(No Model.)

I. A. SHAW.

SASH HOLDER.

No. 487,131. Patented Nov. 29, 1892.

Fig. 1.

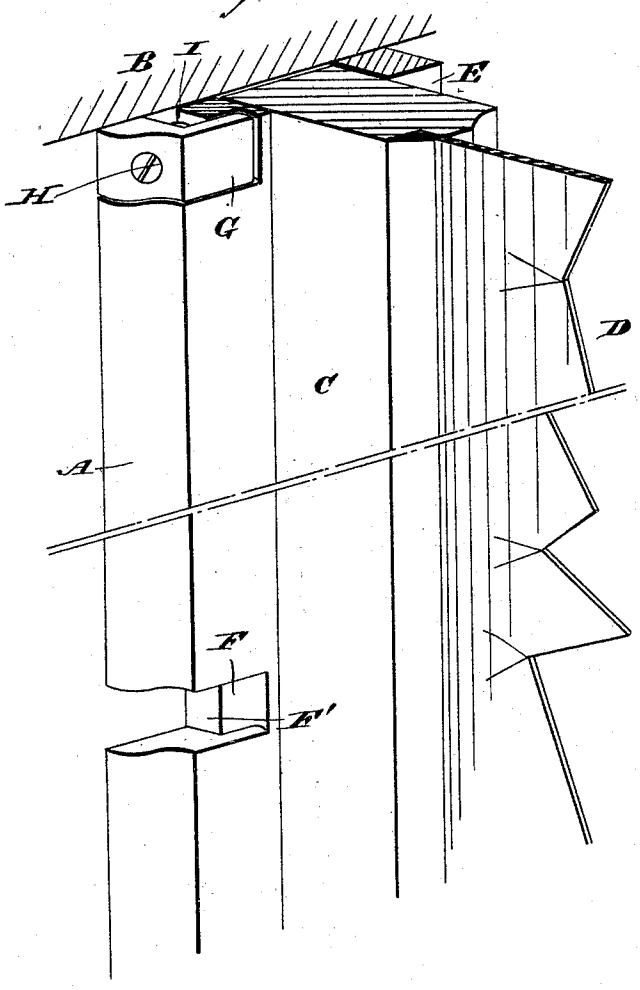
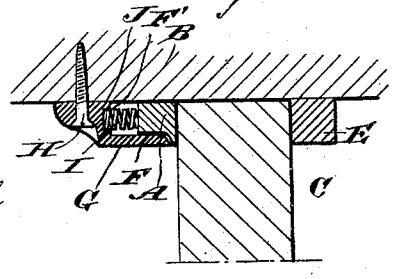


Fig. 2.



WITNESSES:

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IRVIN A. SHAW, OF KINSLEY, KANSAS, ASSIGNOR TO HIMSELF AND HENRY F. BEST, OF SAME PLACE.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 487,131, dated November 29, 1892.

Application filed April 19, 1892. Serial No. 429,726. (No model.)

To all whom it may concern:

Be it known that I, IRVIN A. SHAW, of Kinsley, in the county of Edwards and State of Kansas, have invented a new and Improved Stop-Bead, of which the following is a full, clear, and exact description.

The invention relates to improvements in the construction of windows and doors, and its object is to provide a new and improved stop-bead which is simple and durable in construction, very effective in operation, and arranged to combine a guide and a guard for the window and door.

The invention consists of a stop-bead mounted to slide transversely in specially-constructed bearings secured on the window-frame and springs concealed in the said bearings and pressing the said bead to hold the latter in contact with the side rail of the window-sash or door.

The invention also consists of certain parts and details and combinations of the same, as will be hereinafter described, and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a sectional perspective view of the improvement as applied to a window, and Fig. 2 is a sectional plan view of the same.

The improved stop-bead is formed with a bead proper A, resting with its side on the window-frame B and pressing with its inner edge against the side rail C of the window D or the door, according to the application of the device. When the device is applied to a lower window-sash, then the bead A presses on the side rail C of the window-sash from the inside, so as to press the rail in contact with the middle strip E, fixed in the usual manner to the window-casing. For the upper sash the bead A is arranged on the outside and presses against the outside of the side rail C of the upper window-sash to press the window-rail inward in contact with the division-strip E.

In the bead A are formed recesses or notches F, placed suitable distances apart, and each is engaged by a keeper G, preferably made of metal and secured by a screw H or other means to the window-casing B. As shown in Figs. 1 and 2, each keeper G is made L-shaped and supports a spiral spring I, extending transversely and pressing with its outer end on a shoulder F′ in the recess or notch F of the bead A. The inner end of the said spring I rests in a seat J, formed in the keeper G, as will be readily understood by reference to Fig. 2. It will be seen that the bead A has its outer edge molded to any desired shape or form, so as to ornament the window-casing in the usual manner, the bead, however, being cut out to form the recesses F at suitable distances apart for the admission of the keepers G, which are of a similar contour to the bead A, as will be readily understood by reference to Fig. 1, at the same time the said keepers concealing and supporting the springs I for pressing the bead in contact with the side rail of the window or door. Thus the springs I are not visible at all from the outside, and as the keepers G conform to the general contour of the bead the same will be hardly noticed, and thus does not form an unsightly and objectionable feature of the window-casing. It will be seen that the bead A not only forms a guide for the side rail of the window and door, but it also forms a guard for the same, as the springs hold the said bead firmly in contact with the side rail, thus preventing cold air or other matter from passing from the outside of the window to the inside of the room. At the same time the spring-pressed bead holds the window-sash in the desired position.

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

1. A stop-bead comprising a bead proper mounted to slide transversely and formed with recesses, a keeper secured to the window-casing and fitting into the said recesses of the bead, and springs concealed and supported in the said keepers and extending transversely to press on the bead, substantially as shown and described.

2. In a device of the class described, the combination, with a bead formed with recesses, each formed with a shoulder, of keepers adapted to be secured to the window-cas-

ing and fitting into the said recesses, the said keepers conforming to the shape of the said bead and each provided with a seat located opposite the shoulder on the corresponding recess, and a spiral spring held within the said keeper and supported at one end in the seat thereof, the other end of the spring compressed against the shoulder in the corresponding recess, substantially as shown and described.

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Witnesses:
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