

H. E. Fowler,
Key Fastener,
No. 43,676, *Patented Aug. 2, 1864.*

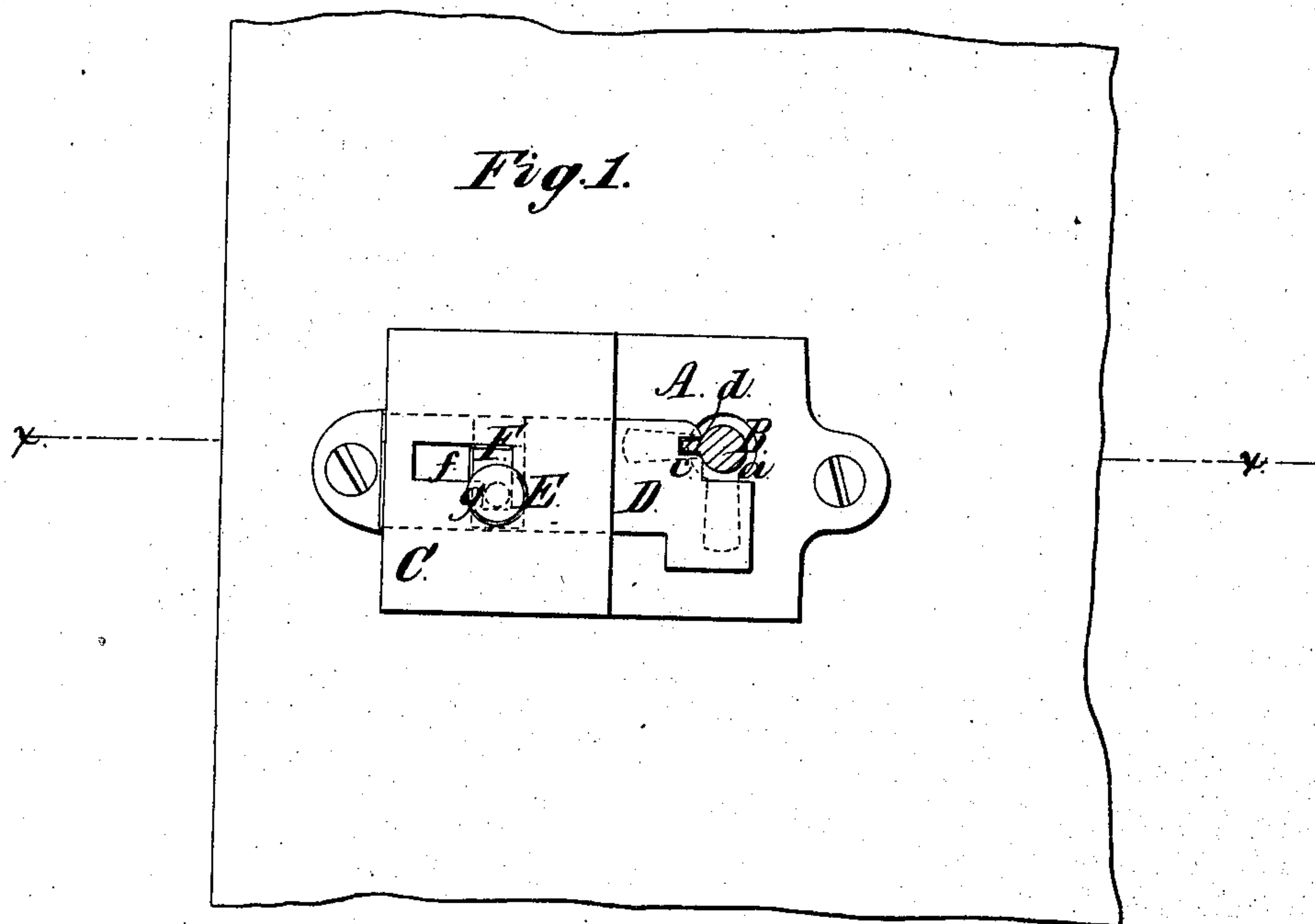
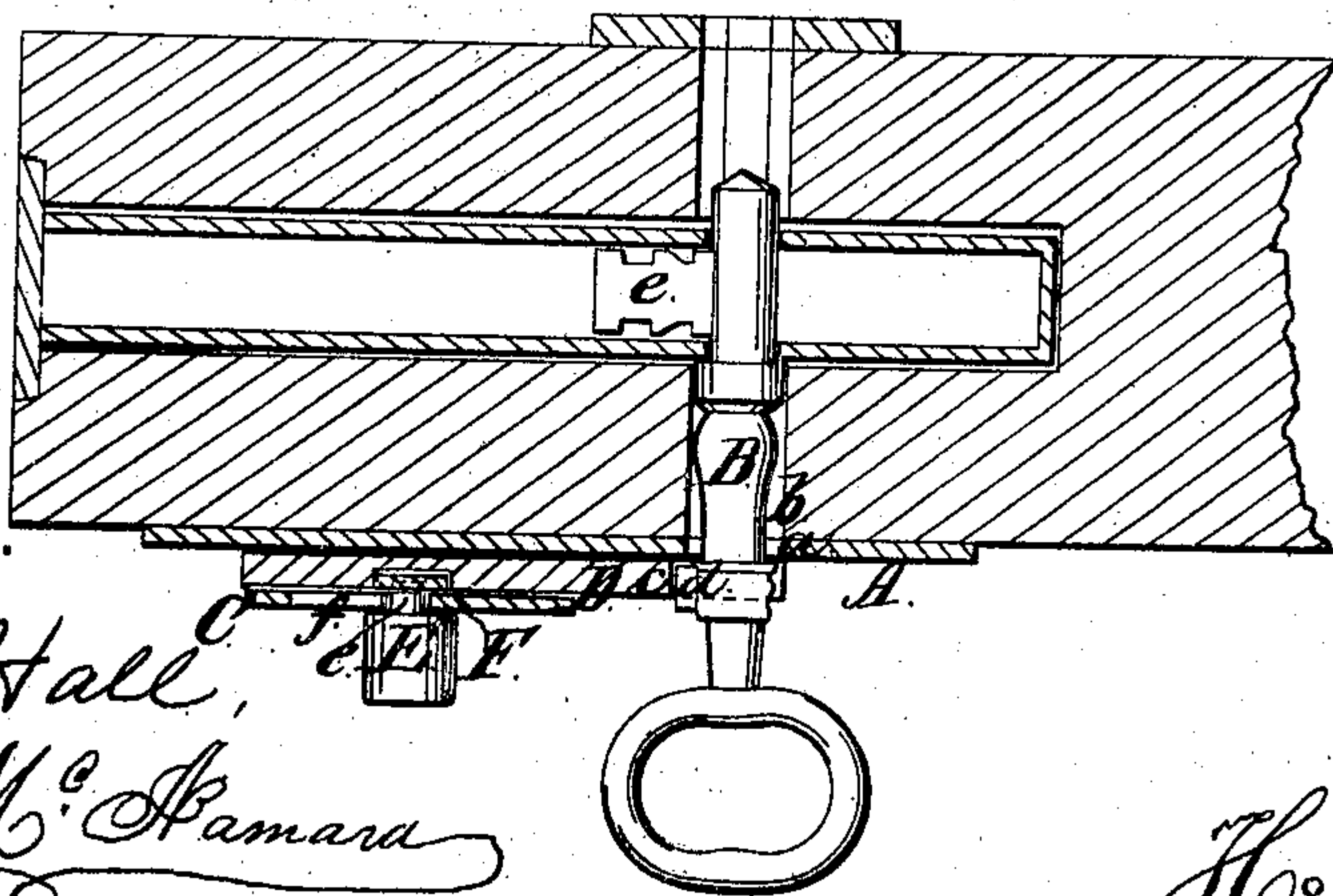


Fig. 2.



Witnesses.

J. P. Hall,
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Inventor.

Herbert E. Fowler

UNITED STATES PATENT OFFICE.

HERBERT E. FOWLER, OF NORTHFORD, CONNECTICUT.

IMPROVEMENT IN KEY FASTENERS.

Specification forming part of Letters Patent No. 43,676, dated August 2, 1864.

To all whom it may concern:

Be it known that I, HERBERT E. FOWLER, of Northford, in the county of New Haven and State of Connecticut, have invented a new and Improved Guard for Locks; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a face view of my invention as applied to a lock; Fig. 2, a horizontal section of the same taken in the line *xx*, Fig. 1.

Similar letters of reference indicate like parts.

This invention relates to a new and improved guard attachment for locks. The object of the invention is to prevent the key of the lock, when the latter is locked and the key is in the same at the inner side of the door, from being turned at the outer side of the door, and also being prevented from being forced out of the lock for the insertion of a pick.

A represents a plate which has an opening, *a*, in it to admit of the key *B* of the lock being passed through it, said plate being secured to the door over the key-hole, the opening *a* in the plate being in line with the key-hole *b* in the door. (See Fig. 2.) To the outer side of the plate *A* there is secured a cap or socket, *C*, in which a slide-bolt, *D*, is fitted and allowed to work freely to the right and left. This bolt *D* has a notch, *c*, made in its inner end, in which a lip or projection, *d*, on the key fits when said bolt is shoved inward or toward the key, and the latter is inserted properly in the lock, as shown in both figures. The lip or projection *d* is in the same plane as the bit *e* of the key, and they both project from the same side of the key, and hence it will be seen that when the lip or projection *d* is fitted in the notch *c* of the bolt *D* that the key *B* can not be forced out from the lock, as the bit *e*

will not be in line with the key-hole *b*, (see Fig. 2,) and the lip or projection *d*, in consequence of being in the notch *c* of the slide-bolt, cannot be turned from the outer side of the door by any instrument which may be applied to it. The slide-bolt *D* is moved by a knob, *E*, which is attached to a small vertical slide, *F*, fitted in the bolt. The arbor *E* of the knob passes through a horizontal slot, *f*, in the cap or socket *C*, said slot being sufficiently long to admit of a requisite movement of the slide-bolt. The slot *f* at its inner end has a vertical jog or recess, *g*, to admit of the slide *F* dropping and the knob-arbor *e* to pass into the jog or recess in order to prevent the bolt *D* moving casually back and liberating the key. In order, therefore, to shove back the slide bolt, the slide *F* must first be shoved upward to bring the knob-arbor *e* in line with the horizontal slot *f*. When the slide *F* is brought in contact with the key so that the notch *c* will receive the lip *d* of the key the slide covers the key-hole so as to prevent an instrument being inserted through the latter to move back the slide.

I am aware that slides have been applied to the key-holes of locks and so arranged with the key as to prevent the turning and forcing out of the latter from the inner side of the door, and I therefore do not claim such device, broadly; but,

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

The slide-bolt *D*, provided with a notch, *c*, to fit over or receive a projection or lip, *d*, on the key *B*, in combination with the slide *F*, with knob *E* attached, and the slot *f* in the cap or socket *C*, provided with the jog or recess *g*, all arranged substantially as and for the purpose set forth.

HERBERT E. FOWLER.

Witnesses:

J. P. HALL,

WM. F. MCNAMARA.