

(No Model.)

O. C. RUMSEY.
DOOR KNOB FASTENER.

No. 527,560.

Patented Oct. 16, 1894.

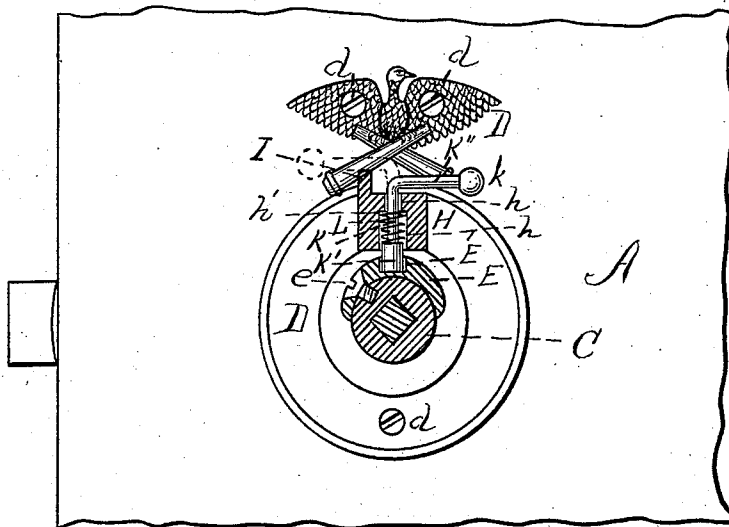


Fig. 1.

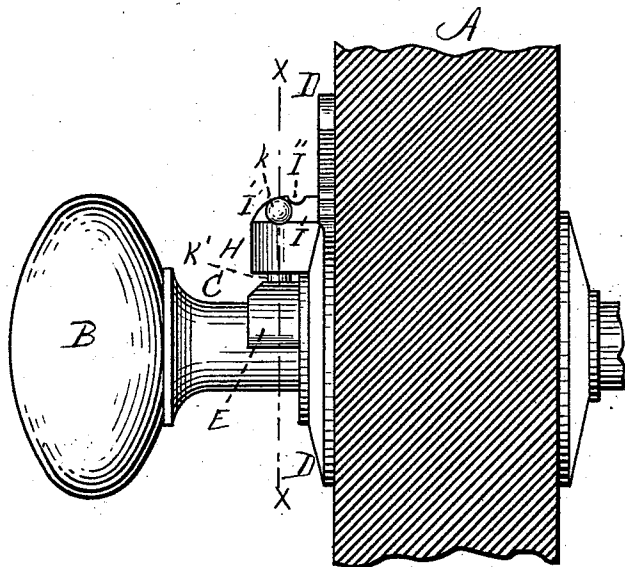


Fig. 2.

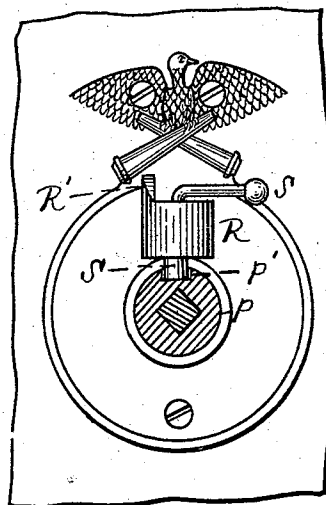


Fig. 3.

WITNESSES

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OSCAR C. RUMSEY, OF WHITMAN, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO JOHN BELL, OF SAME PLACE.

DOOR-KNOB FASTENER.

SPECIFICATION forming part of Letters Patent No. 527,560, dated October 16, 1894.

Application filed February 19, 1894. Serial No. 500,614. (No model.)

To all whom it may concern:

Be it known that I, OSCAR C. RUMSEY, a citizen of the United States, residing at Whitman, in the county of Plymouth and State of Massachusetts, have invented a new and useful Improvement in Door-Knob Fasteners, of which the following is a specification.

This is a device for locking and unlocking door-knobs, so that they may be prevented from being turned, or made free to be turned, as desired.

The nature of the improvement is fully described below, and illustrated in the accompanying drawings, in which—

Figure 1 is a vertical section taken on line *a*, Fig. 2, through the shank of a door-knob provided with my invention. Fig. 2 is an elevation of a door-knob provided with my invention, the door being shown in vertical section. Fig. 3 is a section similar to that illustrated in Fig. 1, showing a modification.

Similar letters of reference indicate corresponding parts.

A represents a portion of a door; B, the door-knob; C, the shank, and D the escutcheon screwed to the door at *d*. A semi-circular or arc-shaped block E is screwed at *e* to the upper side of the shank C, and is provided at its highest or central point with a recess E'. An integral bracket or overhanging horizontal projection H extends from the escutcheon over the shank C, and a vertical perforation *h* is formed in said bracket directly over the recess E' in the block E. This perforation is enlarged at a short distance below its upper end so as to form a shoulder *h'* as shown in Fig. 1. On one side of the upper surface of the bracket H is a ledge or ridge I extending from front to rear and inclined or curved up at I' rearward from the front edge, and provided at the top of the incline with a transverse notch or recess I''.

Within the perforation *h* is a locking bolt consisting of the vertical portion K, the enlarged lower end K', and the horizontally extending arm or handle K'' tipped preferably with a small knob or ball *k*. A spiral spring L surrounds the part K of the locking bolt and is contracted between the part K' and the shoulder *h'*.

When the handle K'' is pointing toward

the knob B or toward the right, as shown in Fig. 1, the spring L holds the lower end K' down into the recess E' in the block E, thus locking the shank and preventing it and the knob B from being turned, and hence the door is held latched. If it is desired to allow the door to be unlatched, the handle is swung toward the left and mounts the incline or curve I' on the ridge or ledge I thus causing its lower end K' to be lifted out of the recess E' against the power of the spring, and then said handle may be dropped into the notch or recess I'' as shown in Fig. 2. Thus the latch is freed and remains free until the handle is swung forward or toward the right again.

In the modification shown in Fig. 3, the block E is omitted, the bracket lowered, and the recess made in the shank itself. In this figure P is the shank provided with the recess P'; R the block with inclined ledge R', and S is the locking bolt. The operation is exactly similar to that above described, it making no difference whether the recess is in the shank or in a rigid attachment thereto.

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

The hereinbefore described improvement in door knob fasteners, consisting essentially of the combination of the semicircular arc-shaped block E provided at its highest or central point with the recess E', the bracket or projection H extending horizontally over the shank of the door knob and provided with the vertical perforation *h* over said recess, said bracket being provided with the ledge or ridge I extending from front to rear and inclined or curved up at I' rearward from the front edge and formed at the top of said incline with the transverse notch I'', and the locking bolt consisting of the vertical portion K and horizontally extending arm or handle K'' adapted to mount and descend said incline or curve by swinging said handle, and the spring L within said perforation, substantially as set forth.

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Witnesses:

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