

No. 667,640.

J. SWEENEY.  
WINDOW SASH.

Patented Feb. 5, 1901.

(No Model.)

(Application filed Aug. 28, 1900.)

Fig. 1.

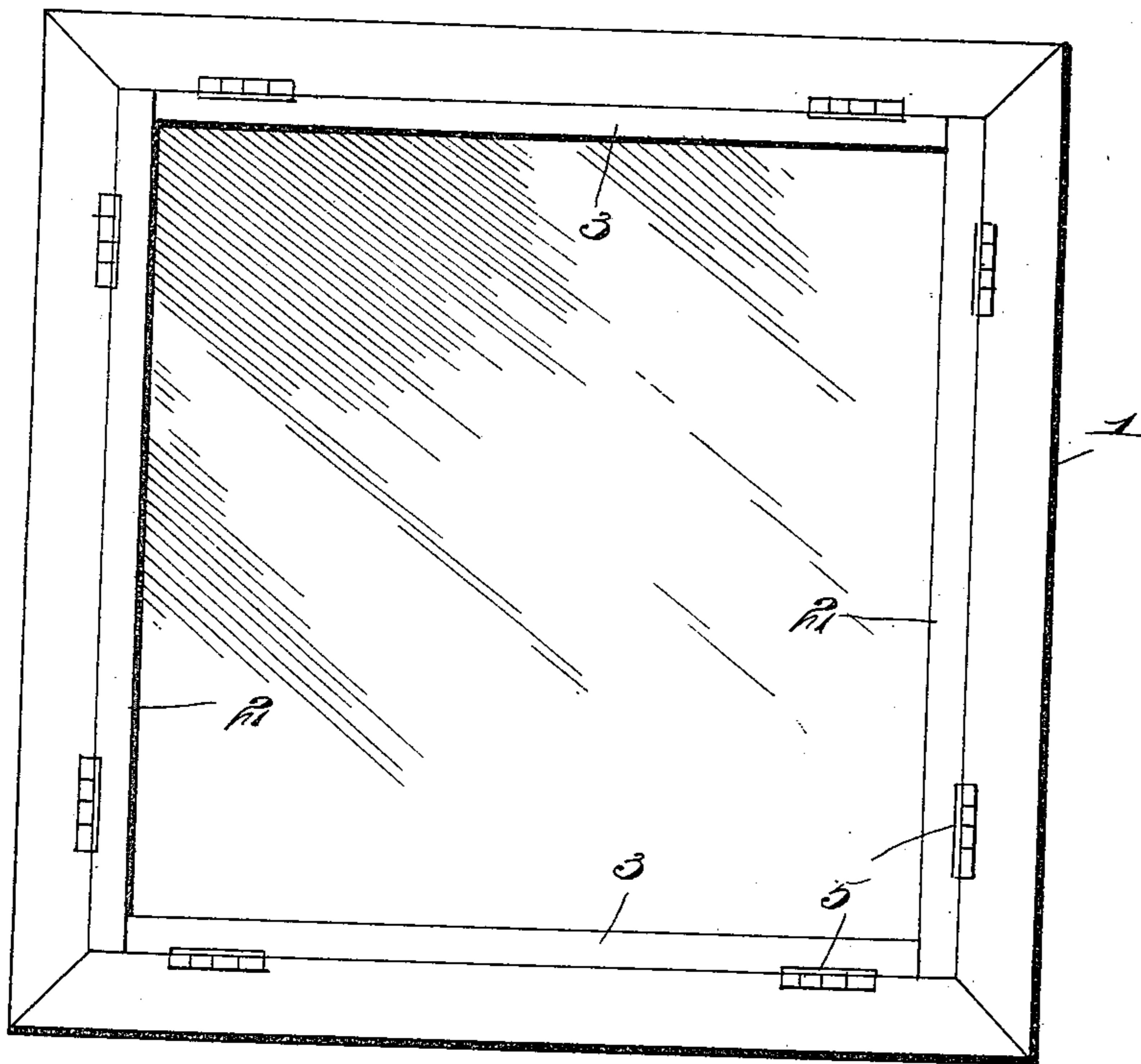


Fig. 2.

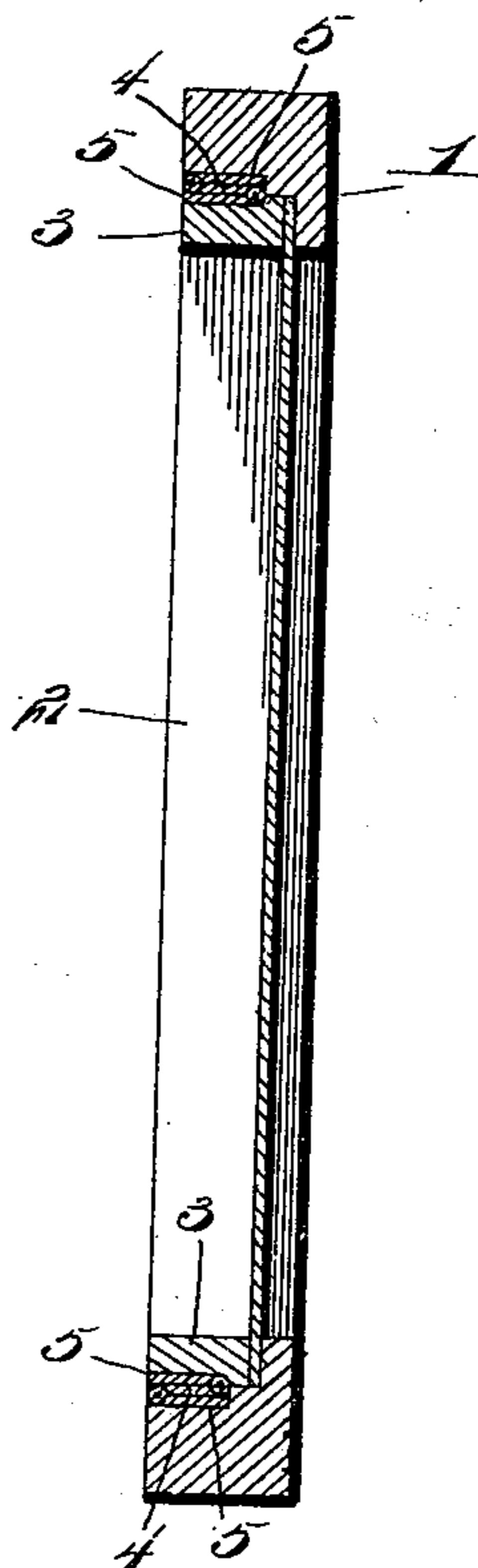
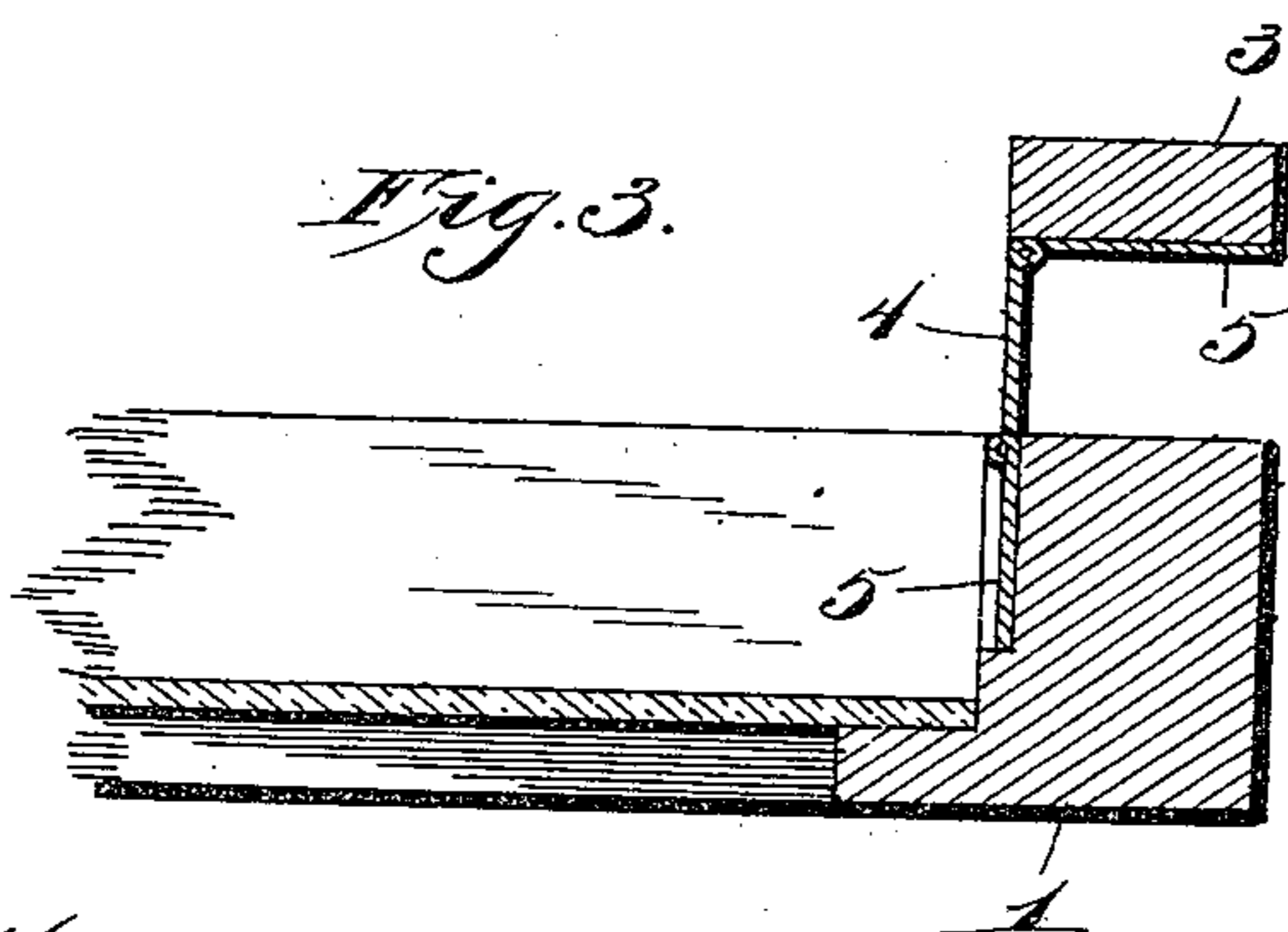


Fig. 3.



Witnesses

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# UNITED STATES PATENT OFFICE.

JOHN SWEENEY, OF NEW YORK, N. Y.

## WINDOW-SASH.

SPECIFICATION forming part of Letters Patent No. 667,640, dated February 5, 1901.

Application filed August 28, 1900. Serial No. 28,351. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN SWEENEY, a citizen of the United States, residing at New York, (Ward's Island,) in the county of New York and State of New York, have invented certain new and useful Improvements in Window-Sashes, of which the following is a specification.

This invention relates to new and useful improvements in window-sashes; and its primary object is to provide a device of this character whereby lights of glass may be detachably secured thereto in a simple and efficient manner without necessitating the use of putty or similar material.

To these ends the invention consists in providing a strip for each inner edge of the sash, said strips being hinged to the sash in a peculiar manner, whereby they may be readily swung inward against the glass and retain the same in position.

The invention also consists in the further novel construction and combination of parts hereinafter more fully described and claimed and illustrated in the accompanying drawings, showing the preferred form of my invention, and in which—

Figure 1 is a front elevation showing a sash with the retaining-strips applied thereto. Fig. 2 is a section therethrough, and Fig. 3 is an enlarged section showing a retaining-strip swung out of its normal position.

Referring to said figures by numerals of reference, 1 is a sash, to the inner edges of the opposite sides of which are secured retaining-strips formed of any desired material. Two of these strips 2 run the entire length of the inner edge of the sash, while the remaining opposite strips 3 fit snugly between the ends

of the strips 2. Each of the strips 2 and 3 is secured to the sash by means of two or more hinges of novel construction. These hinges each comprises an intermediate leaf 4, to opposite edges of which are hinged end leaves 5, as shown. One of these end leaves is secured to the inner edge of the sash, while the opposite leaf 5 is secured to the retaining-strip.

When a light of glass has been placed within the sash, the strips 2 are folded inward thereagainst, causing the leaves of the hinges to fold upon themselves, as shown in Fig. 2, thereby permitting the inner edge of each strip to fall squarely against the edge of the glass. The intermediate strips 3 are then folded inward in a similar manner, and it is obvious that the glass is then held securely in position.

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

The combination with a sash; of retaining-strips adjacent to the inner edges thereof, opposite intermediate strips within said sash and adapted to fit snugly between the retaining-strips, leaves secured to the inner faces of the strips, leaves secured to the inner faces of the sash, and intermediate plates hinged to said leaves, said leaves and plates being adapted to lie wholly between the strips and sash when said strips are in retaining position.

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

JOHN SWEENEY.

Witnesses:

JOSEPH SMITH,  
MORRIS JACOBS.