(No Model.)

R. G. DUDLEY.

SHUTTER FASTENER.

No. 267,168. Patented Nov. 7, 1882.

Fig. 1.

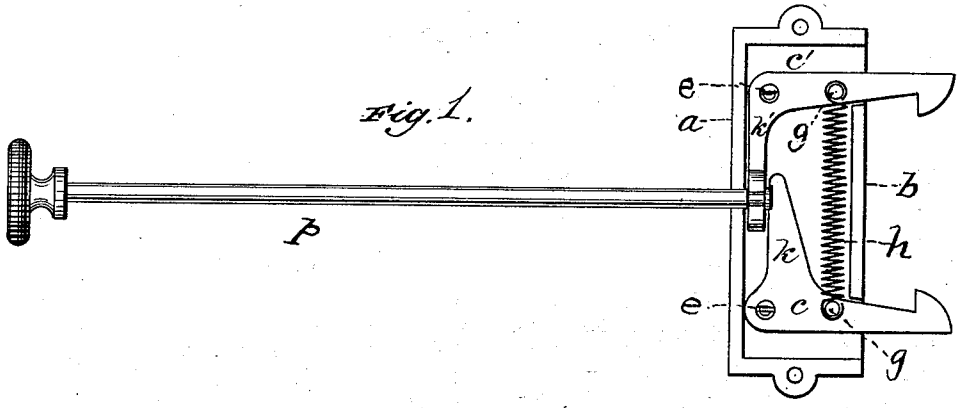


Fig. 3.

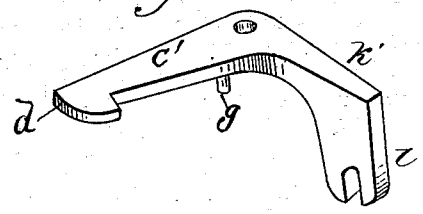


Fig. 4.

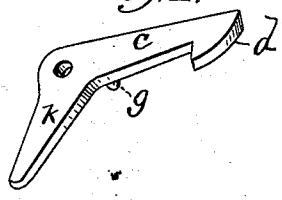
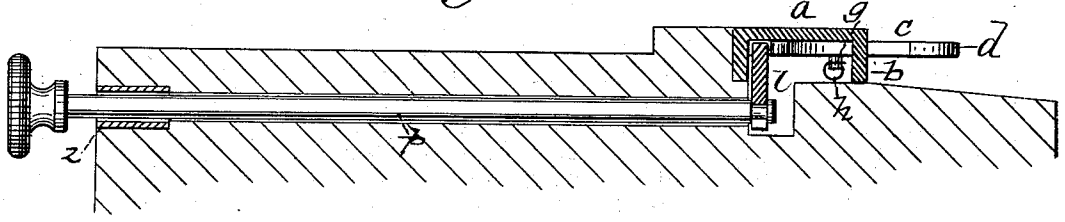


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

RUSSELL G. DUDLEY, OF JERSEY CITY, NEW JERSEY.

SHUTTER-FASTENER.

SPECIFICATION forming part of Letters Patent No. 267,168, dated November 7, 1882.

Application filed July 15, 1882. (No model.)

To all whom it may concern:

Be it known that I, RUSSELL G. DUDLEY, a citizen of the United States, and a resident of Jersey City, in the county of Hudson and State of New Jersey, have invented a new and valuable Improvement in Fastenings for Window-Shutters; 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 bottom view of my device detached from the window-frame. Fig. 2 is a cross-section of the same applied to a window frame or sill, and Figs. 3 and 4 are perspective views of the two catches.

This invention has relation to fastenings for window-shutters; and it consists in the construction and novel arrangement of the case designed to be let into the window-sill, and provided with a depending stop-flange in front, the laterally-opposed inwardly-turned hooks pivoted to said plate, connected by a spring, and provided respectively with horizontal inwardly-extending arms, one in front of the other, and the operating-rod extending through a channel or perforation in the sill, and having a neck-recess around its inner end to receive a notch-bearing formed in a lug on the rear arm, all as hereinafter set forth.

In the accompanying drawings, the letter *a* designates the case, which is plane on its upper surface, which is designed to be flush with the surface of the window-sill when said case is let into a recess in the same, said recess being made at the outer margin of the sill and protected in front by a depending flange, *b*, on each side of which are openings, through which the catch-heads of the hooks project.

c and *c'* designate the hooks, which are laterally opposed to each other, having their catch-heads *d* turned inward, or toward each other, in front of the case *a*. These hooks are pivoted to the under side of the case by screws *e*, which extend through perforations in their angular portions. These hooks are formed with studs *g*, to which the ends of a connecting-spring, *h*, which operates to draw the hooks toward each other, are fastened. The hook *c* is formed with an inwardly-extending or transverse arm, *k*, at right angles to its shank, said arm lying under the case and extending past the center thereof. The hook *c'* is also provided with a horizontal transverse arm, *k'*, extending past the center of the plate, in rear of the arm *k*, and designed, when pushed forward, to engage said arm. The arm *k'* is provided with a vertical notch-bearing lug, *l*, which engages a neck channel or bearing, *n*, formed around the inner end of the operating-rod *p*, which extends horizontally through a channel or perforated way made in the sill. In the front end of the perforation is inserted a wear-sleeve, *z*, which is located around the operating-rod and serves to protect said rod and the sill.

When the shutters are closed their hooks automatically engage the hooks *c c'* of this fastening, and are securely held. In order to effect a disengagement, so as to enable the shutters to be opened, the operating-rod is pushed inward, causing the angular hooks to diverge at their catch ends, releasing the blind-catches. Then the operating-rod is released and the hooks *c c'* return to their normal position, being held therein by the spring and the stop-flange *b* of the case.

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

The shutter-fastening consisting of the connecting face-plate *a*, having the depending stop-flange *b*, the laterally-opposed inwardly-turned hooks *c c'*, pivoted to said plate, connected by the spring *h*, and having the horizontal inwardly-extending arms *k k'*, one in front of the other, the notch-bearing lug *l* of the rear arm, and the operating-rod *p*, having a neck-channel to engage said notch-bearing lug, substantially as specified.

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

RUSSELL G. DUDLEY.

Witnesses:

THEO. MUNGEN,

PHILIP C. MASI.