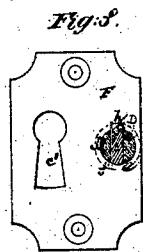
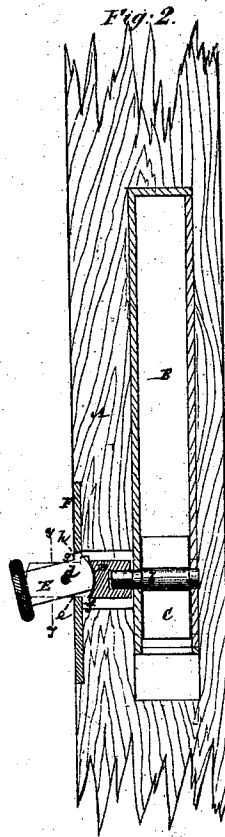
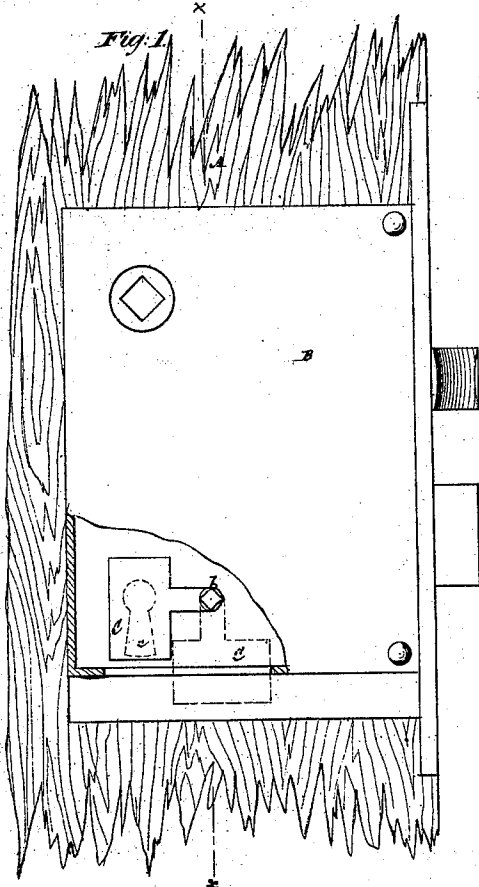


J. H. Jones,

Key Hole Guard.

No. 106,368

Patented Aug 16, 1870.



Witnesses:
F. H. Haines
R. R. Haines

John Hilton Jones
per Amos Coombs

Attorney

United States Patent Office.

J. HILTON JONES, OF BINGHAMTON, NEW YORK.

Letters Patent No. 106,368, dated August 16, 1870.

IMPROVEMENT IN KEY-HOLE GUARDS.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, J. HILTON JONES, of Binghamton, in the county of Broome and State of New York, have invented a new and useful Improvement in Lock-Protectors, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing forming part of this specification, and in which—

Figure 1 represents a vertical section through a door, in a direction parallel to its face, with a lock therein, having my improved protector, shown only in part, applied to it.

Figure 2, a section taken as indicated by the line *x x* in fig. 1; and

Figure 3, section taken as denoted by the line *y y* through a lever by which the protector is operated.

Similar letters of reference indicate corresponding parts.

My invention consists in a pivoted block or bolt, as it may be termed, having connected with it a knob or lever arranged to project through the door, so as to be operated from the interior or one side of the latter, and serving to lift the pivoted block into a position as a protector, and to automatically lock it, and, when released from lock, to allow of the pivoted block dropping by its weight out of the line of the key-holes.

Referring to the accompanying drawing—

A represents a door, and

B, the case of an ordinary mortise or any other suitable lock applied thereto.

Arranged within the lock-case is a block, *c*, pivoted as at *b*, and of a thickness so as to extend from plate to plate of the case, or thereabout, and otherwise of a size so that, when raised, it covers or overlaps internally both key-holes *c c'* of the lock, to prevent picking of the latter.

It is preferred to make said block or bolt of chilled iron or steel; also the outside plate of the case of the lock of similar material, to protect the lock against drilling.

Connected with the pivot or spindle B of the block

C, by a socketed attachment, D, is a lever, E, pivoted, as at *d*, to the socketed piece D, which latter fits the pivot *b* of the block, in such a manner as to turn it, and which, together with its lever E, is made to project through a hole, *e*, in the escutcheon F on the inside face of the door, and is restrained from being drawn out by a collar, *f*.

The lever E has a head on its outer end to facilitate it, and the socketed piece D being turned to lift the block C from its pendent position, shown by dotted lines in fig. 1, to the position represented for it by full lines in the same figure, accordingly as it is required to block up the key-holes or uncover the same on the inside of the case.

To block up the space in the case between the key-holes, the key is first removed from the lock, after locking the lock, and the lever E turned to lift the block C into its closed position of the key-holes, when, on hold being released, the lever E drops by its weight, and causes a tooth, *g*, on the inner end of it, to shoot into a notch, *h*, in the escutcheon F, which holds the pivoted block C locked in its raised or projecting position.

To open the space between the key-holes for insertion of the key, it is only necessary to slightly lift the lever E, so as to throw its tooth *g* out of the notch *h*, when the weight of the block C will cause the latter to drop out of the way of the key-holes, and to turn the lever so that its tooth *g* is out of locking line with the notch *h*. In this way the protector is made to automatically lock itself, and to open and keep open.

What is here claimed, and desired to be secured by Letters Patent, is—

The lever E, pivoted to an oscillating axis D, in combination with the key-hole guard C, substantially as shown and described.

J. HILTON JONES.

Witnesses:

EDWARD K. CLARK,
F. N. CHASE.