C. W. SALADEE.

SASH-FASTENER.

No. 180,160. Patented July 25, 1876.

Fig. 1.

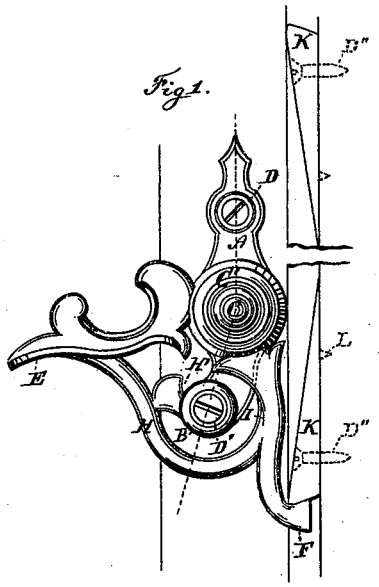

Fig. 2.

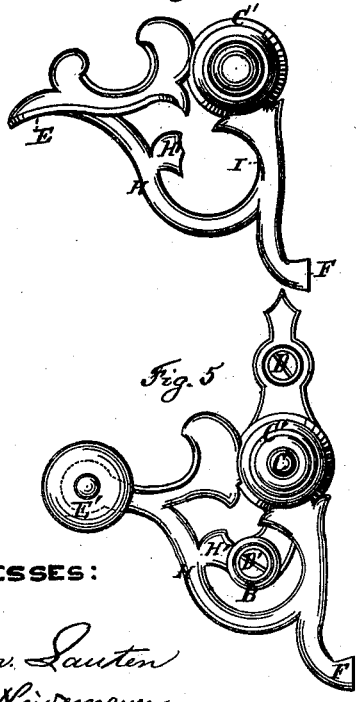

Fig. 3.

Fig. 4.

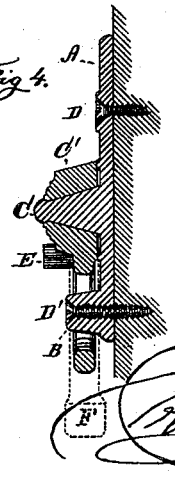

Fig. 5.

WITNESSES:

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CYRUS W. SALADEE, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN SASH-FASTENERS.

Specification forming part of Letters Patent No. **180,160**, dated July 25, 1876; application filed May 2, 1876.

To all whom it may concern:

Be it known that I, CYRUS W. SALADEE, of Washington city, in the District of Columbia, have invented certain Improvements in Window Fastener, of which the following is a specification, embodying my said invention.

To enable others skilled in the art to make and use my invention, I herewith submit the following general description:

My invention consists in providing the fixed plate, on which the hook-ended catch and gravitating handle are pivoted and operated with a projecting stud to serve as a stop, and by which to prevent the hook-ended catch moving too far in toward the window-frame when letting go of the handle, or from swinging too far in the opposite direction, when taking hold of the handle to unlatch the hook, and as a partial means by which to assist in raising the sash.

In the drawings, Figure 1 is a front or face view of a complete sash-fastener, in position, on the plan of my invention. Fig 2 is a detached face view of the hub C′, hook-ended catch F, handle E, and the intermediate brace H. Fig. 3 is a detached face view of the fixed plate A, in which is seen the projecting stud C, on which to secure and operate the hub C′, seen in the other figures, as also the stop B. Fig. 4 is a perpendicular section through the center of the projecting stud C and stop B, and Fig. 5 is a face view of the complete fastener, wherein a knob, E, is substituted as a handle, in place of the projecting flat plate E, seen in Figs. 1 and 2.

Connected to the hub C′ is the body of the hook, which terminates in form as at F, and so that the top surface of the hook shall fall in under the catch-plate K, Fig. 1, when the window is down, and the lower surface shall fall in over the catch-plate higher up on the frame, by the weight or gravity of the handle E, pivoted to the stud C of the fixed plate A.

The handle E is secured to the hub C′ in a right-angle position to the body of the hook F, or nearly so, and the latter and the handle E are united by the intermediate brace H.

It will now be observed that, by this novel arrangement of parts, an opening is left between the hub C′, hook F, and handle E, of such requisite dimension as will admit of the stop B on the fixed plate A to pass up through and yet admit of a slight movement of the hook backward and forward in unison with the movement of the handle, while, at the same time, this stop serves to dictate, as it were, the degree of motion necessary to the hook when actuated by the handle, as already described.

The catch-plates K are arranged as plainly seen in Fig. 1. The lower one is arranged to catch the top side of the hook F when the sash is down, while those arranged on the frame higher up are reversed to catch the under side of the hook, and thus hold the sash in either position.

The fixed plate A is secured to the sash by means of two screws, D and D′, and the latter is made to pass down through the body of the stop B.

When necessary, as perhaps in car-windows, the action of the hook F may be facilitated by the interposition of a suitably-connected spring within the hub C′, or otherwise, but for all other purposes this will not be necessary, yet I may make them both with and without such spring.

I claim—

In a sash-fastener, the fixed plate A, projecting stud C, hook and bearing-catch F, and handle E, united to the hub C′, in combination with the projecting stud or stop B, and limiting the play thereof, the whole constructed and arranged to operate substantially as and for the purpose described.

CYRUS W. SALADEE.

Witnesses:

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