

No. 694,234.

Patented Feb. 25, 1902.

W. W. BATTLES.  
SASH FASTENER.

(Application filed July 3, 1901.)

(No Model.)

Fig. 1.

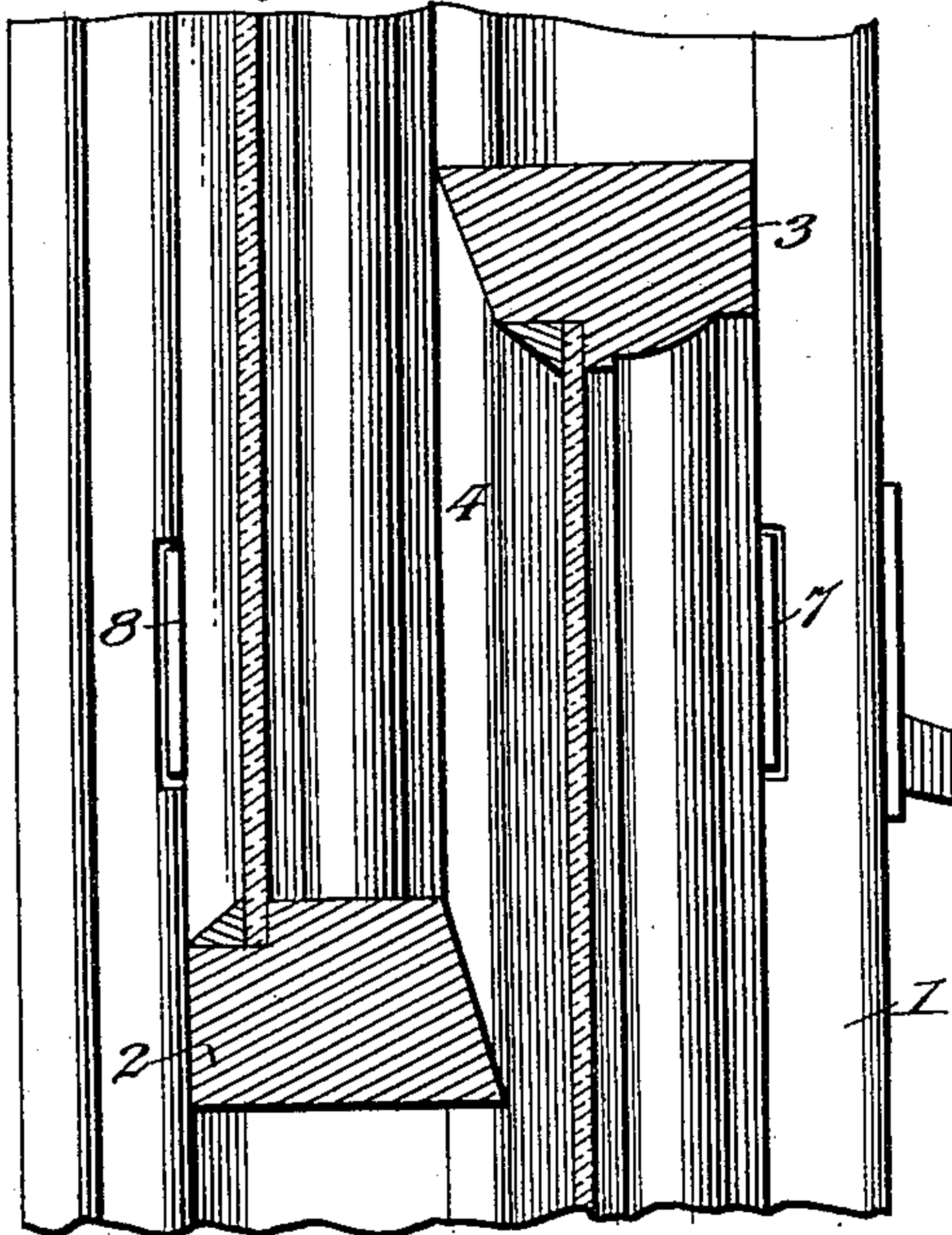


Fig. 3.

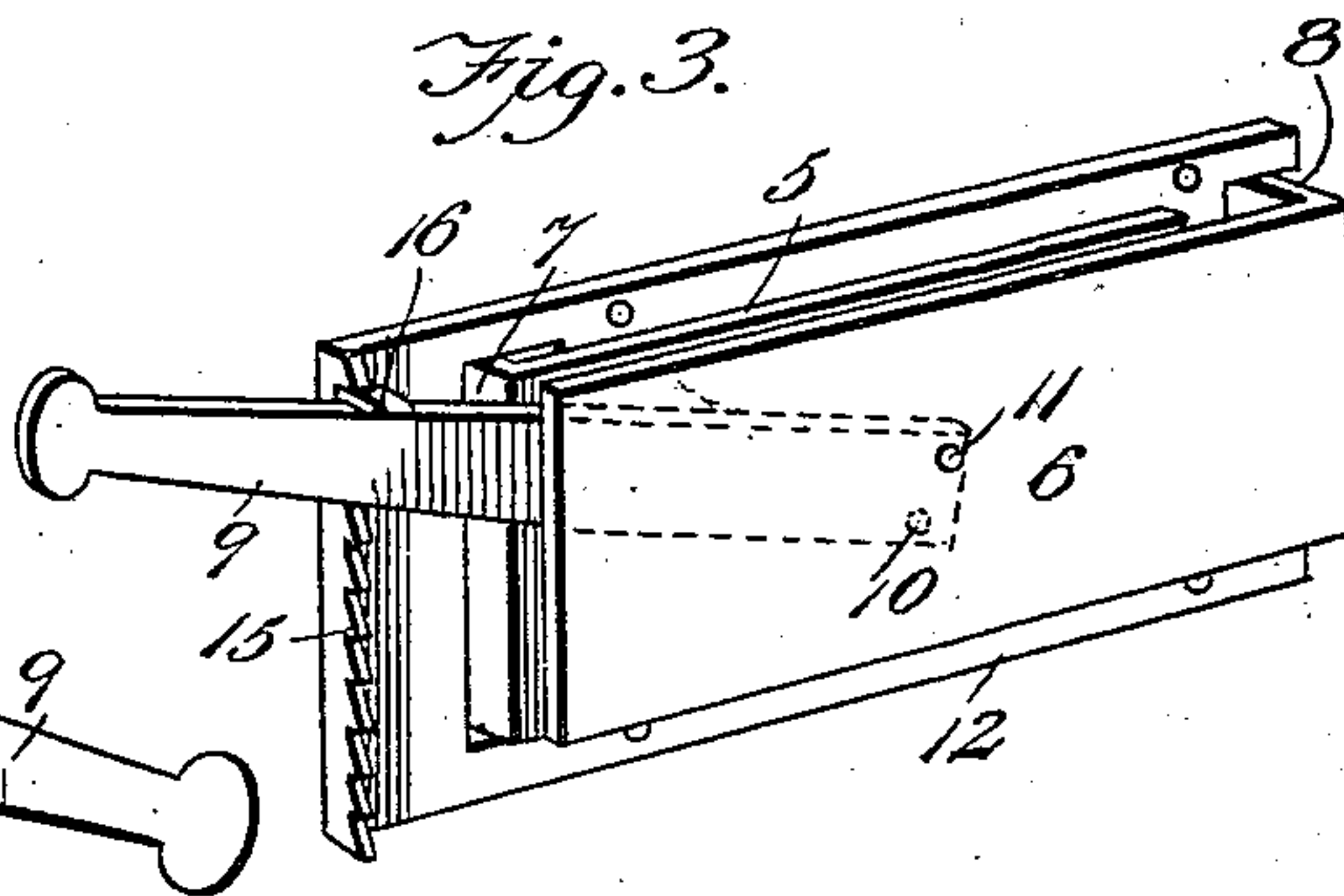


Fig. 4.

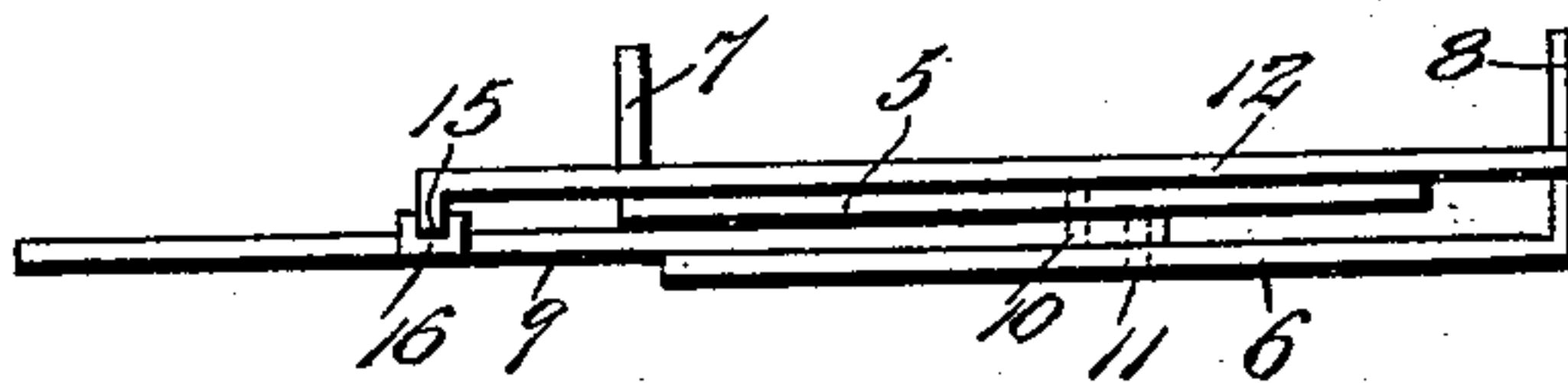
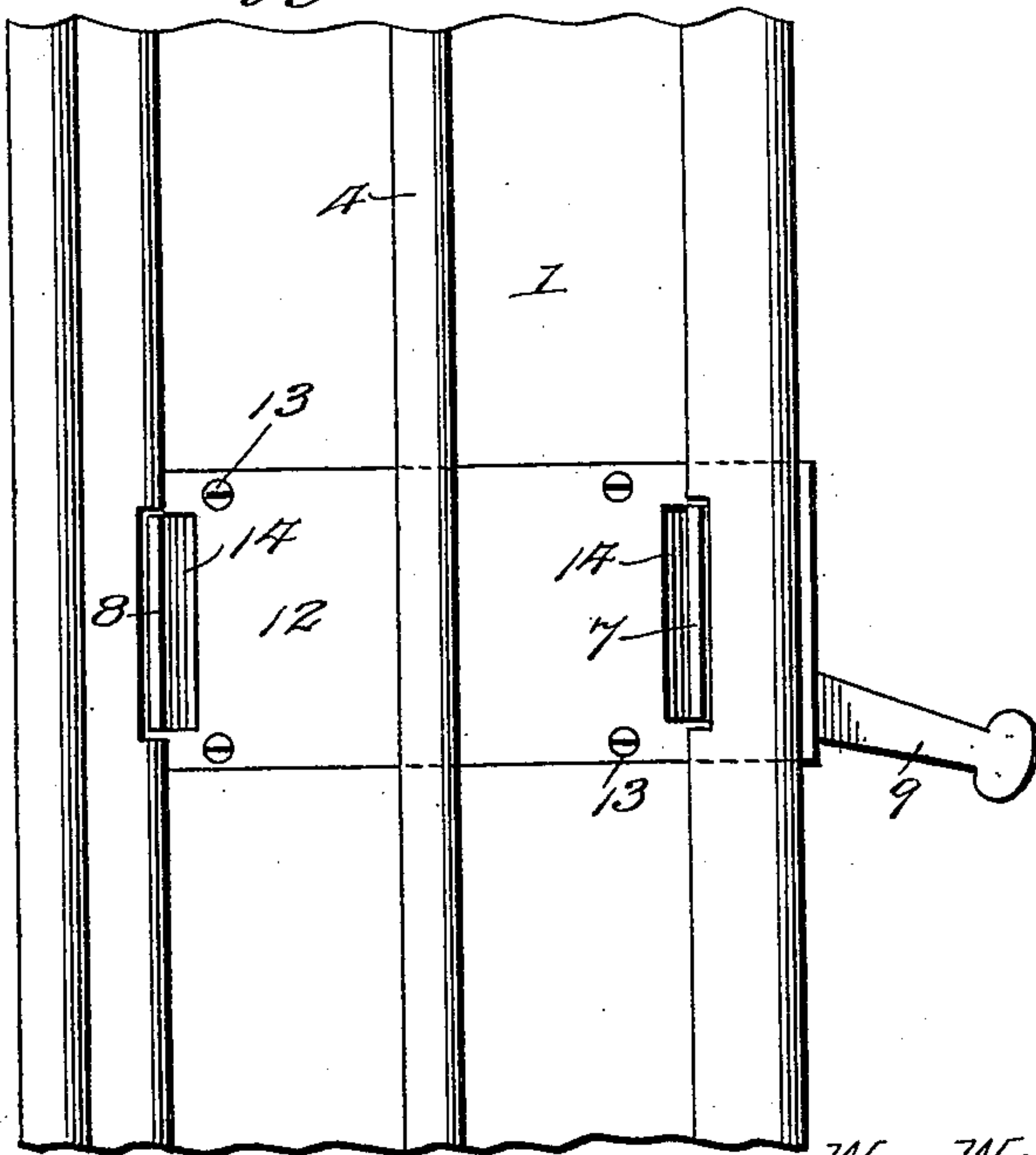


Fig. 2.



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# UNITED STATES PATENT OFFICE.

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## SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 694,234, dated February 25, 1902.

Application filed July 3, 1901. Serial No. 67,023. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM WALLACE BATTLES, a citizen of the United States, residing at and whose post-office address is 226 Montgomery street, San Jose, in the county of Santa Clara and State of California, have invented new and useful Improvements in Sash-Fasteners, of which the following is a specification.

My invention relates to sash-fasteners, and its primary object is to provide a simple and inexpensive but effective device for firmly locking the upper and lower sashes of a window together at different adjustments, thus permitting the sashes to be locked when one or both sashes are partly open for ventilating purposes, as well as when both sashes are in closed position.

A further object of the invention is to provide a sash-fastener which will be so constructed and arranged upon the window-frame as to conceal the greater part of the mechanism.

The invention consists of two coöperating clamping-plates in combination with a supporting-casing and operating and securing means of novel form.

The construction of the improvement will be fully described hereinafter in connection with the accompanying drawings, which form a part of this specification, and its novel features will be particularly pointed out in the appended claims.

In the drawings, Figure 1 is a view, partly in elevation and partly in vertical section, of a portion of a window-frame and its sashes with my improvement in position thereon. Fig. 2 is an elevation of a portion of one side of a window-frame with my invention secured thereto, the sashes being omitted. Fig. 3 is a view in perspective of the fastener detached from the window. Fig. 4 is an edge view of the same.

The reference-numeral 1 designates the window-frame, and 2 and 3, respectively, the upper and lower sashes thereof, separated by the usual parting-strip 4.

The fastener comprises overlapping plates 5 and 6, each bent at a right angle to form clamping-jaws 7 and 8. Between the plates 5 and 6 is a lever 9, pivotally secured at the point 10 to the plate 5 and at the point 11 to the plate 6. It will be apparent that when thus connected to the plates a downward movement of the lever 9 will draw the jaws

7 and 8 toward each other and a reverse movement of said lever will separate the clamping-jaws.

The window-frame is formed with a horizontal mortise opposite the meeting-rails of the sashes when the latter are in closed position, and within said mortise the plates 5 and 6 are arranged, being supported therein by a casing-plate 12, which is secured to the window-frame by screws 13. The casing 12 is formed with parallel vertical slots 14, of sufficient width to permit of the required movement of the jaws 7 and 8. The inner end of the casing-plate is provided with a rack 15, having downwardly-inclined teeth adapted to be engaged by a dog 16, projecting from the lever 9.

The utility and operation of the device will be readily understood.

The jaw 7 is adapted to engage the inner side of the lower sash 3 and the jaw 8 the outer side of the upper sash 2, as shown in Fig. 1. By depressing the lever 9 and engaging its dog with the rack the two sashes are firmly clamped.

It will be noted that it is not necessary that the meeting-rails should be opposite each other or, in other words, that the two sashes should be closed, as they may be locked while one or both are in open position. This permits locking when the sashes are partly opened for ventilation, which is not possible with the ordinary sash-fastener, the members of which are secured to the meeting-rails of the sashes.

I claim—

The combination with a window-frame formed with a horizontal mortise, of a sash-fastener comprising two overlapping plates formed at opposite ends with clamping-jaws adapted to embrace the window-sashes, a lever interposed between said plates and independently pivoted to each plate whereby both plates may be simultaneously moved in opposite directions by said lever, a dog projecting from the lever, and a casing-plate covering the mortise and having parallel slots to receive the jaws, and a rack to engage the dog.

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

WILLIAM WALLACE BATTLES.

Witnesses:

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