

(No Model.)

S. S. PATTERSON.

COMBINED KEY HOLE GUIDE AND ESCUTCHEON.

No. 364,850.

Patented June 14, 1887.

Fig. 2.

Fig. 1.

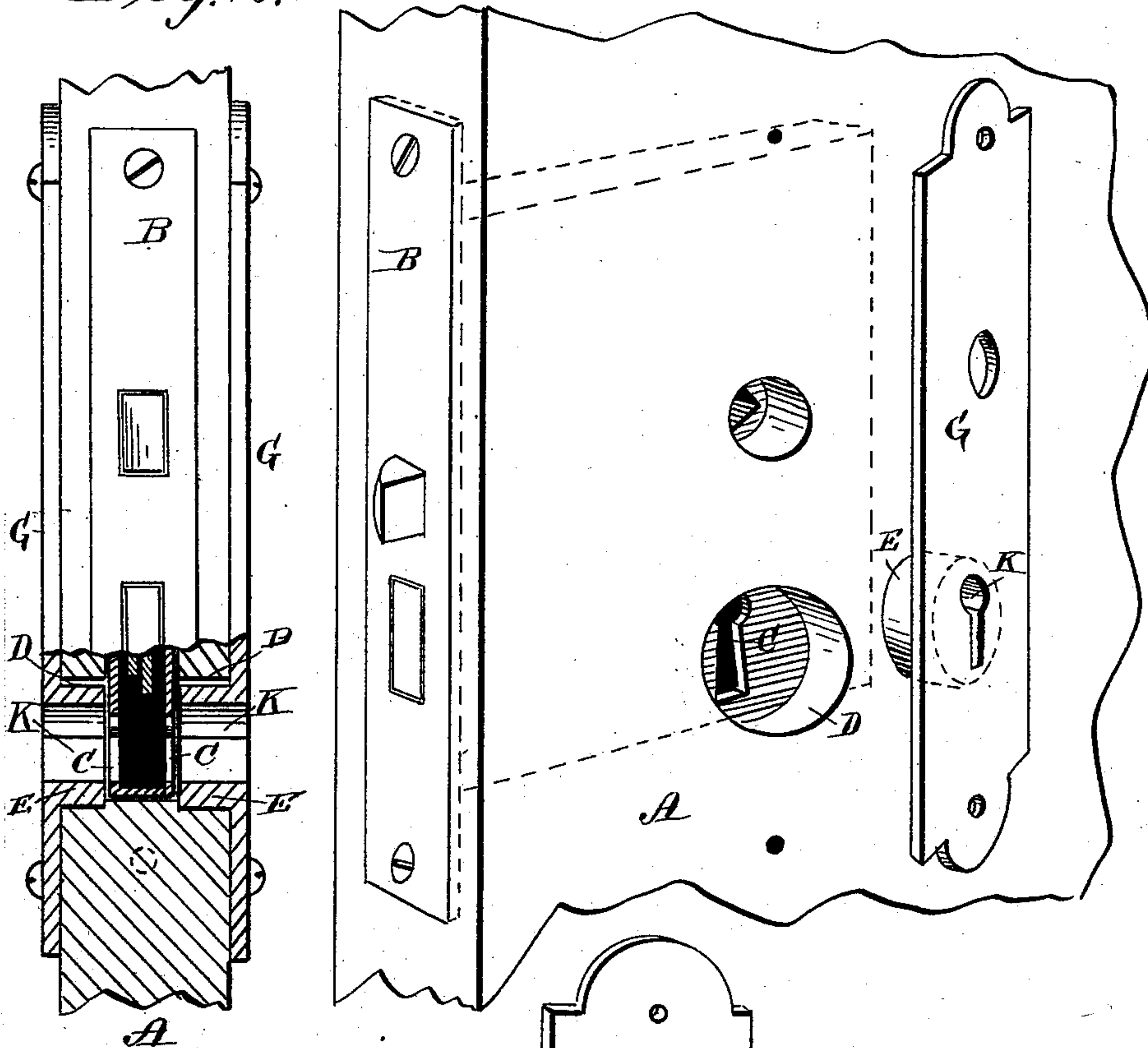
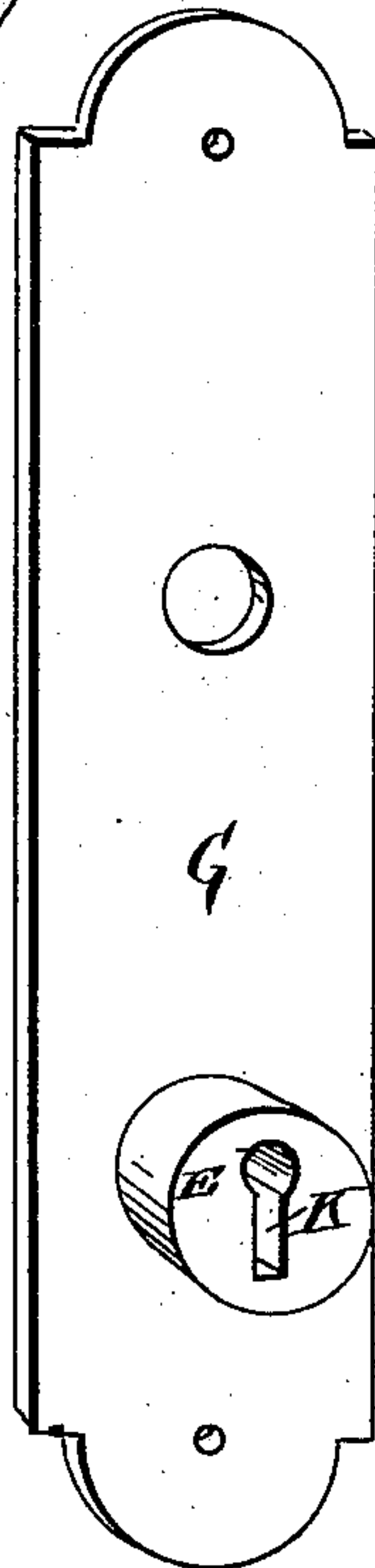


Fig. 3.



WITNESSES:

J. D. Loring
C. Sedgwick

INVENTOR:

S. S. Patterson

BY *Munn & Co*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

SAMUEL S. PATTERSON, OF WILKES-BARRÉ, PENNSYLVANIA.

COMBINED KEY-HOLE GUIDE AND ESCUTCHEON.

SPECIFICATION forming part of Letters Patent No. 364,850, dated June 14, 1887.

Application filed March 28, 1887. Serial No. 232,780. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL S. PATTERSON, of Wilkes-Barré, in the county of Luzerne and State of Pennsylvania, have invented a new and Improved Combined Key-Hole Guide and Escutcheon, of which the following is a full, clear, and exact description.

My invention has reference to the means employed for guiding the key to the key-hole of a rim or mortise lock.

Heretofore it has been the practice to cut a slot in the framing to which the lock is secured leading to the key-hole, the slot being sometimes in rude imitation of the key-hole, but more generally a mere oblong slot, and then conceal the rough cut with the key-holed escutcheon. The slot, however, never being in even approximate register with the key-hole of the lock, it was difficult to find said key-hole with the key when inserted.

My invention has for its object to overcome these difficulties by a simple and cheap device; and to that end it consists in a combined key-hole guide and escutcheon, constructed and arranged as hereinafter fully described, and then definitely claimed.

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 perspective view illustrating the application of my improvement to a mortise door-lock. Fig. 2 is an end, partly sectional, elevation of the mortise-lock having my improvement applied, the section being taken vertically through the key-holes of the lock and the opposite combined guides and escutcheons. Fig. 3 is a detail view of the combined key-hole guide and escutcheon.

A designates the framing of a door, B an ordinary lock mortised therein, and C the key-holes formed in the opposite walls of the casing of the lock.

In applying my improvement, a circular recess, D, having a diameter somewhat larger than the greatest length of the lock key-hole, is cut, by boring or otherwise, in the framing over and leading to each key-hole C. In each recess D is secured and fitted closely a cylindrical boss, E, formed or cast integrally with the escutcheon G, and having a key-hole slot, K, forming a continuation of and exactly registering with that formed, as usual, in the escutcheon, and also registering with the key-hole of the lock. The escutcheon may be secured to the framing by screws in the usual way. A continuous passage is thus formed for the key, which closely fits the same, from the escutcheon key-hole to that of the lock, so that the key on being inserted in the escutcheon key-hole is accurately guided to the lock. In the case of rim-locks the recess D would of course be formed directly through the framing A and the length of the boss E correspondingly increased.

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

As an improved article of manufacture, the escutcheon G, cast or molded integrally with the boss E and with a key-hole slot, the walls of which extend straight and continuously through the escutcheon and its boss, substantially as shown and described.

SAMUEL S. PATTERSON.

Witnesses:

WESLEY JOHNSON,
J. F. CHOLLER.