

(Model.)

A. VAN WIE.
SHUTTER FASTENER.

No. 407,308.

Patented July 16, 1889.

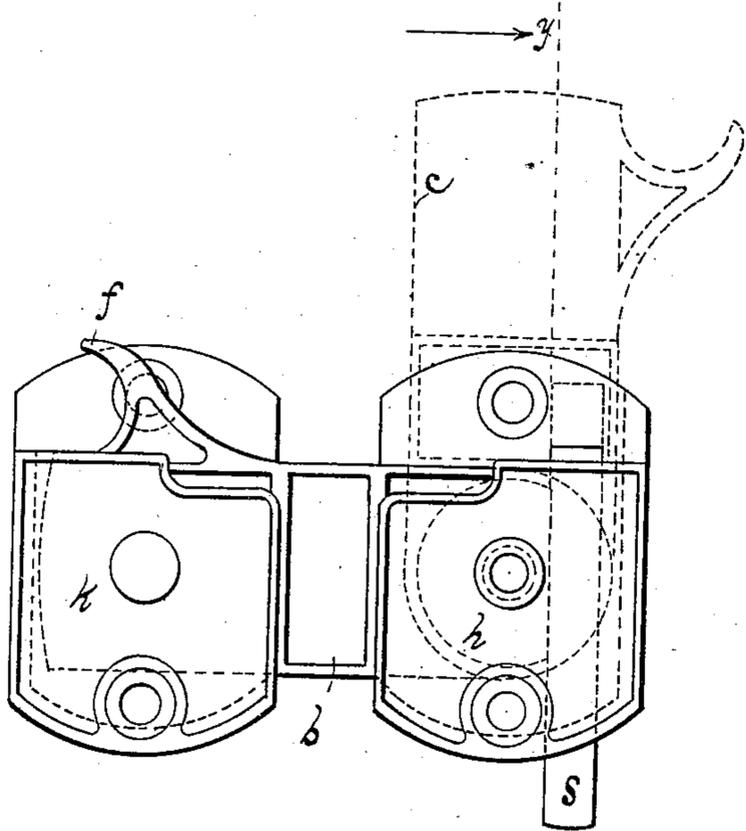


Fig. 1.

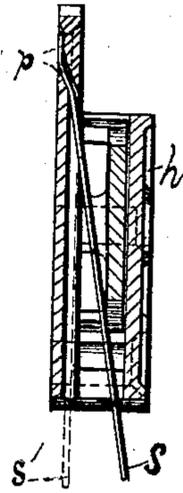


Fig. 3.

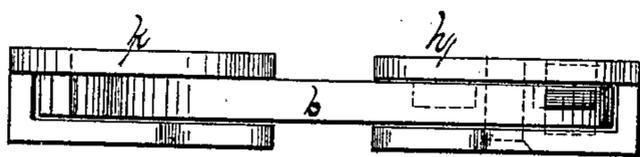


Fig. 2.

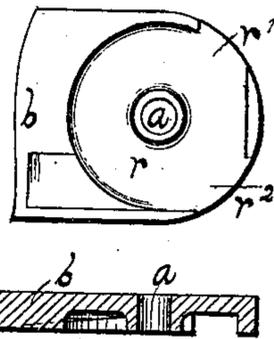


Fig. 4.



Fig. 5.

WITNESSES:

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UNITED STATES PATENT OFFICE.

EVERY VAN WIE, OF INDIANAPOLIS, INDIANA.

SHUTTER-FASTENER.

SPECIFICATION forming part of Letters Patent No. 407,308, dated July 16, 1889.

Application filed November 29, 1887. Serial No. 256,379. (Model.)

To all whom it may concern:

Be it known that I, AVERY VAN WIE, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented an Improvement in Shutter-Fasteners, of which the following is a specification.

My invention relates to improvements in shutter-fasteners, the objects being to provide a fastener which shall be durable, simple, efficient, and cheap; and with these ends in view my invention consists of certain details in construction and combinations of parts, as will be more fully pointed out and explained in the following specification and claim.

In the accompanying drawings, Figure 1 is a front view of my device. Fig. 2 is a view, looking edgewise, of the bar when the latter is in a locked position. Fig. 3 is a sectional view of Fig. 1 on line y , looking in the direction of arrow. Figs. 4 and 5 are detail plan and sectional views of recessed side of locking-bar.

h is the housing or casing, in the center of which is pivoted locking-bar b , for which purpose the latter is provided with hole a .

k is the keeper of the lock.

The broken lines c represent the position of the locking-bar when it is disengaged from the keeper, or in an unlocked position.

At r is seen an annular depression, the surrounding walls of which have recesses at r' and r^2 adapted to receive the spring s alternately as the bar is moved to or from engagement with the keeper. The spring s is held in the base of housing bearing on points p , and extending through aperture between these two points and through housing, projecting outside sufficiently that it may be easily depressed by a pressure given on this external end by the thumb or finger when desired and the spring brought to the position shown by broken lines s' , when the spring is entirely clear of the bar that it (the bar) may be moved to either position desired, and re-

leasing the spring, it will enter one of the two recesses, r' and r^2 , and will retain the bar in a relative position. Thus the said recesses being located at right angles to each other, when the bar is in the position shown by dotted lines c the recess r^2 will fall directly over the spring, and when the bar is in the position seen at b , Fig. 1, the recess r' will fall directly over spring, so that the bar is held securely either in a locked or unlocked position. The flange or projection f is adapted to catch hold of with the thumb or finger to draw the bar from the keeper on unlocking.

In use the fastener is placed in the ordinary manner, the housing h on one and the keeper k on the other of a pair of shutters, either in the position shown at Fig. 1 or reversed, so that the bar will extend downwardly on being unlocked.

It is evident that slight changes might be made in the construction of my device without departing from the spirit and scope of the same; hence I desire to have it understood that I feel at liberty to make any such changes as fall fairly within such scope.

Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

In a shutter-fastener, a housing h , adapted at p to receive the fixed end of spring s , a bar v , pivoted at a within said housing, said bar being provided with recesses or grooves r' r^2 , within which spring s is adapted to engage, the above-named spring, and a keeper k , all combined to operate substantially as and for the purposes specified.

In testimony that I claim the foregoing I have hereunto set my hand, this 26th day of November, 1887, in the presence of two witnesses.

AVERY VAN WIE.

Witnesses.

ABE L. TEETOR,
JAMES P. BAKER.