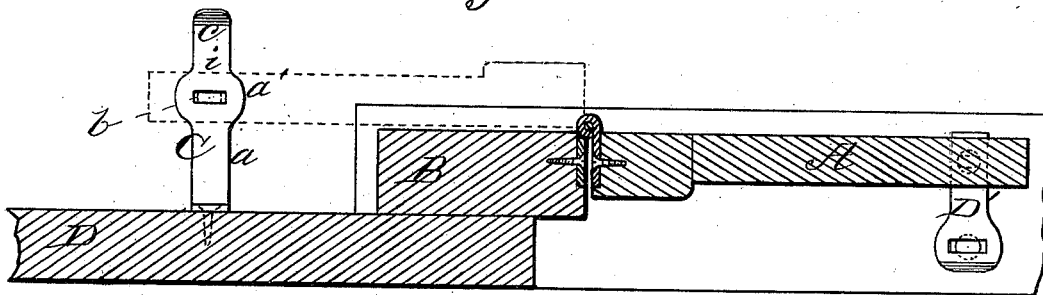


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Blind-Fastener.

No. 212,920.

Patented Mar. 4, 1879.

Fig. 1.



WITNESSES

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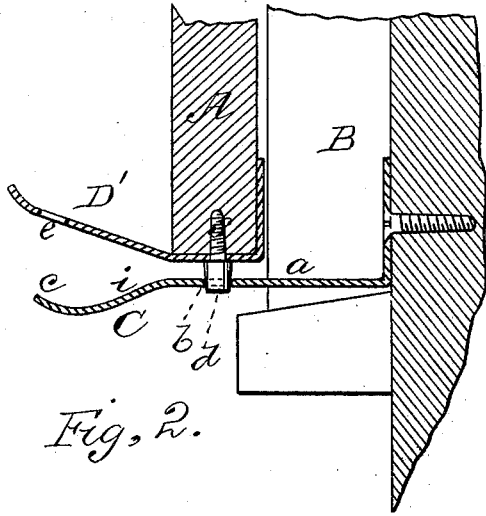


Fig. 2.

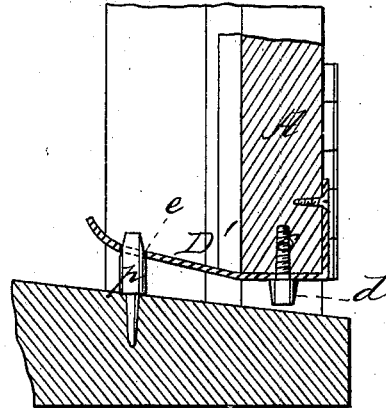


Fig. 3.

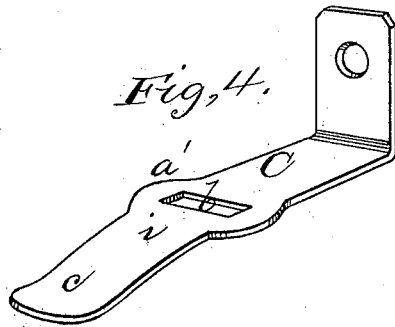


Fig. 4.

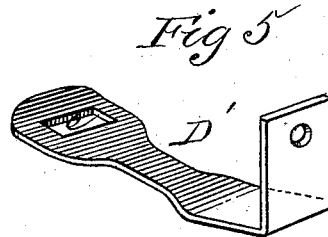


Fig. 5.



Fig. 6.

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UNITED STATES PATENT OFFICE.

ALBERT F. FULLER, OF PROVIDENCE, RHODE ISLAND.

IMPROVEMENT IN BLIND-FASTENERS.

Specification forming part of Letters Patent No. 212,920, dated March 4, 1879; application filed December 14, 1878.

To all whom it may concern:

Be it known that I, ALBERT F. FULLER, of Providence, in the county of Providence and State of Rhode Island, have invented a new and valuable Improvement in Blind-Fasteners; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a horizontal section of a blind and window-frame, showing my fastener applied; Figs. 2 and 3 are sectional views of the same; and Figs. 4, 5, and 6 are details of the fastener.

This invention has relation to improvements in blind-fasteners, the object of which is to lock the blind back so as to be incapable of slamming and of being opened from the outside when closed.

The invention consists in the construction and novel arrangement, in combination with a slotted spring-catch, attached to the outside, and a sill-pin, of an angular slotted spring-catch, rigidly secured to the under edge of the blind, and having a depending stud to engage with the wall-catch when the blind is thrown open, as hereinafter shown and described.

In the annexed drawings, the letter A designates an ordinary blind, hinged, in the usual way, to the window-frame B. This frame is let into the window-opening of a wall.

C indicates the outside fastening of my improved lock, consisting mainly of an angular steel plate, *a*, screwed or otherwise rigidly secured to the wall D, provided at its middle portion with an enlargement, *a'*, having a transverse slot, *b*, and terminating in a thumb-plate, *c*. This plate is slightly concaved by bending, as shown in Fig. 2, the object being to form a downward incline, *i*, thereon in front of the slot *b*, for a purpose hereinafter set forth.

D' indicates a second part of my improved blind-lock, the same being usually of angular form and made of spring-steel. This part D' is rigidly secured to the under edge of the blind by means of suitable screws *s*, and it is provided on its under side with a projecting

spur, *d*, that, when the blind is fully thrown back, comes in contact with the incline *i* of the catch C, causing the latter to spring downward until the said spur enters slot *b*, when it reacts and fastens the blind back. As shown in Fig. 2, the catch D' projects out beyond the inner face of the blind, and is somewhat widened at its end. It is provided in the said widened end with a transverse slot, *e*. When the blind is drawn to or closed the under side of the latch D' comes in contact with an upright metallic post, *p*, upon the window-sill, is slightly sprung up until the said post enters slot *e*, when it reacts and locks the blind in the closed position.

It will be observed that by raising the end of latch D the post *p* is disengaged from slot *e*, and the blind may then be thrown open; also, that by depressing the end of the exterior latch, C, the spur on the under side of the inner latch, D, escapes from slot *b*, and allows the blind to be closed.

In practice, the latches C D are made of sufficient length to afford a convenient hold in operating them.

I am aware that falling and rising catch-plates have been attached to the lower part of a blind, to extend inward and outward, to engage with a pin on the sill or wall; but I do not claim such construction, my invention being confined to spring-plates having rigid attachments.

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

The blind-fastener herein described, consisting of the spring-latch C, having a transverse slot, *b*, inclined portion *i*, and thumb-plate *c*, rigidly secured to the wall outside of the blind, the spring-plate D', rigidly secured to the under side of said blind, and having end slot, *e*, and spur *d* on its under side, and an erect post, *p*, on the sill, the whole constructed and arranged to operate substantially as shown and described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

ALBERT FRANCIS FULLER.

Witnesses:

JOHN C. PURKIS,
GILMAN E. JOPP.