

W. H. JONES.

Fastenings for the Meeting Rails of Sashes.

No. 147,137.

Patented Feb. 3, 1874.

fig. 1.

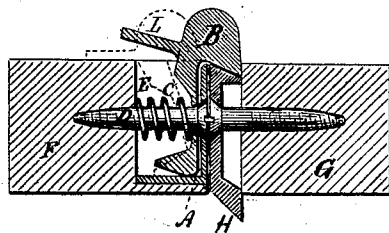


fig. 3.

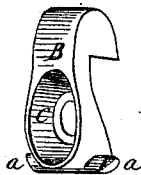


fig. 2.

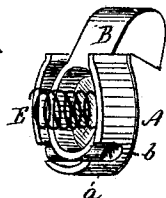
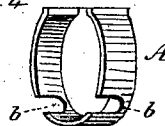


fig. 4.



Witnesses.

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WILLIAM H. JONES, OF NORTH MANCHESTER, CONNECTICUT.

IMPROVEMENT IN FASTENINGS FOR THE MEETING RAILS OF SASHES.

Specification forming part of Letters Patent No. 147,137, dated February 3, 1874; application filed December 17, 1873.

To all whom it may concern:

Be it known that I, WILLIAM H. JONES, of North Manchester, in the county of Hartford and State of Connecticut, have invented a new Improvement in Sash-Fasteners; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a transverse section through the meeting rails of a pair of sashes, and showing a vertical central section of the fastener; Fig. 2, a perspective view of the fastener detached; and in Figs. 3 and 4, detached parts.

This invention relates to an improvement in fasteners for the meeting rails of window-sashes, but applicable to other purposes; and it consists, principally, in a flush socket, constructed to receive the catch, which is formed with trunnions, to set into seats in the socket, the nose of the catch projecting from the socket, and provided with a spring to make the action of the catch automatic.

A is the socket, within which the catch B is set, the catch formed with trunnions *a*, and the socket with corresponding seats *b*, so that when the catch is set in place, as in Fig. 2, the catch may be moved back and forth, turning upon its trunnions; the nose projects so as to set over the outside or face of the socket, as seen in Figs. 1 and 2. The catch is secured at C, as seen in Figs. 1 and 3, and centrally through this recess and the face of the socket a perforation is made to receive a screw, D, and into the recess a spring, E, is placed, preferably so that the screw will pass through it, as seen in

Fig. 1. A recess is cut in one of the rails F to receive the socket and its parts, and the screw D, driven in, secures all the parts to that rail, as seen in Fig. 1, the nose of the catch projecting beyond the face of the rail over the other rail G. Onto this rail G the keeper H is fixed. This is beveled upon its lower edge, so as to allow the nose of the catch to pass easily over it. The under side of the nose is hooked, and the keeper correspondingly shaped, in order that the hook may tend to draw the two rails together.

To open the sashes, press back the catch until it will escape from the keeper, as denoted in broken lines, Fig. 1. An arm or plate, L, may be formed upon the back of the catch, which will both cover the opening through the socket and serve as a finger-piece for opening the catch.

While I have shown and described this invention as applied to sash-rails for a fastener, it may be used in other positions for analogous purposes.

I claim as my invention—

1. The catch B, constructed with trunnions *a*, and the socket A, with corresponding seats *b*, combined with a spring, E, substantially as described.

2. In combination with the socket A, catch B, and spring E, the keeper H, when the nose of the catch and the edge of the keeper are formed substantially as described, to hook one over the other, as and for the purpose specified.

WM. H. JONES.

Witnesses:

MOSES SCOTT,
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