

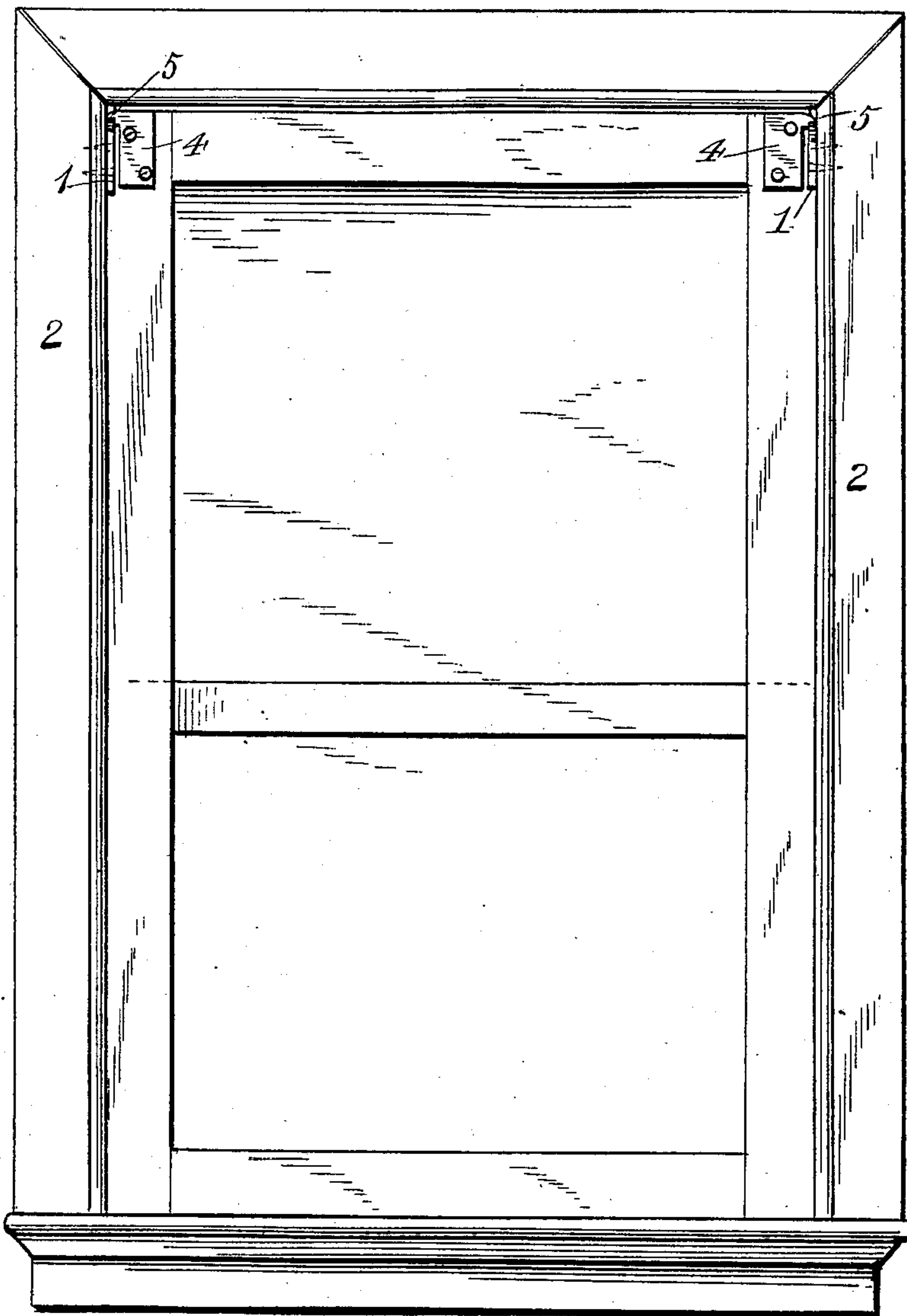
No. 863,465.

PATENTED AUG. 13, 1907.

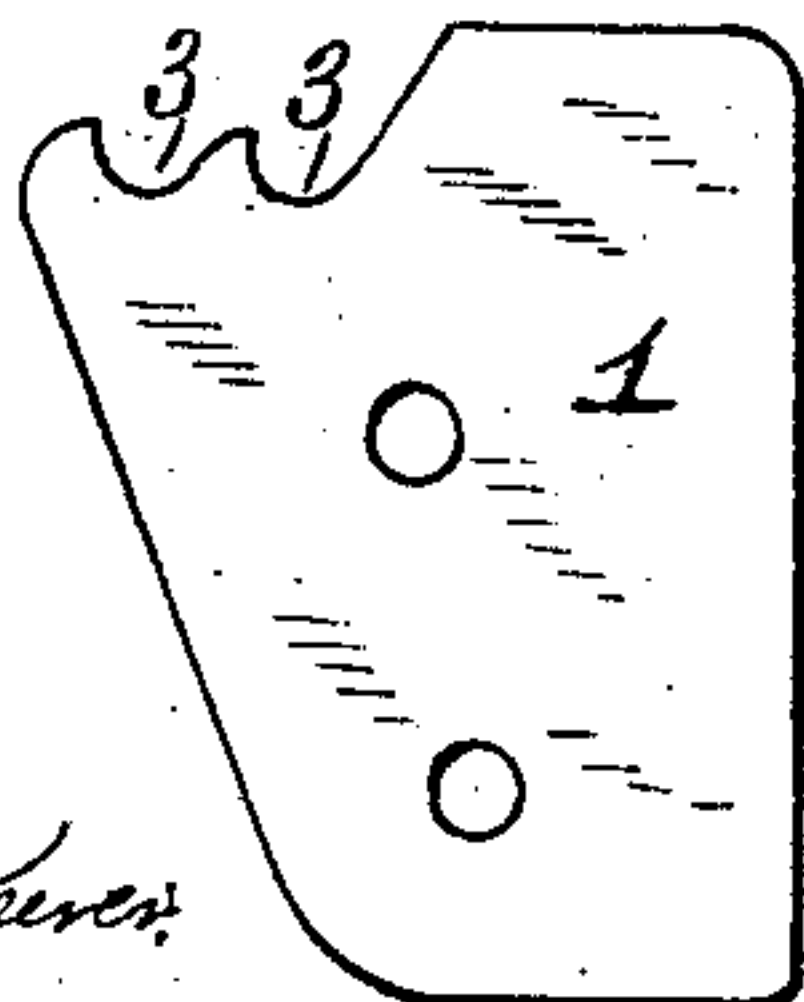
A. SWANSER.  
AWNING BLIND HINGE.  
APPLICATION FILED SEPT. 24, 1906.

2 SHEETS—SHEET 1.

*Fig. 1.*

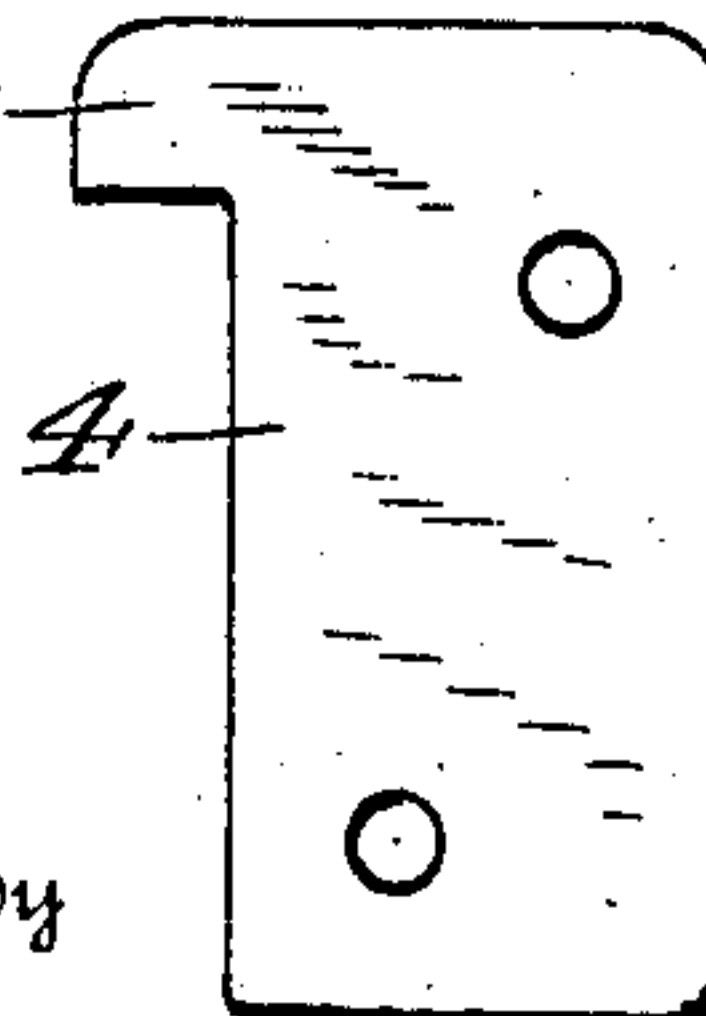


*Fig. 3.*



Witnesses:  
*H. T. McKeen*  
*L. L. Buckner*

*Fig. 4.*



By

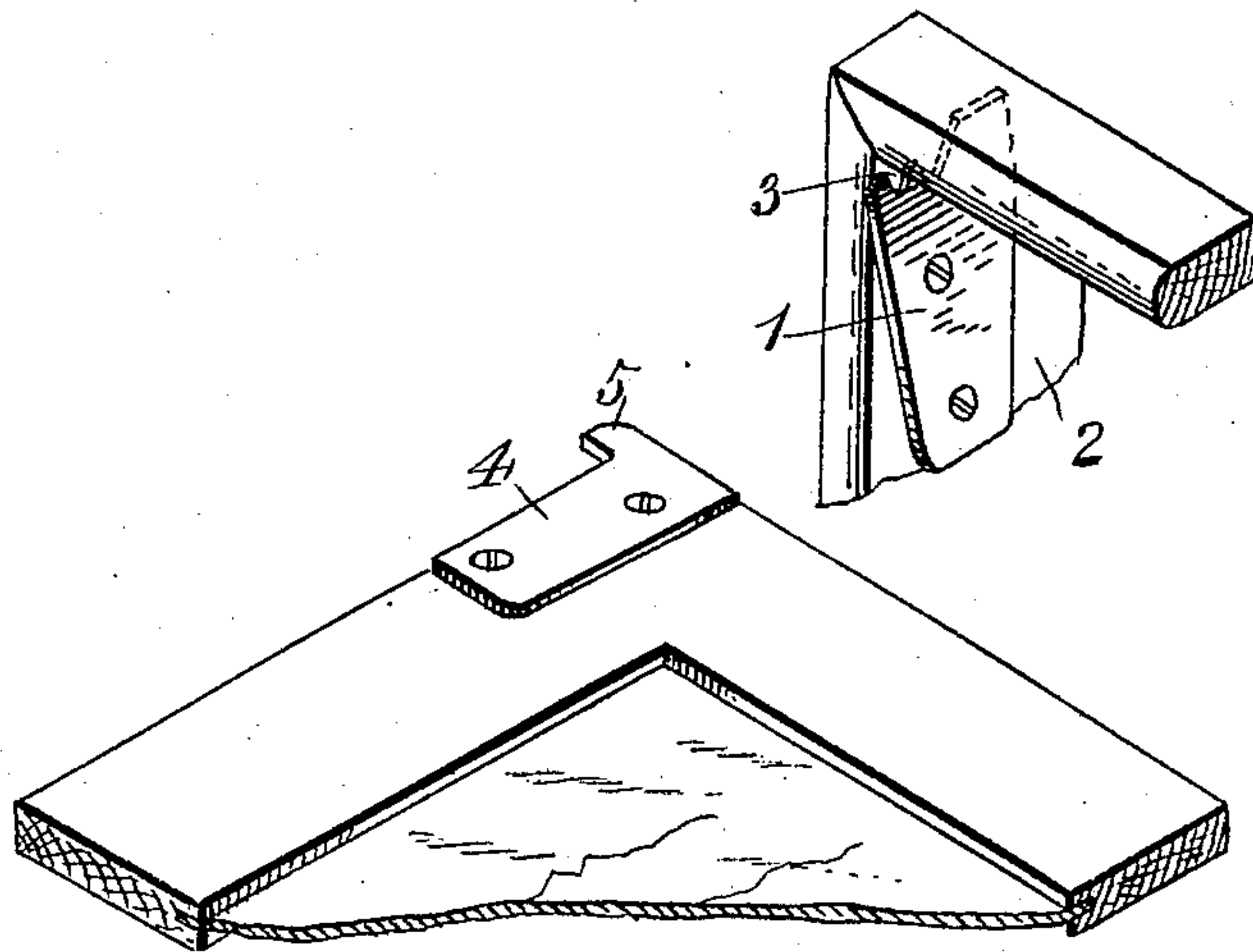
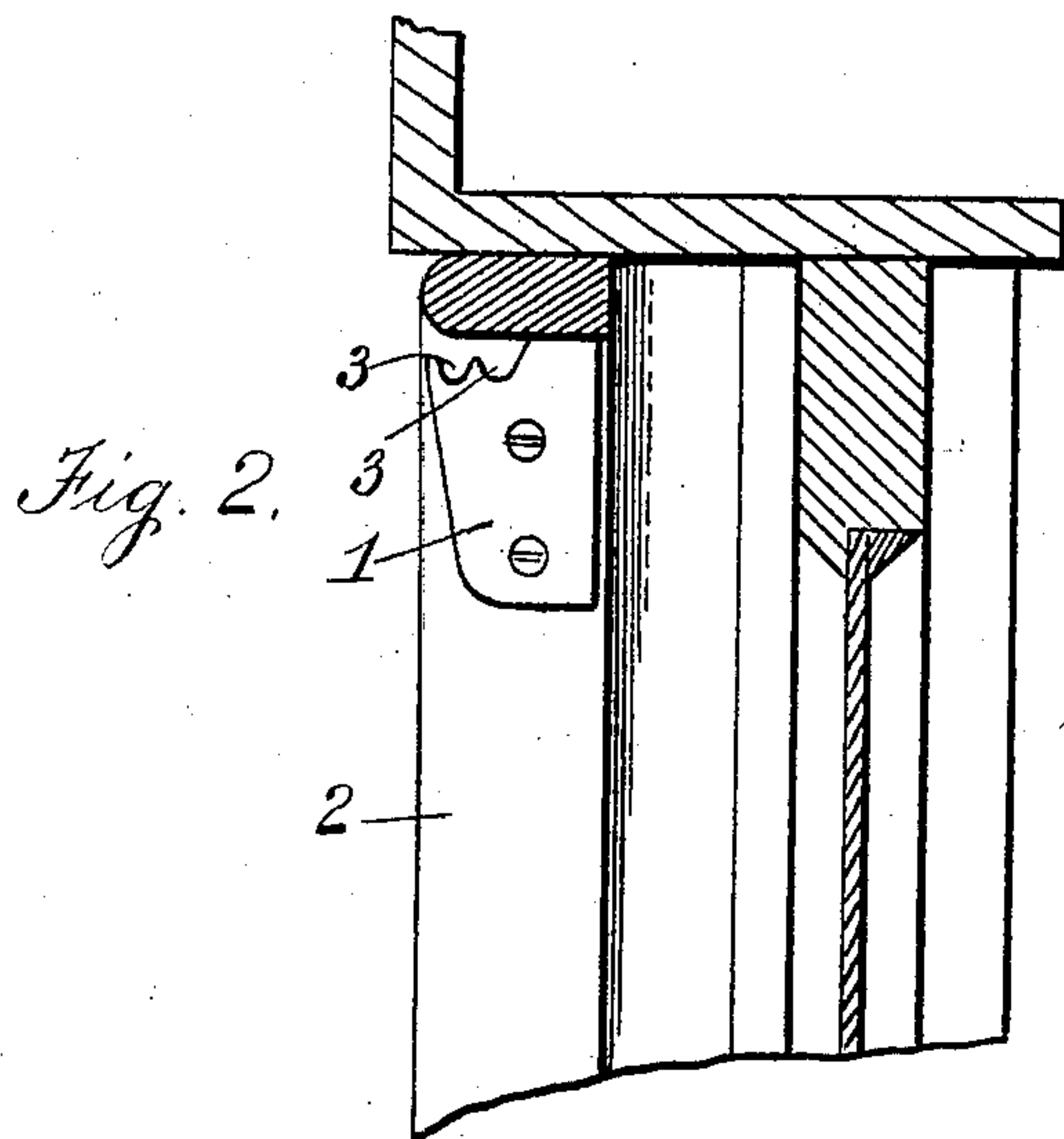
Inventor:  
*Anthony Swanser,*  
*Lawyer*  
Attorneys

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2 SHEETS—SHEET 2.



*Fig 5.*

Witnesses:  
*H. T. McKeen.*  
*L. L. Buckner.*

Inventor:  
*Anthony Swanser,*  
By *Sam. Rayner* *Attorney*

# UNITED STATES PATENT OFFICE.

ANTHONY SWANSER, OF IOWA CITY, IOWA.

## AWNING-BLIND HINGE.

No. 863,465.

Specification of Letters Patent.

Patented Aug. 13, 1907.

Application filed September 24, 1906. Serial No. 336,052.

*To all whom it may concern:*

Be it known that I, ANTHONY SWANSER, a citizen of the United States, residing at Iowa City, in the county of Johnson and State of Iowa, have invented certain new and useful Improvements in Awning-Blind Hinges, of which the following is a specification.

My invention relates to improvements in what may be termed awning blind hinges.

It has for its object to provide for readily hanging or adjusting in position a storm window or screen when needed, and to accomplish the same in a simple and effective manner.

Said invention consists of certain structural features substantially as hereinafter fully disclosed and particularly pointed out by the claims.

In the accompanying drawing illustrating the preferred embodiment of my invention—Figure 1 is a view showing the invention as applied for practical use. Fig. 2 is a broken section viewing the parts from the inside. Figs. 3, 4 and 5 are disassembled views of the constituent parts of the invention.

In carrying out my invention, I employ bracket-plates 1 which are suitably attached, by screws, or otherwise, to the window-frame 2, within the upper outer corner edges thereof, so that the top edges of said plates shall fit against the underside of the top piece of the window-frame. Said plates have each in its upper edge notches or recesses 3, that portion of each plate containing said notches or recesses having its top edge arranged below the corresponding edge portion thereof for a purpose presently made apparent. I also employ two additional plates or hangers 4 which are suitably secured by screws, or otherwise, to the storm window-sash, or to a screen, at the outer upper corners thereof, and which plates are suitably provided at their upper corner-edges with lateral studs or projections 5 for engagement with corresponding notches or recesses 3 of the bracket-plates. Said studs or projections 5 are of a greater cross-section than the width of opening between the lower stepped portions of the outer edges of the plates 4 and the inner upper surface of the window frame. Each bracket-plate is provided with two notches or recesses, or has one arranged to stand a

greater distance than the other from the primary window-sash, in order to accommodate or provide for the interchange of use of a screen and a storm sash, the two being usually made of different thicknesses of material accordingly requiring a different amount of room-space.

It will be noted that, in adjusting the storm or supplemental window-sash or screen, in position, it is initially disposed with its lower edge standing outward and downward so as to let the lateral studs 5 of the hanger-plates 4 drop into the required notches 3 of said bracket-plates 1, when the window-frame, or screen, as may be the case, as it is freed from the grasp, will swing downward and inward and may be moved and fastened by suitable means within the plane of the window-frame as is apparent and for the purpose aforesaid.

In effecting the interchange of use between the storm-window sash and a screen, the latter may have previously applied thereto, as in the former, also hanger-plates and remain thus equipped for ready subsequent use.

It is further noted that, by means of the above method of suspending the storm sash or screen in position the latter is proof against possibility of being lifted, displaced or wrenched from its place by the violence of a storm or other cause, as has been made apparent, it is believed.

I claim—

A device as described, comprising plates, each adapted for application to the inner surface of a window-frame and having its outer upper edge portion stepped down below its inner upper edge portion, with said stepped outer edge portion arranged, together with said inner edge portion, all within the plane of the window-frame, said outer stepped portion having notches therein, and hanger plates for a blind or screen having lateral studs adapted to engage said notches, said studs being of a greater cross-section than the width of opening between the lower stepped portions of the outer edges of the aforesaid plates and the inner upper surface of said window-frame.

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

ANTHONY SWANSER.

Witnesses:

F. J. LEHMANN,  
E. E. HINKLEY.