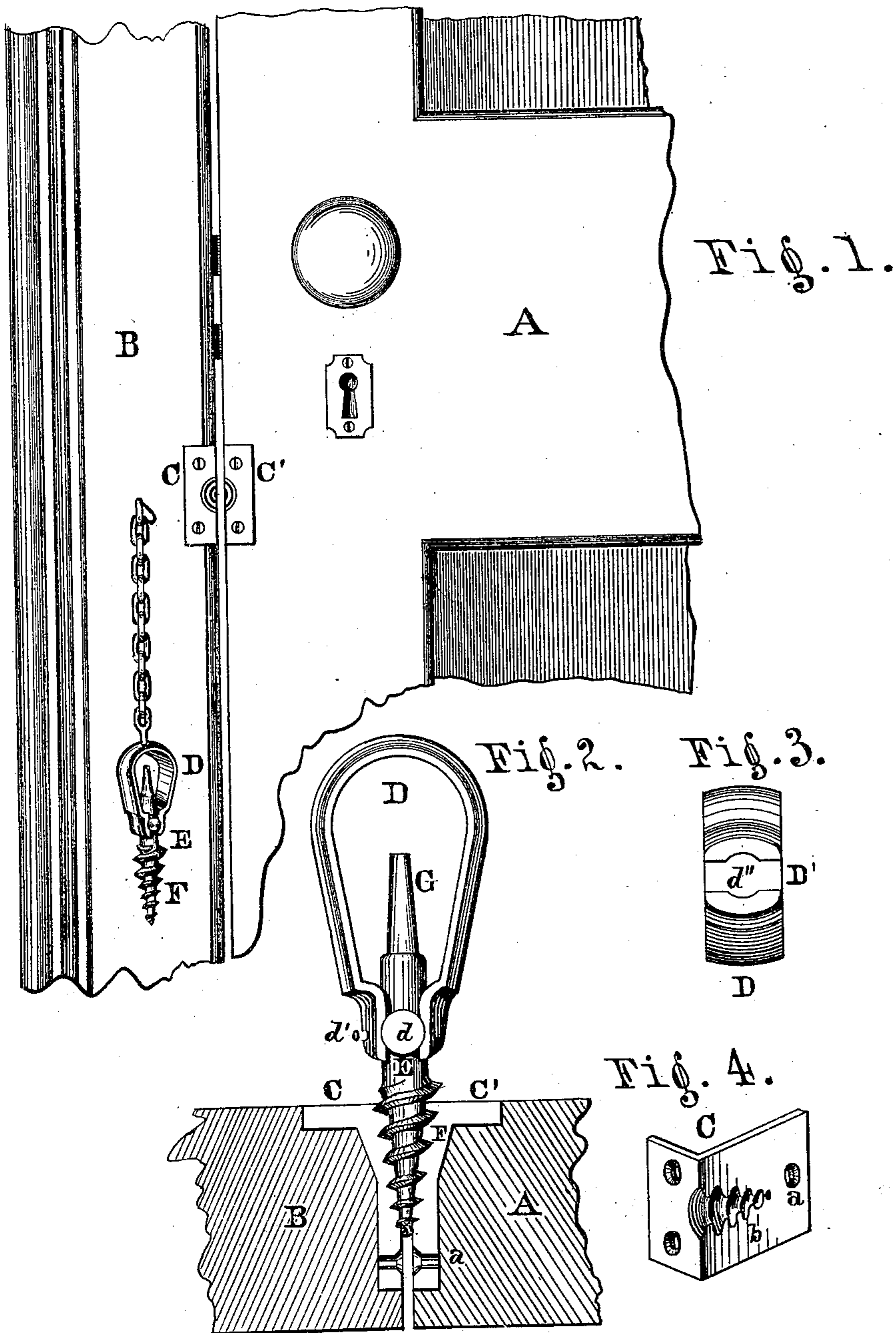


G. M. LINDSEY.
DOOR-SECURER.

No. 178,864.

Patented June 20, 1876.



WITNESSES:

John C. Mathews.
Frank Hirsch

INVENTOR:

George M. Lindsey
by Michael J. Stark
his Atty.

UNITED STATES PATENT OFFICE.

GEORGE M. LINDSEY, OF TONAWANDA, ASSIGNOR OF ONE-HALF HIS RIGHT
TO WILLIAM ASCOUGH, OF BUFFALO, NEW YORK.

IMPROVEMENT IN DOOR-SECURERS.

Specification forming part of Letters Patent No. 178,864, dated June 20, 1876; application filed
November 24, 1875.

To all whom it may concern:

Be it known that I, GEORGE M. LINDSEY, of Tonawanda, in the county of Erie and State of New York, have invented an Improved Door-Fastener; and I do hereby declare that the following description, taken in connection with the accompanying drawings, forms a full and exact specification.

This invention relates to door securers or fasteners; and it consists of a portable spring-bow, having pivoted within its jaw a reversible spindle, provided on one of its extremities with a very coarse and tapering screw-thread, engaging with a two-part nut or bushing secured to the door and the jamb, and on its other extremity with a piston for a watch-key, said reversible spindle being so arranged that either the screw or the watch-key will project from the spring-bow, and the two-part nut so secured to the door and jamb that when the said screw is introduced into said two-part bushing, the door will be effectually secured and prevented from being opened, in a manner as hereinafter more fully described.

Figure 1 in the drawings is a fragment of a door and jamb, showing my device in proper position. Fig. 2 is a front elevation of the door-fastener, showing its two-part nut and the door and jamb in section. Fig. 3 is an end view of the spring-bow, and Fig. 4 a perspective view of one part of the nut.

Like letters of reference indicate similar parts in the various figures.

A and B are fragments of a door and its jamb, respectively. C C' is a two-part nut, consisting of plates bent at right angles, and provided with holes *a* for the passage of screws, to fasten them to the said door and jamb. In doors where the jamb projects over the face, I make one of these plates only as described and the other plain. D is a spring-bow, produced of a flat or quarter-round bar of iron or steel, and bent in such manner that its two extremities are parallel to form a jaw, D'. This jaw is provided with gutters or grooves *d''*, intersecting each other at right angles, and they serve the purpose hereinafter to be referred to. E is a spindle, pivoted within the jaw D' by the pin *d'*, and it con-

sists of a cylindrical center part, having two circular projections or trunnions, *d*, corresponding to the grooves *d''* in the jaw D', by means of which it is retained in proper position, a very tapering and coarse screw on one and a piston for a watch-key on its other extremity. This spindle E rotates upon its pivot *d'* between the jaw D', in such manner that either the screw-spindle F or the watch-key G may project from the bow D. Each of the plates C C' is provided with curved notches or indents, corresponding to the screw F, so as to form a nut therefor when placed opposite each other upon the door A and the frame B.

The operation of my door-fastener will be readily understood. The two-part nut being permanently attached to the door and jamb, the screw-spindle F is introduced therein, and has, on account of its taper, a tendency to force the door and frame apart, and, in conjunction with its threads engaging with said two-part nut, to tightly and securely fasten the same, so that it cannot be opened from without unless the spindle is first withdrawn.

Although the two-part nut is a very desirable adjunct to my door-fastener, to prevent the marring of the door, it is not absolutely necessary for its proper operation, since the same result may be obtained by introducing the screw-spindle directly between the door and jamb, where said screw-thread will bury itself into the wood, and thus securely lock said door.

The device, as described, forms a very convenient and portable door-fastener for travelers' use, to secure a room against intruders, aside from those facilities generally afforded for such purposes, and it is, on account of its cheapness, within the reach of all.

Having thus fully described my invention, I desire to secure by Letters Patent of the United States—

1. The combination, with the spring-bow D, having its jaw D' provided with the gutters *d''*, intersecting each other at right angles, of the spindle E, pivoted within the jaw D', and having the trunnions *d* centrally, and a very coarse and tapering screw-thread on its ex-

tremity, and the two-part nut C C', secured to the door A and jamb B, substantially as described, for the use and purpose set forth.

2. The within-described combined portable door-fastener and watch-key, consisting of the spring-bow D, having its jaw D' provided with the gutters *d''*, and the reversible spindle E, pivoted within the jaw D', and having the trunnions *d* centrally, and a very coarse and tapering screw-thread on one, and a watch-

key, G, on its other extremity, substantially as described, as a new article of manufacture.

In testimony whereof I have hereto set my hand and affixed my seal in the presence of two subscribing witnesses.

GEORGE M. LINDSEY. [L. s.]

Witnesses:

MICHAEL J. STARK,
FRANK HIRSCH.