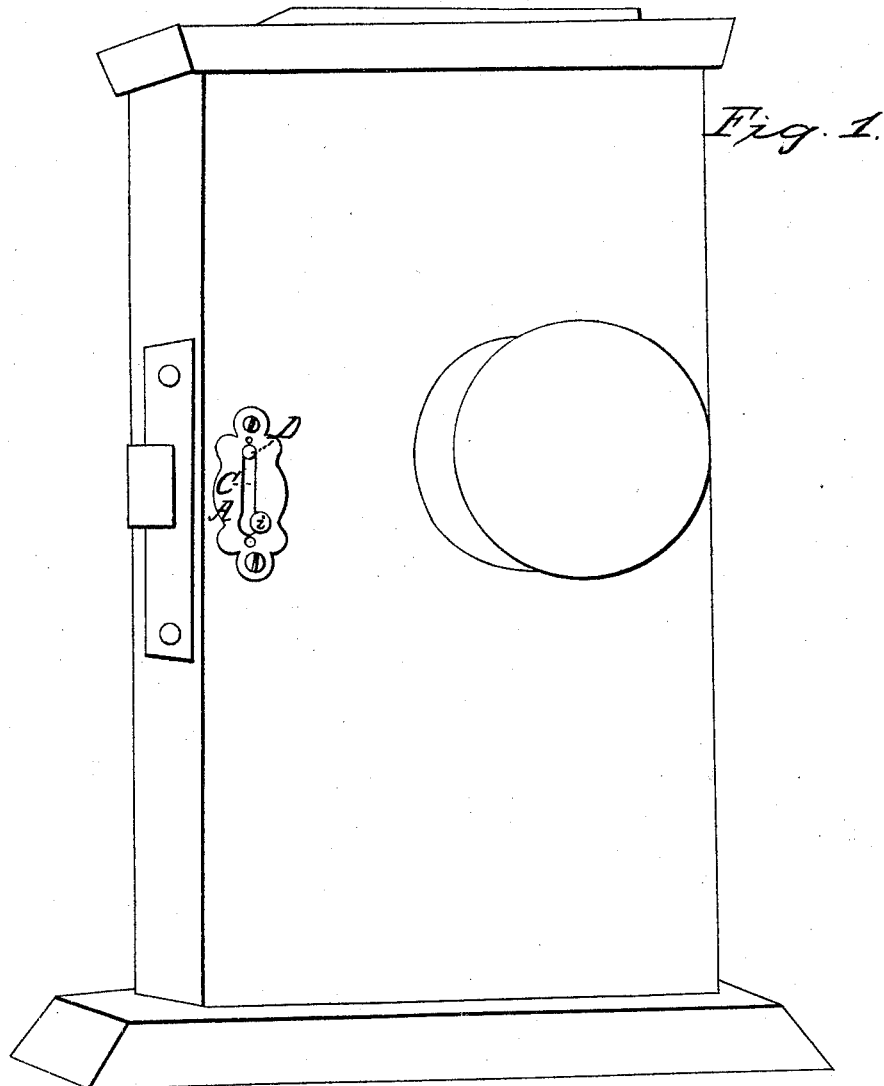


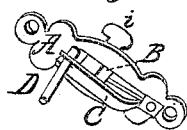
J. C. Robie,
Lock Trimmings.
N^o 45,078. Patented Nov. 15, 1864.



Witnesses:

E. E. Jackson
Fred S. Baldwin

Fig 2.



Inventor:

J. C. Robie

UNITED STATES PATENT OFFICE.

JACOB C. ROBIE, OF BINGHAMTON, NEW YORK.

IMPROVEMENT IN LATCHES.

Specification forming part of Letters Patent No. 45,078, dated November 15, 1864.

To all whom it may concern:

Be it known that I, JACOB C. ROBIE, of Binghamton, in the county of Broome and State of New York, have invented a new and Improved Mode of Locking Door-Knob Latches, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, which form part of the specification, and in which—

Figure 1 is a view of the apparatus when attached to the door. Fig. 2 represents the plate lettered A, the spring-slide lettered B, the spring lettered C, and the bolt lettered D.

My invention consists in the construction of a knob-latch bolt, to be attached to the wood-work of the door in such a manner as to bolt the latch when required, so that it cannot be drawn back or moved from its position by means of the knob, thus obviating the necessity of using any other bolt on the door.

I construct my knob-latch bolt of any of the known materials used for such purposes. The plate A may be cast or cut from a sheet of metal and enameled. I then attach the spring-slide B and the spring C with the bolt D, which has a groove near the end, into which the spring is fitted, and one end of the bolt passes through the plate, which keeps it in place. The knob *i* on the slide B extends through the plate the distance that the bolt

enters the latch—say one-eighth of an inch—so that when the slide is moved forward it depresses the spring, and thus causes the bolt to enter the hole or notch in the latch. When the slide is moved back, the bolt is withdrawn, and that part of the slide which extends through the plate and acts upon the spring passes into the recess formed by bending the spring near where it is attached to the plate.

This improvement can be attached to any door on which there is a knob-latch by simply drilling through the wood-work of the door and the shell or case of the latch, and filing a notch or drilling a hole in the latch. The plate can then be attached to the door with the bolt ready for action.

I claim—

The mode of locking or bolting a door-knob latch by means of the slide and spring connected with a bolt or pin which passes through the wood-work of the door and the shell or case of the door-knob latch into the latch in such a manner that said latch cannot be drawn back or moved from its position by means of the knob when the bolt or pin is pressed into it, as set forth.

JACOB C. ROBIE.

Witnesses:

E. E. JACKSON,
FRED. S. BALDWIN.