

(No Model.)

W. F. BAILEY.

SASH FASTENER.

No. 280,892.

Patented July 10, 1883.

Fig. 1

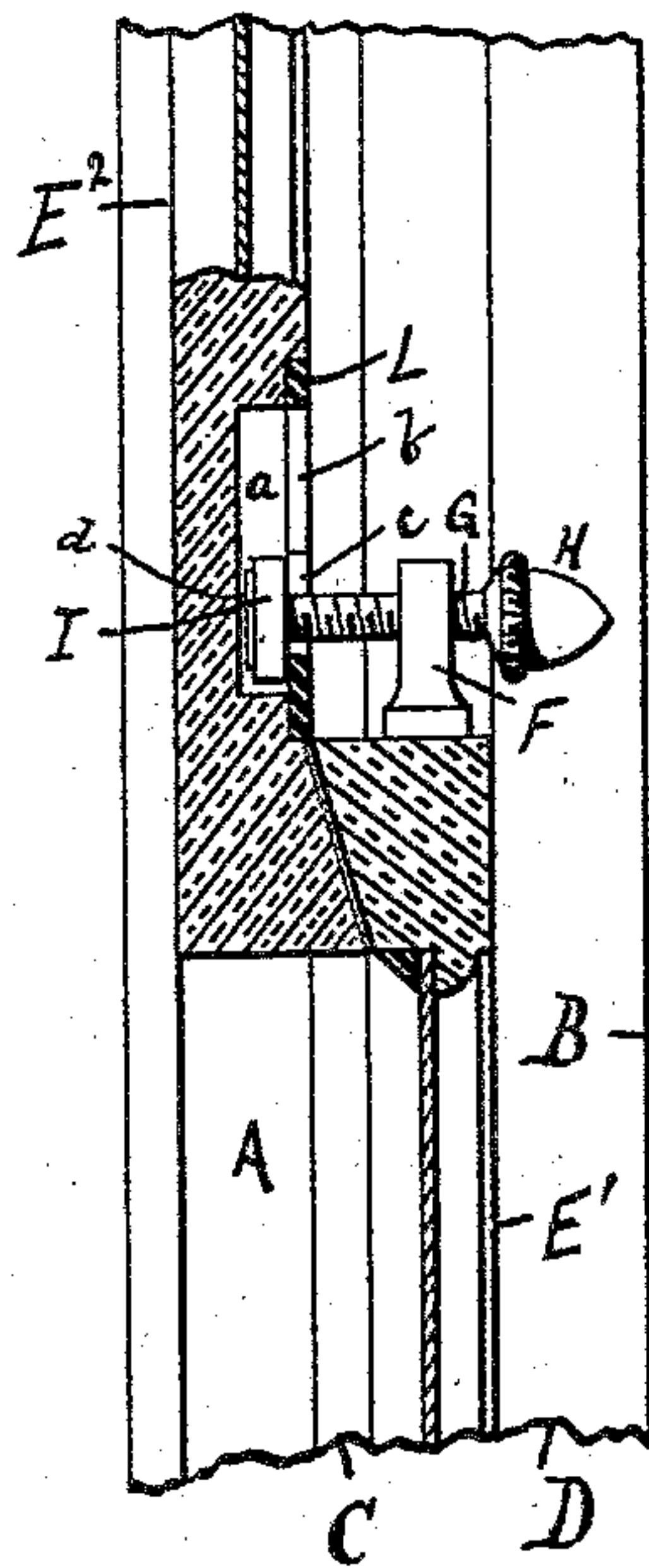


Fig. 2

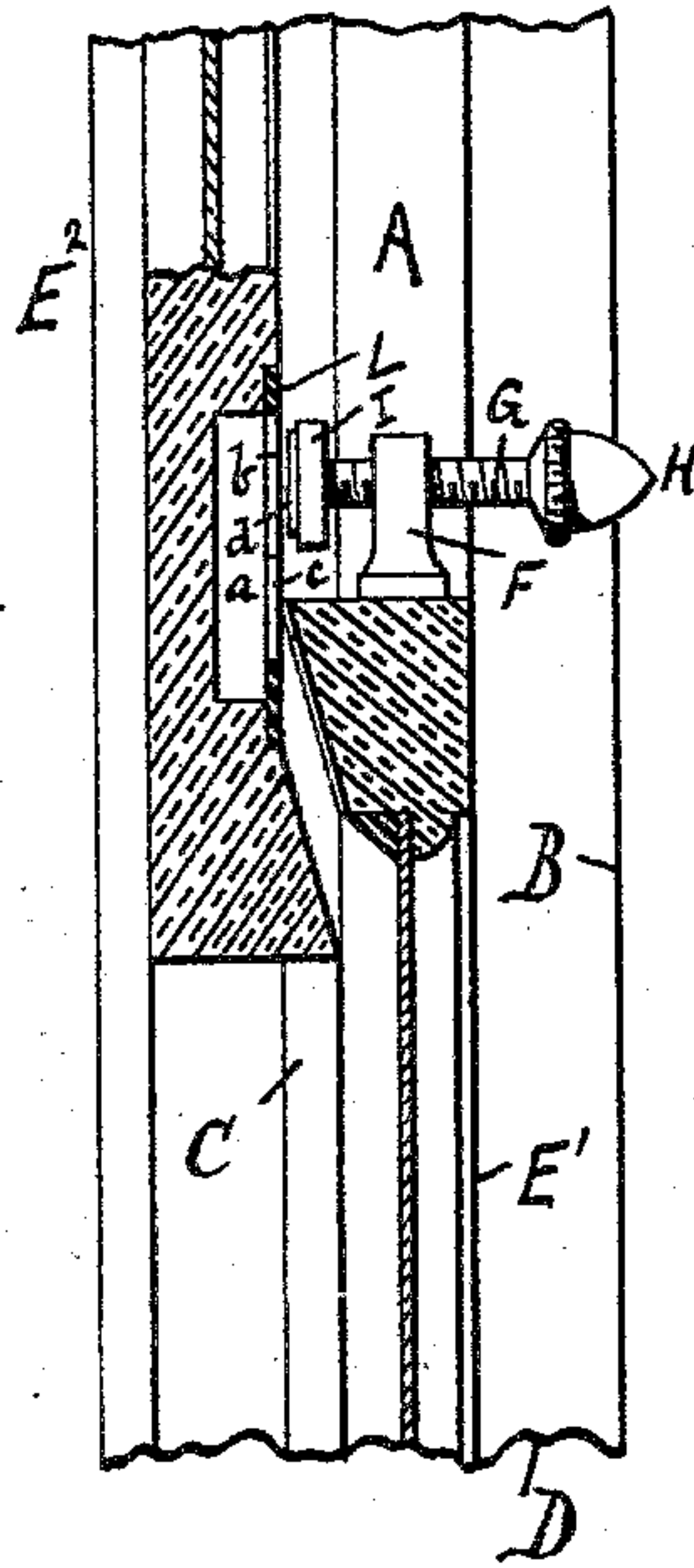


Fig. 4

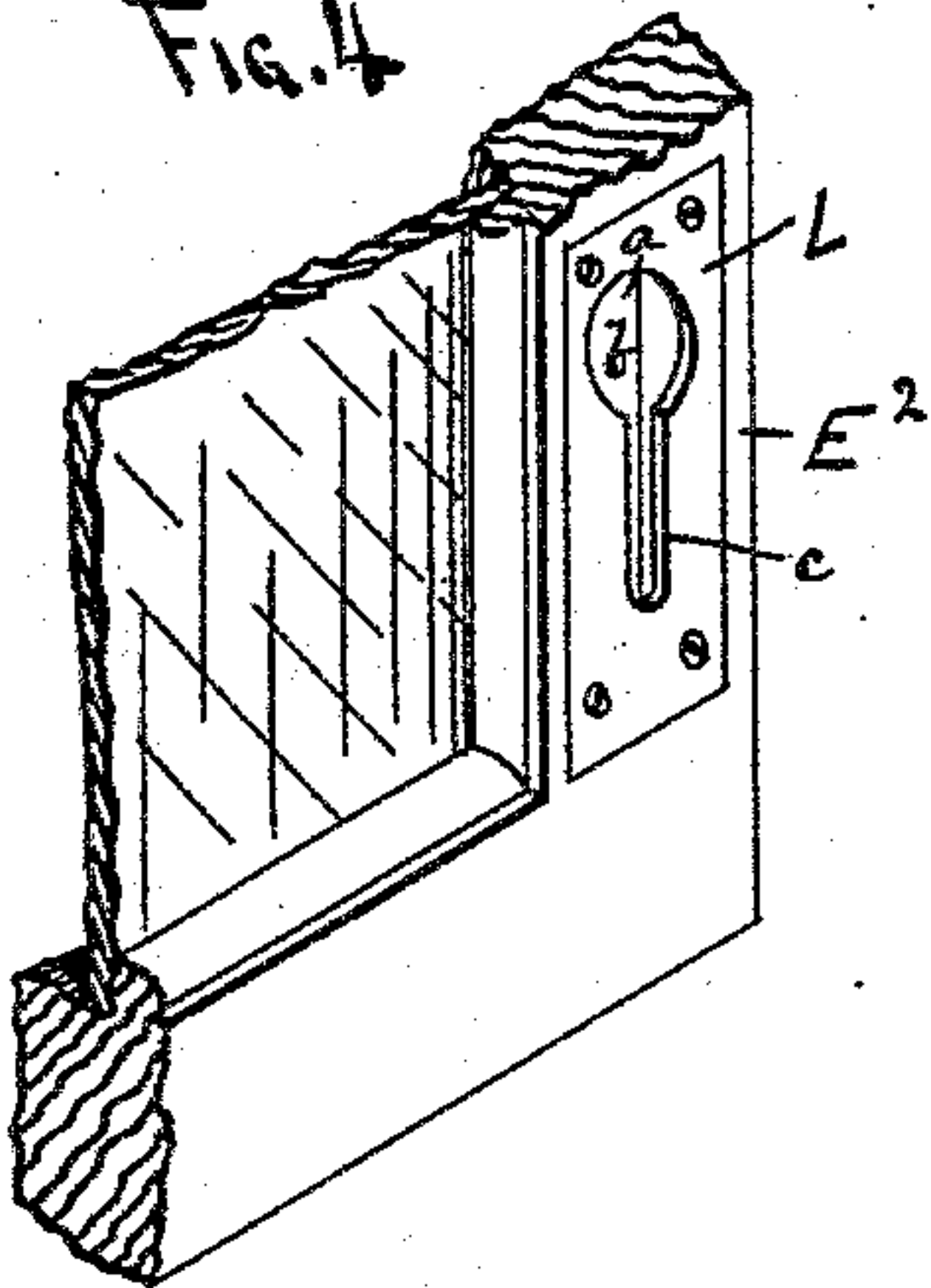
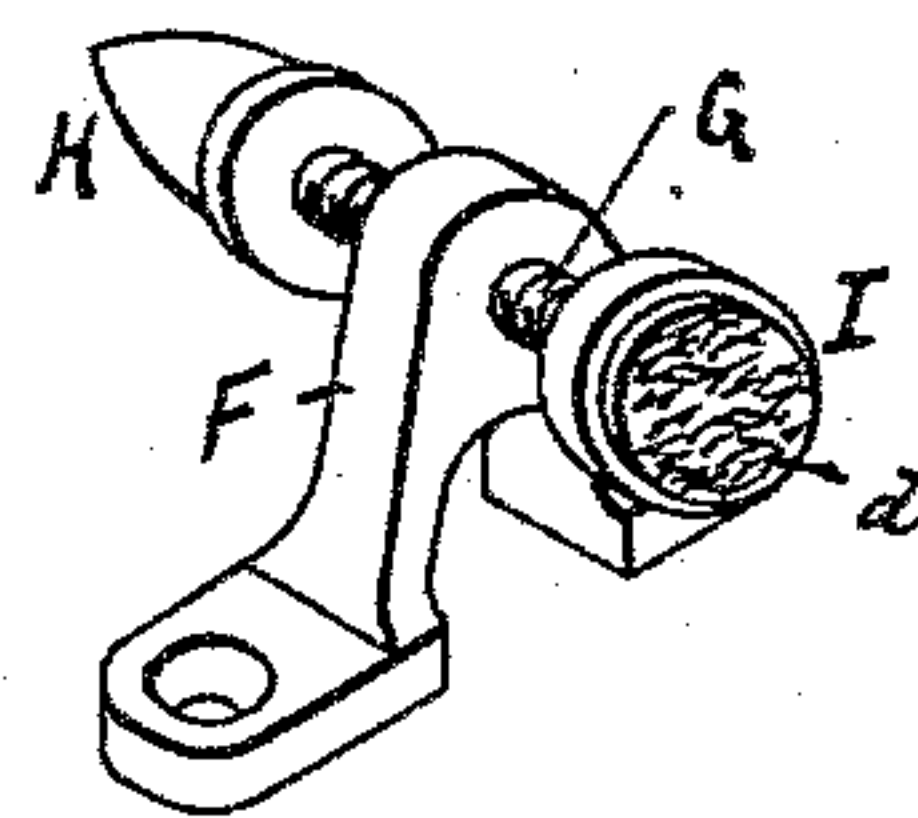


Fig. 3



WITNESSES
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UNITED STATES PATENT OFFICE.

WILLIAM F. BAILEY, OF ST. PAUL, MINNESOTA.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 280,892, dated July 10, 1883.

Application filed December 5, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM FLETCHER BAILEY, a citizen of the United States, and a resident of St. Paul, in the county of Ramsey, in the State of Minnesota, have invented certain new and useful Improvements in Window-Sash Fasteners, of which the following specification is a full, clear, and exact description, reference being also had to the accompanying drawings, in which—

Figure 1 is a longitudinal sectional view of portions of the upper and lower sash with their meeting-rails locked together. Fig. 2 is a similar view with the meeting-rails separated and unlocked. Fig. 3 is a perspective view of the locking-bolt detached. Fig. 4 is a perspective view of a portion of one of the lower corners of a sash, with the slotted locking-plate shown arranged therein.

This invention relates to window-sash fasteners; and it consists in the construction and the combination of parts hereinafter particularly described, and then sought to be specifically defined by the claim.

In the drawings, A is the window-frame, B the casing, C the parting-strips, D the stops, and E' E² the sash, all constructed in the ordinary manner.

Embedded in the lower part of the upper sash, E², is a metal plate, L, through the upper part of which a hole, b, is formed, and leading downward from this hole is a slot, c, as shown in Fig. 4. In the rear of the plate L a cavity, a, is formed in the wood of the sash the full width or wider than the hole b, and extending above the hole b and below the slot c.

Screwed or otherwise secured to the upper surface of the top rail of the lower sash, E', opposite the plate L, is a small bracket, F, through which a screw, G, is tapped. The outer end of this screw is provided with a thumb-nut, H, while the inner end is provided with a swivel head or disk, I. This head I is

just large enough to pass through the hole b in the plate L, while the shank of the screw G is just large enough to fit into the slot c in the same plate. By this arrangement, if the lower sash be raised or the upper sash be lowered a short distance until the head I is opposite the hole b, the head may be screwed into the cavity a below the plate G, and then when the two meeting-rails of the sash are brought together again, as shown in Fig. 1, the head I will pass down behind the plate L, and the shank of the screw G pass down into the slot c. Then by reversing the screw the head I may be drawn out against the inside of the plate L and the two sash firmly drawn and held together. This will close the joint between the meeting-rails and exclude all cold air, &c., and at the same time form a burglar-proof meeting-rail lock.

If desired, a vulcanite or other soft cushion, d, may be attached to the head I to protect the sash from abrasion should it be desired to use the screw G as an ordinary sash-fastener by screwing it against the opposite sash at other points than where the plate L occur.

Having described my invention and set forth its merits, what I claim is—

The sash E², provided with a cavity, a, and a plate, L, provided with a hole, b, and slot c, and adapted to be secured over said cavity, in combination with a sash, E', provided with a bracket, F, and a screw, G, tapped through said bracket, and provided with a head, I, adapted to pass through said hole b, substantially as and for the purpose specified.

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

WILLIAM FLETCHER BAILEY.

Witnesses:

C. N. WOODWARD,
LOUIS FEESER, Sr.