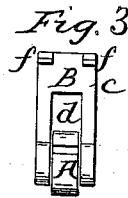
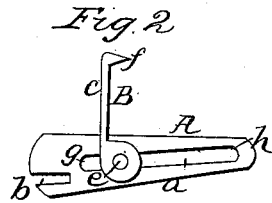
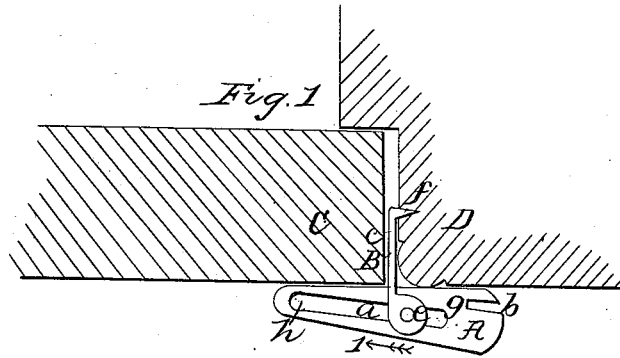


*F. A. & A. J. Illingworth,*

*Door Securer.*

*N<sup>o</sup> 52,050.*

*Patented Jan. 16, 1866.*



*Witnesses*  
*Wm. C. Sym*  
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*Fig. 4 B*



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# UNITED STATES PATENT OFFICE.

F. A. ILLINGWORTH AND A. J. ILLINGWORTH, OF WESTON, MASS.

## IMPROVED DOOR-FASTENING.

Specification forming part of Letters Patent No. 52,050, dated January 16, 1866.

*To all whom it may concern:*

Be it known that we, F. A. ILLINGWORTH and A. J. ILLINGWORTH, of Weston, in the county of Middlesex and State of Massachusetts, have invented a new and Improved Door-Fastening; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a plan or top view of our invention applied to a door; Fig. 2, a detached plan or top view of the same, shown in a position reverse to that shown in Fig. 1; Fig. 3, a detached end view of the same; Fig. 4, a detached plan or top view of the same in a closed state.

Similar letters of reference indicate corresponding parts.

This invention relates to a new and improved door-fastening of that class designed for travelers, one that is extremely portable, so that it may be carried in the pocket without any inconvenience whatever, and capable of being applied to either a right or left hand door with the greatest facility.

A represents a short metal bar, which may be termed the "stock" of the device, and has an oblong slot, *a*, made longitudinally in it, and also a slot, *b*, which is made longitudinally in it from one end, as shown clearly in Figs. 1 and 2.

B represents what may be termed the "claw" of the device, which is composed of a plate, *c*, having a slot, *d*, made longitudinally in it to receive the bar A, a rod, *e*, passing through the plate and through the slot *a* of the bar A for the claw B to turn or work upon. The outer end of the claw B is provided with two spurs or points, *f f*, projecting from it at right angles, as shown in Figs. 1, 2, and 4, and the slot *d* in the claw B is sufficiently long so that the claw, when the rod *e* is at one end, *g*, of the slot *a* in the bar A, may be turned around to either side of A.

The device is applied as follows: In Fig. 1

a left-hand door, C, is shown in red, D being one side of the door-frame against which the door closes. The claw B is turned outward at right angles with the bar A, so that the rod *e* will be at the end *h* of the slot *a*, and the spurs or points *f f* are pressed into the side of the frame D and the door closed. The bar A is then shoved to the left, or in the direction indicated by the arrow 1, so that the bar A will project over the edge of the door, as shown in Fig. 1, and the door will be securely fastened, so that it cannot be opened from the outer side.

In order to unfasten the door the bar A is shoved from left to right until the rod *e* is at the end *h* of the slot *a*, and said bar will not then be in the way of the door.

The bar A, it will be seen, is made of taper form, so that when shoved from right to left it will bind snugly against the door.

In applying the device to a right-hand door the claw B is turned around to the opposite side of the bar, as shown in Fig. 2.

The device may be readily detached from the door-frame when the door is open, and the claw B is then turned around in a longitudinal position with bar A and shoved inward, so that the outer part of the claw may fit into slot *b*, as shown in Fig. 4. The device is then in compact form, and may be carried in the vest-pocket without any inconvenience. Thus a very portable and secure door-fastening is obtained, and one which may be manufactured at a trifling cost.

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

A portable door-fastening composed of the slotted bar A and the adjustable claw B, constructed and arranged substantially in the manner as and for the purpose herein set forth.

F. A. ILLINGWORTH.  
A. J. ILLINGWORTH.

Witnesses:

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D. E. POPE.