E. LEVERICH.

FASTENERS FOR THE MEETING-RAILS OF SASHES.

No. 193,124. Patented July 17, 1877.

Fig. 1.

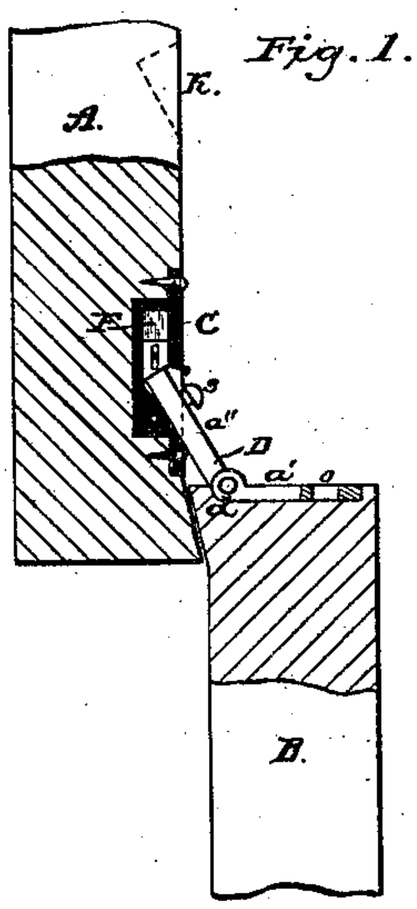


Fig. 2.

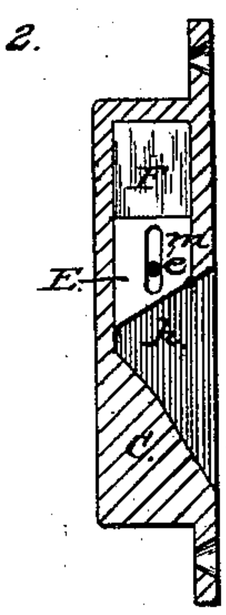
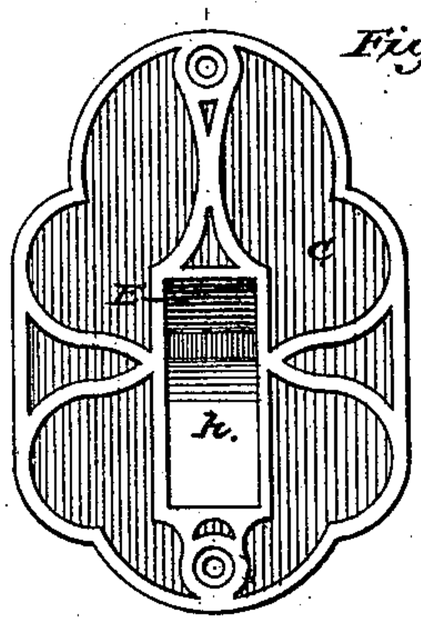


Fig. 3.



x.

x.

Witnesses;

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UNITED STATES PATENT OFFICE.

EDWARD LEVERICH, OF NEW YORK, N. Y.

IMPROVEMENT IN FASTENERS FOR THE MEETING-RAILS OF SASHES.

Specification forming part of Letters Patent No. **193,124**, dated July 17, 1877; application filed December 11, 1876.

To all whom it may concern:

Be it known that I, EDWARD LEVERICH, of the city, county, and State of New York, have invented a new and useful Improvement in Window-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming a part of this specification, in which—

Figure 1 is a vertical section, showing the relative position of the several parts. Fig. 2 is a sectional view of the recessed stop, and Fig. 3 a front view of the same.

Similar letters of reference indicate corresponding parts in the several figures.

The object of my invention is to provide a window-fastener that is simple in construction, conveniently applied, and prevents rattling; and it consists in details of construction, and a novel arrangement of parts, which will be first fully described, and subsequently pointed out in the claim.

In the drawing, A represents the upper frame or sash of a window, and B the lower one. C is a recessed stop set into the frame A, and secured by small screws passing through the face-plate, as shown in Fig. 1. D is the fastener, composed of two plates, a' a'', hinged together at d. The plate a' is attached to the top of the frame B, and supports the hinged plate a'', which is provided with a button, s, to facilitate its removal from the stop. This button enters the aperture o in the plate a' when the fastener is disengaged, and allows the parts to close together. The stop C is constructed with a recess, h, to accommodate the fastener, and may be cast complete, and consequently cheaply produced. E is a metal block, constructed to slide within the recess h, and is provided with a slot, m, to receive the pin e, which limits its vertical movement, and also retains it in its proper position. F is a rubber spring, fitted within the recess h above the block E. A spiral spring or other elastic substance may be substituted for this purpose.

When the window is closed the plate a'' is placed in the recess h, with its end bearing upon the beveled face of the yielding block E, which takes up all lost motion, and prevents the consequent rattling of the sashes.

It will be seen that any attempt to lower the upper frame of the sash, or to raise the lower one when the fastener is engaged, tends to crowd the plate a'' upward, and as the block E and spring yield, the plate enters the recess behind the downwardly-projecting front of the stop, and thus renders it impossible to disengage the fastener by either movement of the sashes.

When it is desired to retain the window partly open, additional stops may be placed at various places upon the frame, as shown, for example, at K, Fig. 1.

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

The hinged fastener D, in combination with the stop C, constructed with the recess h, and provided with the yielding block E and spring F, substantially as shown and described, for the purpose specified.

EDWARD LEVERICH.

Witnesses:

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