

(No Model.)

E. JAUSS.
SASH FASTENER.

No. 566,184.

Patented Aug. 18, 1896.

Fig. 1. A

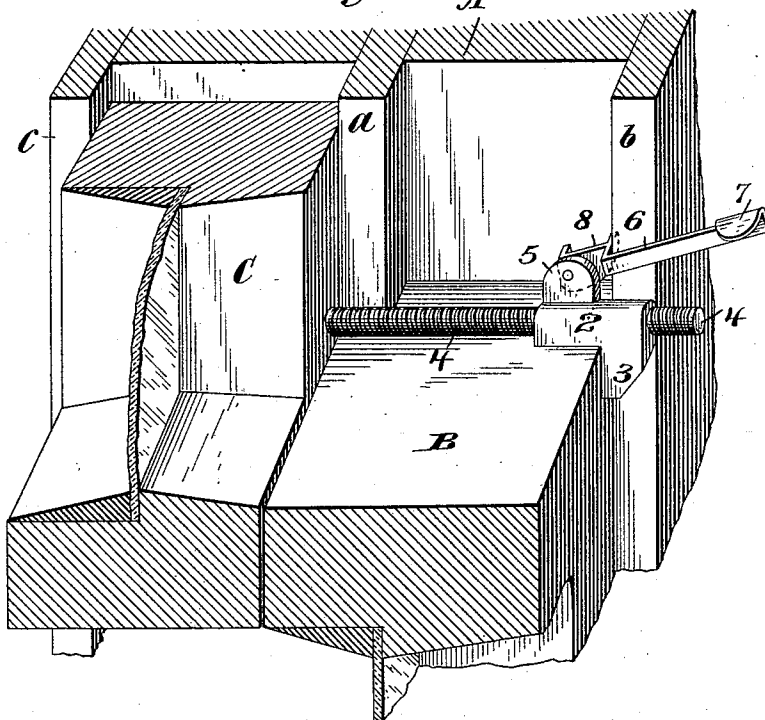


Fig. 2.

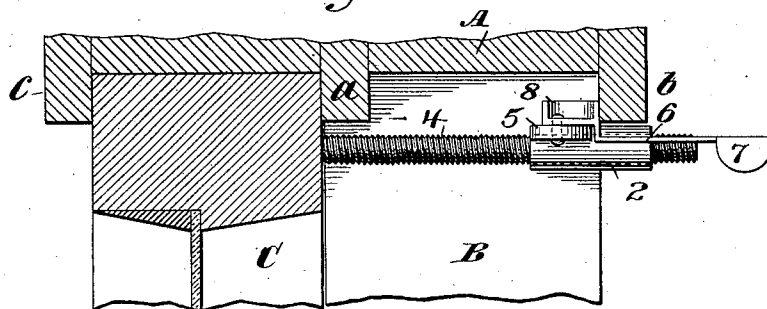
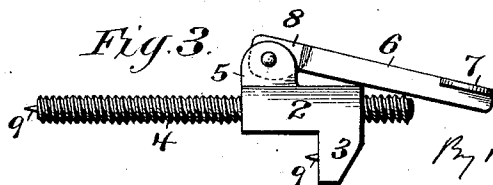


Fig. 3.



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SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 566,184, dated August 18, 1896.

Application filed November 18, 1895. Serial No. 569,252. (No model.)

To all whom it may concern:

Be it known that I, EUGENE JAUSS, a citizen of the United States, residing at New York, county of New York, and State of New York, have invented certain new and useful Improvements in Window-Fasteners, fully described and represented in the following specification and the accompanying drawings, forming a part of the same.

This invention relates to improvements in fasteners used with windows for the purpose of preventing rattling of the sash or sashes, or for the purpose of locking the sash or sashes when closed or open, it being the object of the present invention to provide a portable or removable fastener for this purpose of simple construction, the two members of which for engaging the two sashes will have such a wide range of adjustability as to adapt the fastener for use with windows the sashes whereof vary widely in thickness or separation.

As a full understanding of the invention can best be given by an illustration and a detailed construction of an organization embodying the same, such description will now be given in connection with the accompanying drawings, in which—

Figure 1 represents by a perspective view a window-frame having two sashes provided with a fastener embodying the improvements constituting the present invention. Fig. 2 is a horizontal section of the same. Fig. 3 is a detail of the fastener, illustrating a modification which will be hereinafter referred to.

Referring to said drawings, A represents the window-frame proper; B, the lower or inner sash; C, the upper or outer sash; a, the separating guide or strip; b, the inner guide, and c the outer guide.

The construction of window-frame thus briefly described, having two sashes, is selected in illustrating the present invention merely for convenience.

The fastener illustrated in the drawings, which embodies the present invention in its preferred form, consists of a sleeve 2, the under surface whereof is squared off, so as to form a secure seat for the sleeve upon the upper edge of the inner or lower sash B, as shown in Fig. 1. The sleeve 2 is provided on its under side with a downward projection 3,

forming a bearing for the inner face of the lower or inner window-sash B. The bearing-face of the projection 3 is squared off, as shown, so as to lie at right angles to the under face of said sleeve. The sleeve 2 is interiorly screw-threaded, so as to receive a correspondingly-threaded rod 4, the outer end whereof provides the bearing for the inner face of the upper or outer sash C, as shown in Fig. 2, a screw-threaded connection between the sleeve and rod 4 being employed for the purpose of permitting the two to be adjusted relatively to each other to fit sashes varying in thickness and separation. Sleeve 2 is further provided with an upwardly-projecting ear 5, to which is fulcrumed a lever 6, having a thumb-piece 7 at its free end and provided with a cam 8, which, when the fastener is placed in operative position, as shown in Figs. 1 and 2, will lie within the plane of the guide b, so as to engage the face of the guide when the lever 6 is depressed and move the two members of the fastener outwardly and through them the sashes B C into binding contact with the guides a c, respectively.

The manner of using the fastener and its operation thus described are as follows: The two members of the fastener, that is, the sleeve 2 and the rod 4, are first adjusted relatively to each other so that the bearing end of the rod 4 and the bearing-face of the projection 3 will be separated a distance equal to the separation of the inner faces of the sashes B C. The fastener is then laid upon the upper edge of the inner sash B, as shown in Figs. 1 and 2, with the cam 8 (the lever 6 being elevated) in line with the side face of the guide b. When the fastener is in this position, the lever 6 is depressed, when the cam 8, engaging the guide b, will move the two bearing members 3 4 outwardly, and through them, as before stated, move the sashes B C into contact with the guides a c, respectively, any tendency of the sashes to rattle being thus prevented.

Ordinarily a fastener constructed as illustrated in Figs. 1 and 2 may be depended upon to perform not merely the function of preventing rattling of the sashes, but also that of locking them, but it may sometimes happen that the grip of the two bearing-surfaces may not be positive enough to prevent movement

of the sashes by hand up and down. In such case the construction illustrated in Fig. 3 may be employed, if desired, which is exactly the same as that illustrated in the preceding 5 figures, with the exception that the bearing-surfaces of the projection 3 and rod 4 are provided with teeth 9, which are embedded in the woodwork of the sash or any suitable openings especially provided for their reception.

10 A fastener is thus provided of simple construction, of small size, so as to be easily carried, and of wide range of adjustment, so that it may readily be fitted to windows with sashes varying widely in thickness or separation. 15

What is claimed is—

1. A window-fastener consisting of two members provided with bearings for engaging the inner and outer sashes and a cam carried 20 by one member for engaging a stationary part of the window-frame and moving the two members of the fastener into engagement with the sashes, substantially as described.

2. A window-fastener consisting of two 25 members having a screw-threaded connection with each other for adjustment and provided with bearings for engaging the inner and outer sashes and a cam carried by one member for engaging a stationary part of the 30 window-frame and moving the two members of the fastener into engagement with the sashes, substantially as described.

3. A window-fastener consisting of two 35 members adjustably connected together and provided with bearings for engaging the inner and outer sashes, and means carried by one

member for engaging a stationary part of the window-frame and moving the two members of the fastener into engagement with the sashes, substantially as described. 40

4. A window-fastener consisting of two members provided with bearings for engaging the inner and outer sashes and means carried by one member for engaging a stationary 45 part of the window-frame and moving the two members of the fastener into engagement with the sashes, substantially as described.

5. A window-fastener consisting of two members having a screw-threaded connection with each other for adjustment and provided 50 with bearings for engaging the inner and outer sashes, and means carried by one member for engaging a stationary part of the window-frame and moving the two members of the fastener into engagement with the 55 sashes, substantially as described.

6. A window-fastener consisting of two members adjustably connected together and provided with bearings for engaging the inner and outer sashes, and a cam carried by one 60 member for engaging a stationary part of the window-frame and moving the two members of the fastener into engagement with the sashes, substantially as described.

In testimony whereof I have hereunto set 65 my hand in the presence of two subscribing witnesses.

EUGENE JAUSS.

Witnesses:

J. J. KENNEDY,
A. L. KENT.