key-hole section, bringing the key-hole out of range with the key-hole in the lock of the door, preventing the insertion of a key or the picking of the lock from the outside; and my invention consists in the arrangement of parts, as hereinafter set forth, and designated particularly in the claim.

In the drawings, forming a part of this specification, Figure 1 is an isometrical view of my invention attached to a door, having parts broken away to show the construction. Fig. 2 is a back face view of the outside rose-plate and sliding section. Fig. 3 is a front view of the inner rose-plate broken away to show the fastening of the key-hole section. Fig. 4 is a detail to be described.

D represents sections of a door; P P', the rose-plates; B B, holes through which the knob-spindle works; S, space for the reception of the lock; R R, longitudinal openings in the rose-plates; C C', key-hole plates or sections; g g, key-holes in same. I form a chamber, E, in the back face of each rose-plate sufficiently wide to receive the key-hole plates. The chambers are longer than the plates, so as

to allow raising or lowering said plates for the purposes hereinafter set forth.

The plate C is secured to the inner face of the door by means of screws *a*, (see Fig. 3,) locating it so that its key-hole will register with the key-hole in the lock-case. The rose-plate P is then placed over it, being secured to the door by means of screws in the usual way. I form a hole, A, through said rose-plate, having two or more slots, *i i*, leading into said hole. (See Figs. 1 and 4.) Passing through the hole A is a sleeve, Z, having on its outer end a button, K. Said sleeve is provided with a longitudinal slot, *e*. *n* is a collar mounted on the sleeve and pressing against the inner face of the plate P, when the button K is drawn out, as in Fig. 1.

s' s' are arms attached to the sleeve and fill the slots *i i* of the plate P, when in position of Fig. 1, and when the sleeve Z is forced inward, as shown by dotted lines of Fig. 1, the arms *s' s'* are disengaged from said plate, when the button may be turned.

d is a shaft carrying a spur-wheel, *s*, on one end and the lug *f* on the opposite end. Said shaft fills the hollow of the sleeve, the lug projecting through and working in the slot *e* of the sleeve, as clearly shown in Fig. 1. The shaft is journaled in the support *b*, which is attached to plate P' by means of the screw *a'*, as clearly shown in Figs. 1 and 2. The spur-wheel *s* engages with the cogs *t* of the key-hole plate C', as shown by dotted lines of Fig. 2. The rose-plate P' and sliding key-hole plate C' are located on the outside of the door, as shown in Fig. 1. A hole is formed through the door for the reception of the sleeve and shaft.

The parts are attached and operated as follows: The lock being placed within the door; the key-hole plate C is secured to the inner face of the door by screws *a*, so that its key-hole will register with the key-hole in the lock-case; the plate being detachable allows the setting of the key-hole to accommodate a high or low lock-case; the rose-plate P, having the button and sleeve, is then placed in position over said key-hole plate. The rose-plate P' and sliding key-hole plate C' are then placed on the outside face of the door, the shaft *d* and lug *f* entering the sleeve, as shown in Fig. 1.

The rose-plate is then secured to the door. The operator from the inner side of the door presses against the button K, then by turning said button the sleeve and shaft *d* are revolved
 5 until the key-hole in plate *C'* stands on a line with the key-hole of the lock-case, when a key may be inserted to lock or unlock the door. On retiring at night, to prevent the insertion of a key from the outside, the button is pressed
 10 inward and then turned, thus moving the key-hole plate *C'*, shifting the key-hole *g* out of range with the key-hole of the lock-case, and to lock the key-hole plate in any desired position the button is turned until the arms *s' s'*
 15 register with the slots *i i* of the rose-plate, when the button K is drawn out, thus locking the sleeve, preventing the moving of the key-hole plate *C'*. This attachment is designed especially for outside or front doors of resi-
 20 dences.

Having thus set forth my present invention,

what I claim as new, and desire to secure by Letters Patent, is—

In combination with the door and its lock-case, the open-faced rose-plates, the plate *C*,
 25 attached to the door, the sliding plate *C'*, adapted to slide in the outer rose-plate and having a series of cogs *t*, the shaft *d*, carrying a pinion at one end and a lug, *f*, at the other,
 30 said shaft and lug adapted to engage with the sleeve having the longitudinal recess, the button K, and arms *s'*, said arms engaging with the channels *i* of the inner rose-plate, the collar *n*, and support *b*, as and for the purposes
 35 set forth.

In testimony whereof I affix my signature in presence of two witnesses.

OSCAR STODDARD.

Witnesses:

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 C. W. RUSSELL.