

C. L. GANO.
SASH LOCK.

APPLICATION FILED SEPT. 4, 1908.

911,004.

Patented Jan. 26, 1909.

Fig. 1.

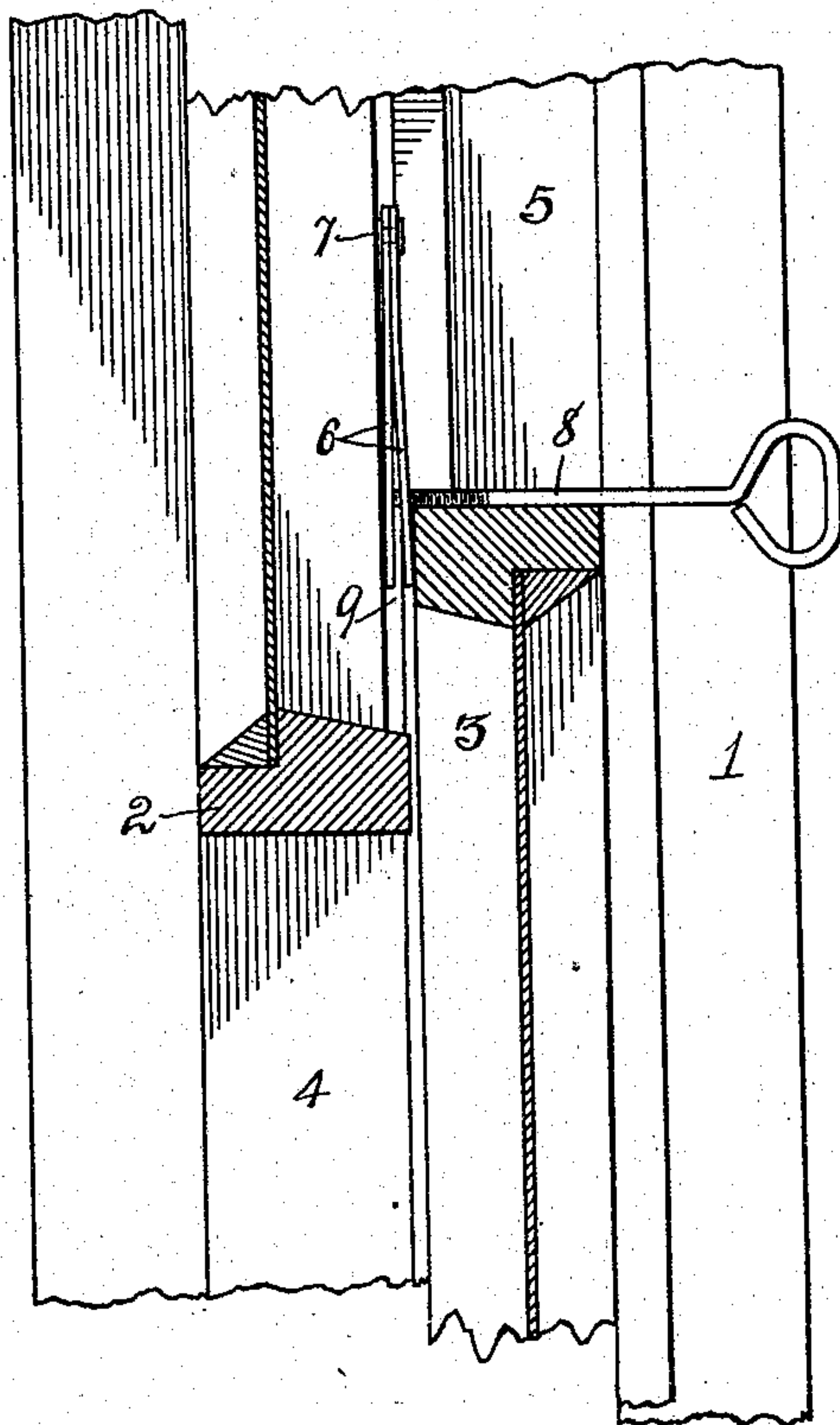


Fig. 2.

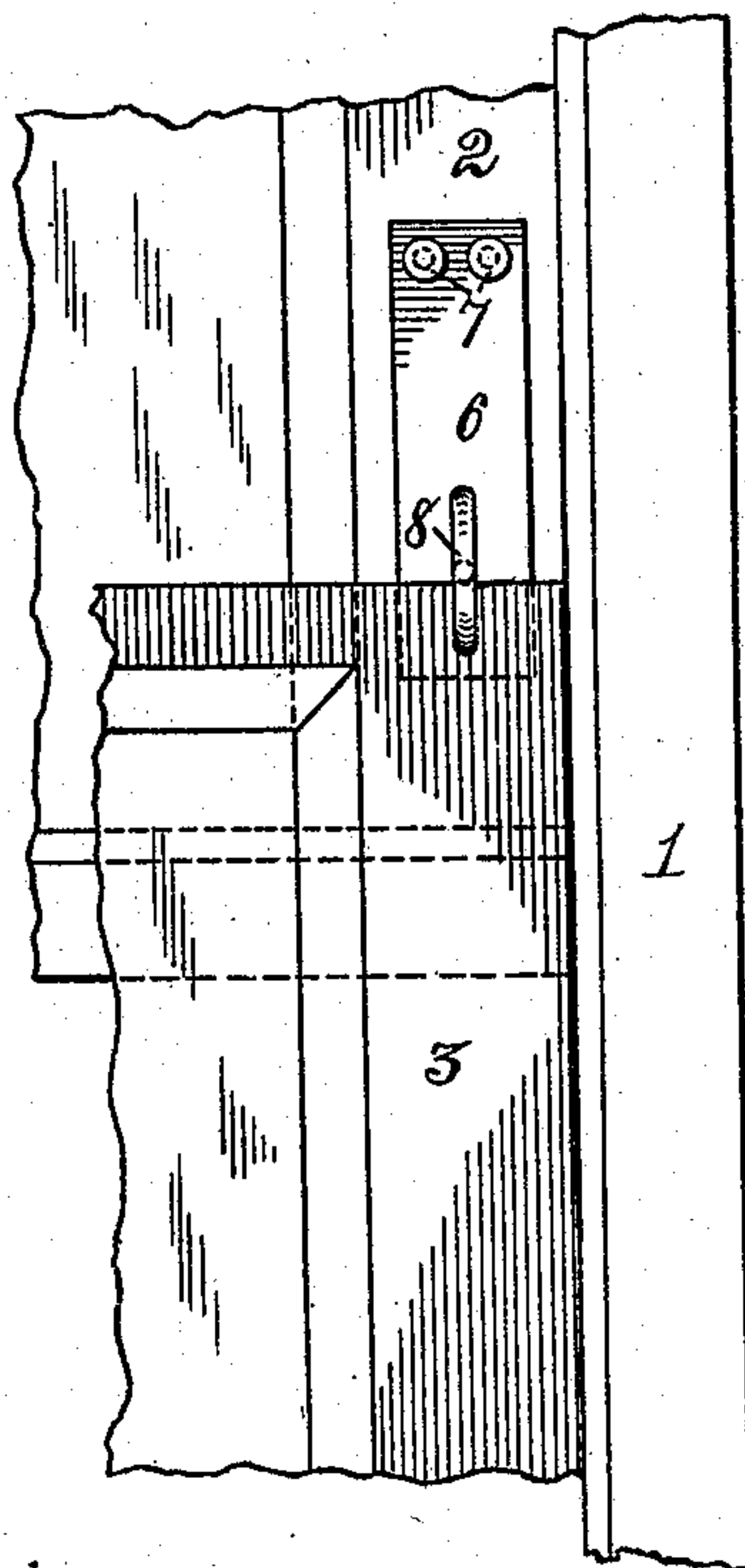
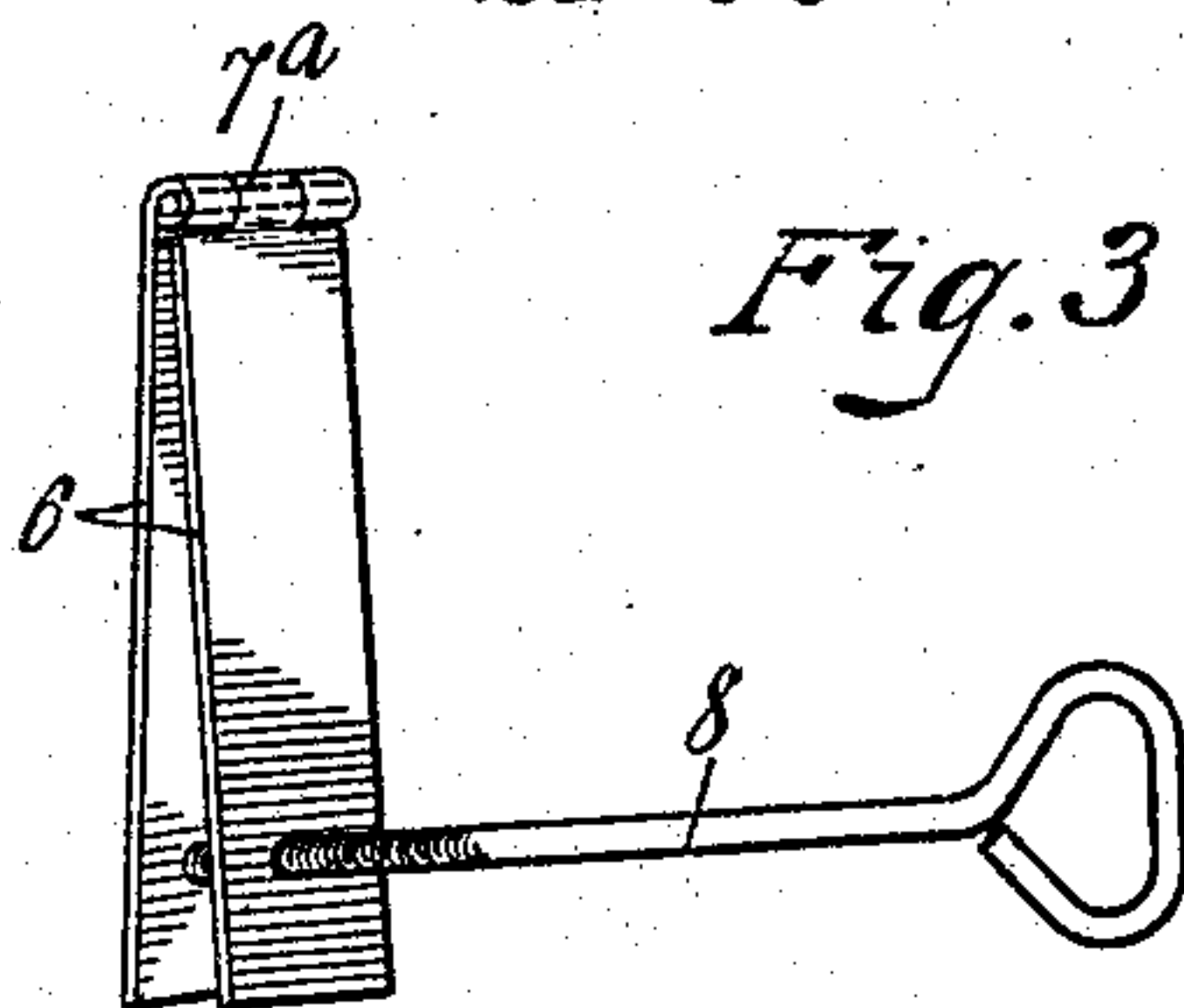


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

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SASH-LOCK.

No. 911,004.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES L. GANO, a citizen of the United States, and a resident of Tiffin, in the county of Seneca and State of Ohio, have invented a certain new and useful Sash-Lock; 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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to sash-locks; and has for its object the provision of a simple, strong and efficient device of this character, which is adapted to securely lock either or both upper and lower sashes at any degree of opening desired for the purpose of ventilation, and is capable of being instantly and easily applied and removed without the use of screws, nails or the like, and without marring the woodwork with which it engages, and which also forms a means for absolutely preventing the rattling of the windows locked thereby.

The invention is fully described in the following specification, and illustrated in the accompanying drawings, in which,—

Figure 1 is a side elevation of the lock comprising my invention in operative engagement with the upper and lower sashes of a window, the sashes and their casing being only partially shown and the former in vertical section. Fig. 2 is a front elevation of the same, and Fig. 3 is a perspective view of a slightly modified form of the lock.

Referring to the drawings, 1 designates a window casing of any suitable construction, and 2, 3 the upper and lower sashes, respectively, which work in the runways or guide-grooves 4 and 5 therein.

The lock comprising my invention consists of the two plates or bar members 6, 6, which are placed side by side and are connected together at one end in a manner to permit their free ends to be separated or spaced apart to the desired degree, as hereinafter described. These members are shown as being secured together by rivets 7 and must therefore be made of spring metal such as steel to permit a separation of their free ends. It is evident, however, that the members 6 may be hinged, as shown at 7^a in Fig. 3, or otherwise secured together as desired.

8 designates a thumb-screw which coöperates with the members 6, 6 near their free ends to force them apart when turned in the proper direction, and is shown in the drawings as being threaded through one member with its end abutting against the inner face of the other member.

The use of my lock is as follows: When the upper and lower sashes of a window have been placed in the desired position of relative adjustment the lock is placed in vertical position with the free ends of its legs or members 6, 6 inserted in the clearance 9 between the upper edge of the lower sash and the contiguous face of one of the side pieces of the upper sash, the downward movement of the lock being limited by the screw 8 resting on the top of the lower sash, as shown. This being done, the screw is turned to spread the legs 6, 6 within the clearance space 9 so as to frictionally engage the opposing surfaces of the two sashes to rigidly hold them in adjusted position.

It is evident that my lock may be quickly applied to or removed from a window and that a single one will serve to lock the two sashes in rigid adjustment with either or both in partially open position, and will also prevent a rattling of the sashes due to the forcing thereof against the outer sides of their respective runways.

I desire it to be understood that my invention is not limited to any specific form or arrangement of parts except in so far as such limitations are specified in the claim.

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

A sash-lock comprising two spring members secured together at one end and having their other ends separable to vary the space between them and adapted to be placed in the clearance between two sashes of a window when one or both are in open position, and means coöperating with said members to effect an adjustment thereof within the clearance to lock the sashes against movement.

In testimony whereof I have hereunto signed my name to this specification in the presence of two subscribing witnesses.

CHARLES L. GANO.

Witnesses:

J. C. EPPENS,
MARIE EICHHORN.