

(No Model.)

J. W. KLAPPERICH.

FASTENER FOR THE MEETING RAILS OF SASHES.

No. 472,364.

Patented Apr. 5, 1892

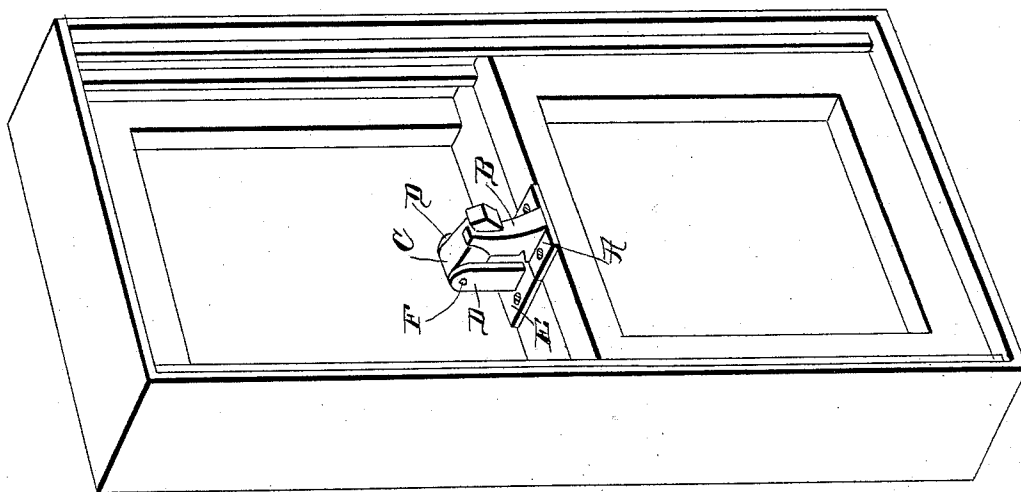
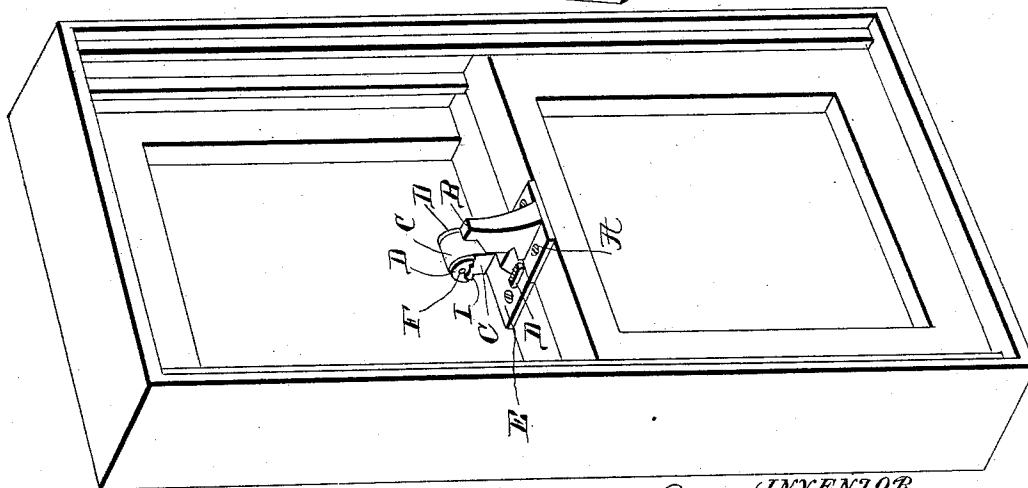
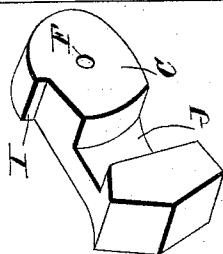


Fig. 2.

Fig. 3.



WITNESSES

F. L. Ourand
Thomas E. Turpin

Fig. 1.

INVENTOR

J. W. Klapperich,
By W. S. Fitzgerald & Co.
Attorneys.

UNITED STATES PATENT OFFICE.

JOHN W. KLAPPERICH, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO
J. H. THOMAS, OF SAME PLACE.

FASTENER FOR THE MEETING-RAILS OF SASHES.

SPECIFICATION forming part of Letters Patent No. 472,364, dated April 5, 1892.

Application filed May 13, 1891. Serial No. 392,641. (No model.)

To all whom it may concern:

Be it known that I, JOHN W. KLAPPERICH, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Sash-Locks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain novel features involved in the construction of sash-locks, the details of which will be fully described in the following specification and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view showing my sash-lock in an unlocked condition, with one of the standards partly broken away. Fig. 2 is a similar view showing my improved lock in a locked condition, while Fig. 3 is a detail of the pawl or locking-cam.

Briefly stated, my invention consists in so mounting a cam upon one sash that its lower end will reach across to the other sash and lock the same.

Referring in detail to the various features of my sash-lock, A indicates a base-plate, having erected thereon near its middle the standard B, though these parts may be cast or formed integral. The said base-plate is to be mounted upon the meeting-rail of the lower sash, while upon the upper surface of the meeting-rail of the upper sash is mounted the pivoted cam C, above referred to. Said cam is mounted between the standards D D, which are erected upon the base E, as shown in Figs. 1 and 2. A rod F reaches from the upper end of each of the standards and the upper end of the cam is pivoted thereon. I prefer to so construct this cam that its lower end will be wider than its upper part, so that said lower end will automatically reach across to the other sash and secure the same without the same being so manipulated by the operator. The upper end of the cam is preferably provided with the handle I, that the same may be more easily controlled and operated. Near the lower end of the cam I provide the transverse notch or groove J, and

this groove or notch is adapted to snugly receive the upper end of the standard B when the cam is thrown upward and inward, as shown in the locked position above referred to. The upper end of the standard B and the contacting end of the groove referred to are so constructed that said groove will readily receive said standard, and when the cam is pressed downward thereon will effectively lock the window against rattling.

In operation when the cam is swung downward the window is always in a locked position, as the broadened end of the said cam will reach across to the other sash and secure the same. When it is desired to lock the sash against being rattled by the wind, the free end of the cam is brought upward and inward and turned against the standard B, when said standard will enter the groove above referred to, and the sash will be securely locked together.

Believing that the construction and advantages of my invention will be readily apparent from the foregoing description, I will dispense with further description.

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

The window-lock herein described and shown, consisting of the cam C, with its upper end pivoted between the standards D D and having its free broadened end provided on one side with the transverse groove J and having its inner edge extended to reach across to the meeting-rail of the other sash when said cam is in a vertical position, the base-plate E, having the standards D D erected thereon, and the base-plate A, carrying the vertical standard B, adapted and shaped at its upper end, substantially as shown, to fit into the groove J, provided in the cam when the same shall be thrown upward and inward in a locked position, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN W. KLAPPERICH.

Witnesses:

O. W. BOND,
FRANK W. ROBINSON.