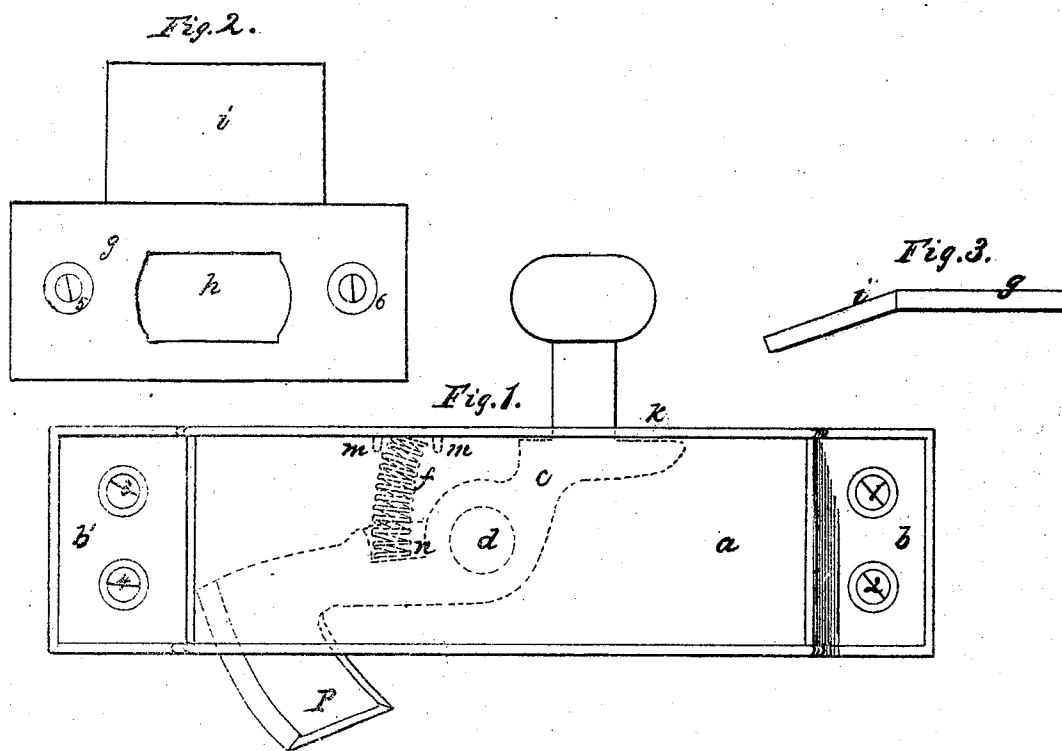


C. C. Jones.

Door-Bolt.

N^o 72302

Patented Dec. 17, 1867.



Witnesses.
W. H. Clifton.
Henry C. Houston.

Inventor.
C. C. Jones

UNITED STATES PATENT OFFICE.

C. C. JONES, OF PORTLAND, MAINE.

IMPROVED DOOR-BOLT.

Specification forming part of Letters Patent No. 72,302, dated December 17, 1867.

To all whom it may concern:

Be it known that I, C. C. JONES, of Portland, in the county of Cumberland and State of Maine, have invented a new and useful Improved Door-Bolt; and I hereby declare the following to be a full, clear, and exact description thereof, which will enable others to make and use my invention, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 shows a front view of the case or box, the bolt and spring therein being indicated by dotted lines. Fig. 2 shows a top plan of the plate, which is secured to the door-sill. Fig. 3 is a side edge view of the same.

In the accompanying drawings, *a* shows the case, having the wings *b b'*, by which the case is secured to the door, as shown, by screws 1 2 3 4. *c* shows the bolt, swinging on pivot *d*, having the knob *e* and spring *f*. *g* shows a plate, having the aperture *h* and inclined portion *i*, and secured by screws 5 6. There is a slot in the top of the case at *k*, to allow the movement of the shank of the bolt.

The spring *f* is held in position on the inside of the top of the case by projections *m*, and the other end of the spring sunk into the recess *n* in the bolt.

The case *a* is intended to be attached to a door at the bottom, on the inside and near the edge.

My bolt is also intended to be employed upon a double door, or, in other words, where two wings fill the door-space.

It is more particularly the purpose of my invention to obtain a ready method of securing the second door without the trouble of locking or bolting. With this view I attach the plate *g* to the door-sill, with the inclined part *i* resting on the inside of the sill. Thus, when the door is shut, the part *p* of the bolt, striking the inclined portion of the plate *g*, is pushed up within the case *a* until the said part *p* enters the space *h*, into which it is pressed by the expansive power of the spring *f*.

When the door is to be opened, the foot must be pressed upon the knob *e*, which raises the part *p*. Thus my invention is automatic only when the door is closed and the bolt is used to secure the same.

What I claim, and desire to secure by Letters Patent, is—

The combination of bolt *c*, knob *e*, and spring *f* in the case *a* with the plate *g*, substantially as and for the purposes herein described.

C. C. JONES.

Witnesses:

WM. H. CLIFFORD,
HENRY C. HOUSTON.