(Model.)

E. A. JOHNSON.

WINDOW BEAD FASTENER.

No. 313,674. Patented Mar. 10, 1885.

Fig. 1.

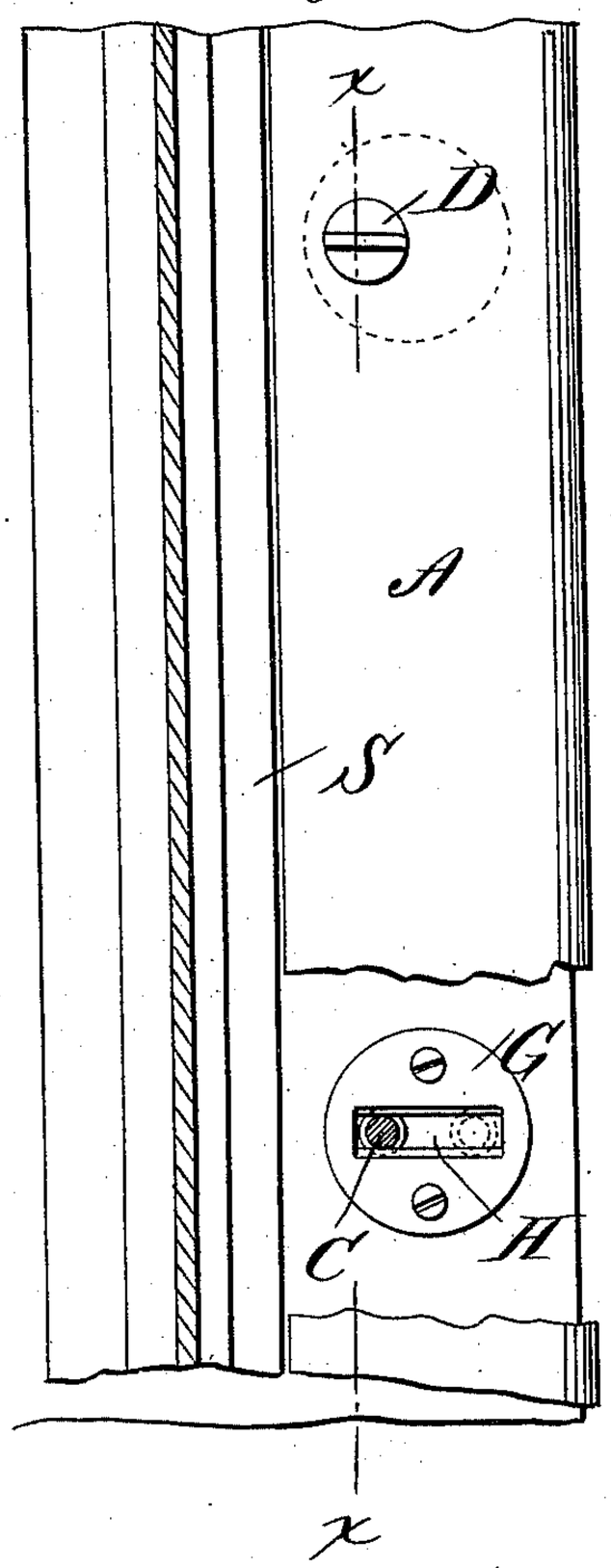


Fig. 2.

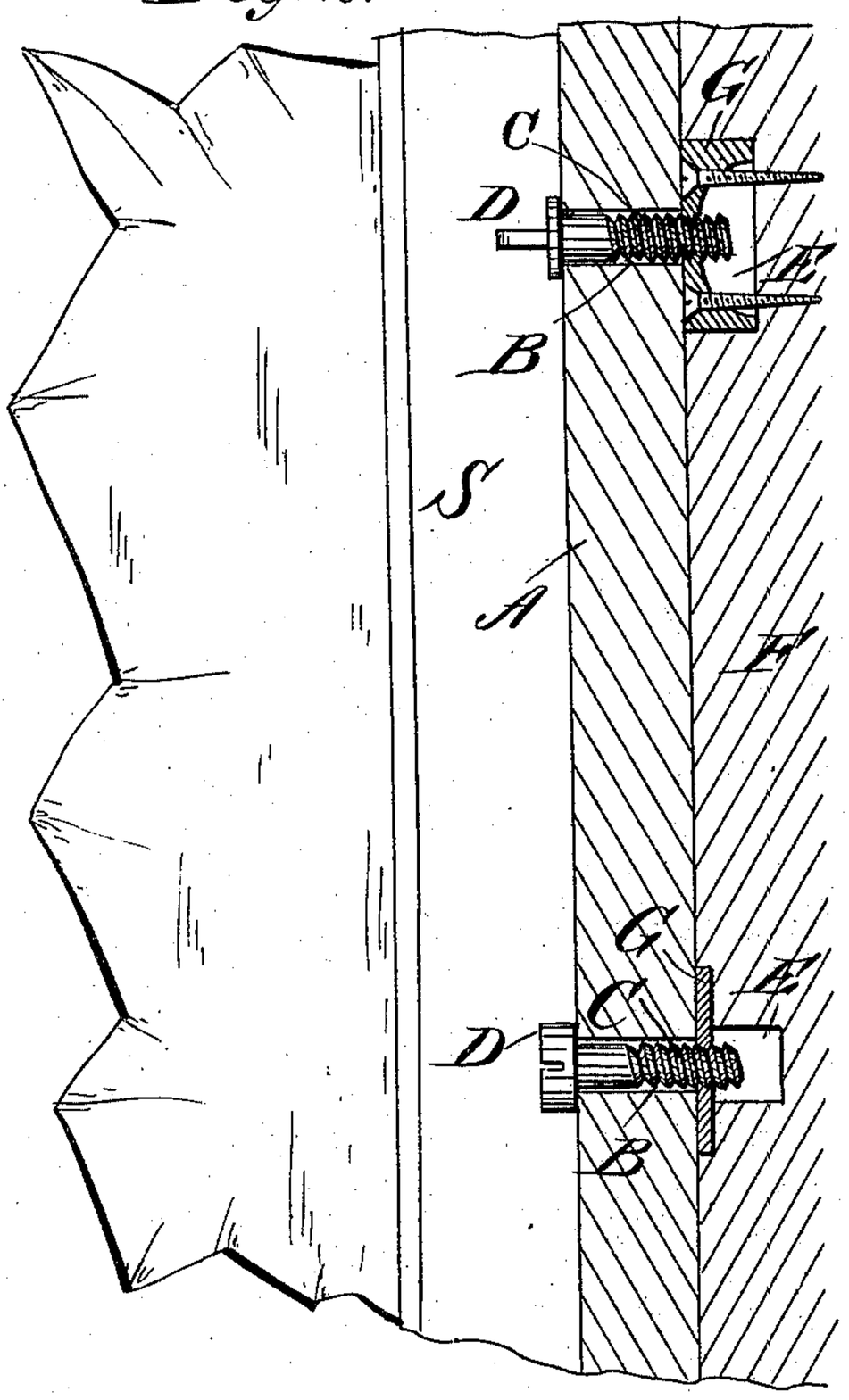
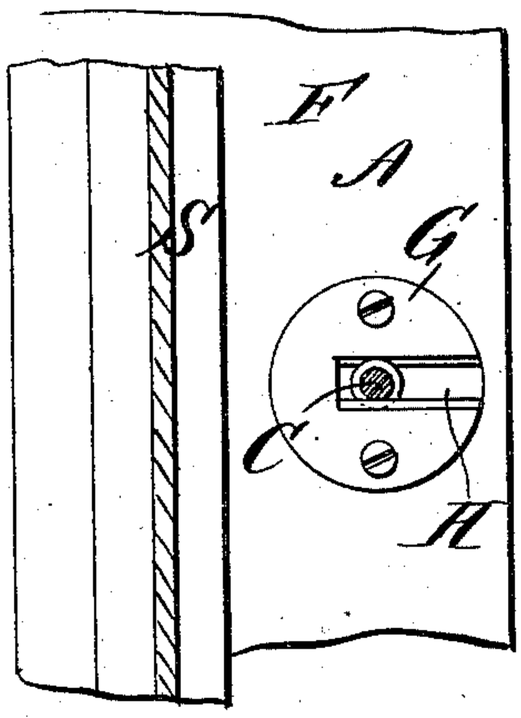


Fig. 3.



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UNITED STATES PATENT OFFICE.

EDWIN A. JOHNSON, OF ALLEGHENY CITY, PENNSYLVANIA.

WINDOW-BEAD FASTENER.

SPECIFICATION forming part of Letters Patent No. 313,674, dated March 10, 1885.

Application filed August 13, 1884. (Model.)

To all whom it may concern:

Be it known that I, EDWIN A. JOHNSON, of Allegheny City, in the county of Allegheny and State of Pennsylvania, have invented a new and Improved Window-Bead Fastener, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved window-bead fastener by means of which the bead can be fastened or unfastened and adjusted easily and rapidly.

The invention consists in the combination, with screws held to turn in the stop-bead, of plates held in the window-frame and provided with slots, the edges of which are adapted to engage with the threads of the screws.

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

Figure 1 is a face view of a bead fastened by means of my improved fastener, parts of the bead being broken out. Fig. 2 is a longitudinal sectional elevation on the line *x x*, Fig. 1. Fig. 3 shows a modified construction of the fastener.

The bead A, of the usual shape and construction, is provided with transverse apertures B, through which screws C are passed to turn freely, the said screws being provided with heads D, which rest against the outer surface of the bead. The heads may be slitted or provided with a ridge for turning them, or with any other analogous device. The threaded ends of the screws project from the inner surface of the bead a short distance. Apertures or recesses E are produced in that side or part of the casing F against which the inner surface of the bead rests, and in the said recesses disks or plates G are secured, which are each provided with a slot, H, extending to near the edges of the disks at opposite points, or from the edge toward the sash to a short distance from the edge at a point diametrically opposite. The edges of the slots are screw-threaded or beveled from both surfaces, so as to adjust them to engage with the threads of the screws, which must be quite coarse. The width of the slots H must correspond with the thickness of the screws at the bottom of the threads. The outer surface of the plates or disks G is flush with the outer surface of the casing, and the disks or plates are secured in place by means of brads or screws.

To fasten the bead, it is placed against the casing and the screws C are turned to pass through the slots H, on the edges of which they catch, thus pressing the bead against the casing.

As the disks G are provided with the slots H, in which the screws C may slide when loosened, the bead can be fastened at a greater or less distance from the sash S, and can be adjusted, to prevent rattling or binding of the sash, by a slight movement of the screws without turning them out from the slots.

I am aware that a window-bead has been adjustably secured to the window-frame by means of a disk secured over a recess in the window-frame and having a key-hole slot, within which the headed end of a screw passed. A thumb-nut was provided on the outer threaded end of the screw to clamp the bead to the window-frame.

I am also aware that a window-bead has been provided with a depressed cap or bush having a slot through which a screw was passed into an internally and externally threaded bushing in the window-frame; and I do not claim such constructions as of my invention. I am not aware, however, that a window-frame has been provided with a disk having a slot the edges of which were adapted to engage the threaded end of the screw.

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

A window-bead fastener consisting of the screw D, passed through the bead A, and the slotted plate G, secured to the frame behind the bead and having the edges of the slot formed as described, whereby the screw may be allowed a longitudinal movement in the slot to adjust the bead toward or from the sash, and the edges of the slotted plate serve as a nut, thereby combining the functions of the well-known key-hole slotted plate and screw having removable nut, substantially as set forth.

EDWIN A. JOHNSON.

Witnesses:
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