

No. 808,544.

PATENTED DEC. 26, 1905.

J. H. IBISON.
WINDOW GLASS FASTENER.
APPLICATION FILED AUG. 2, 1905.

Fig. 1.

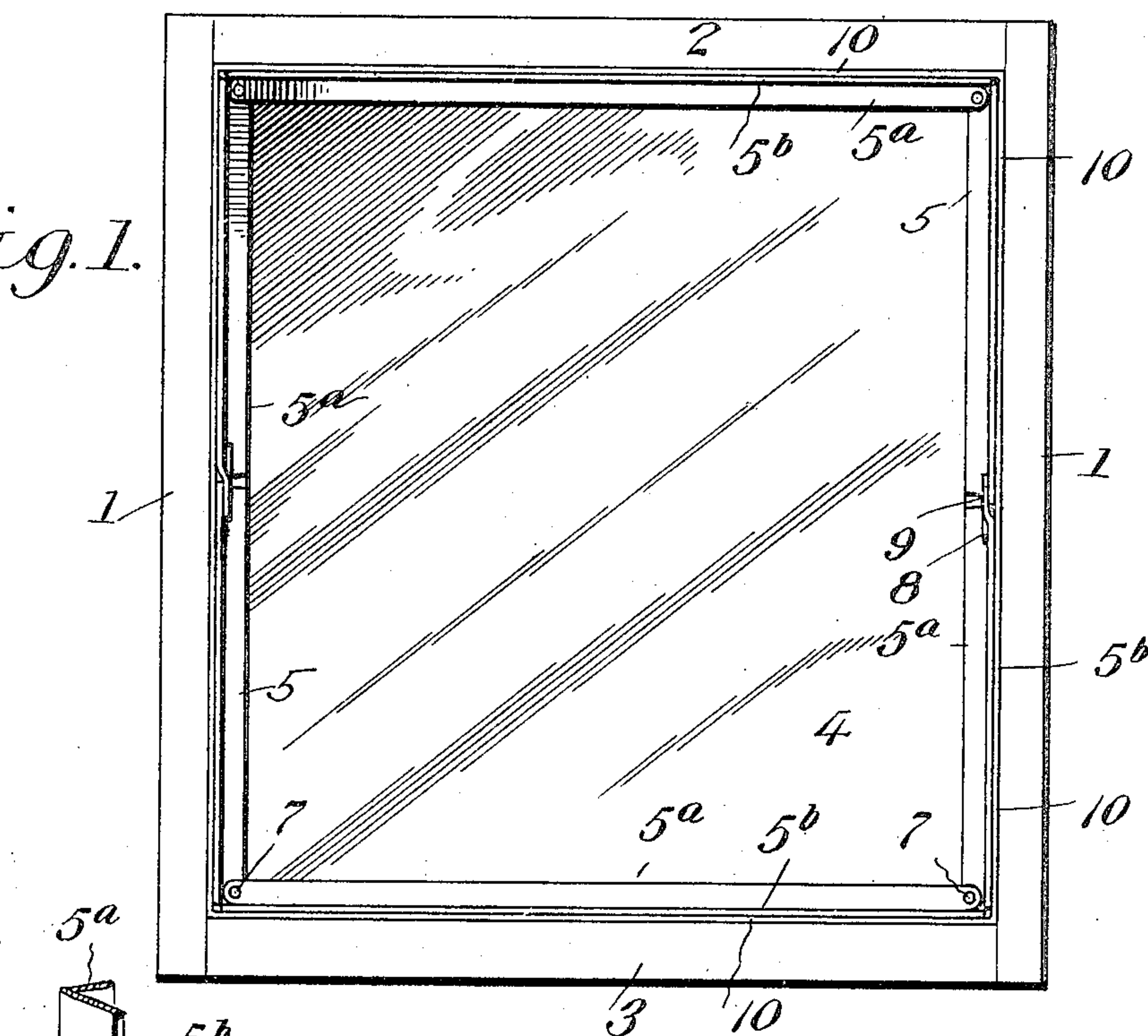


Fig. 2.

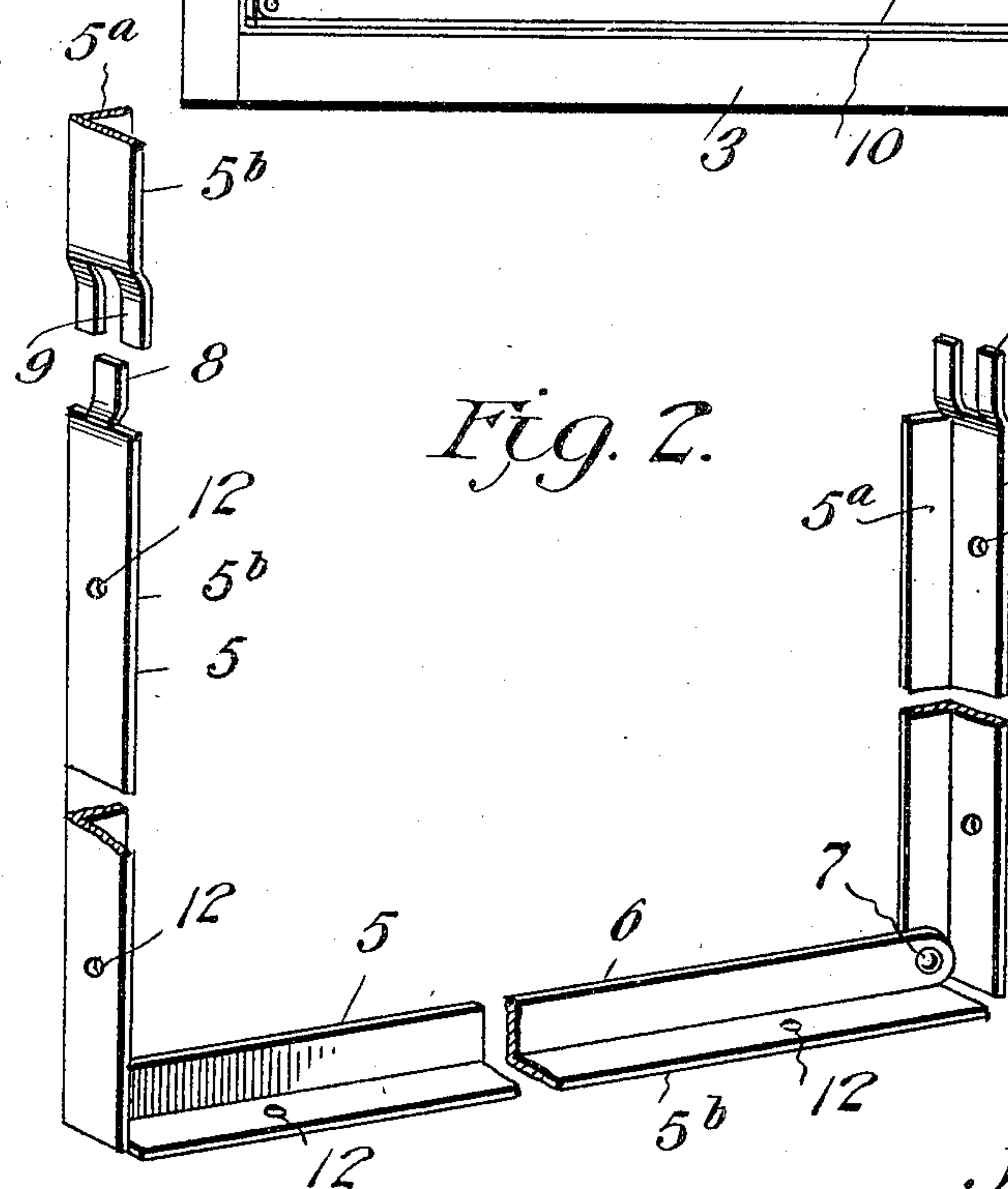
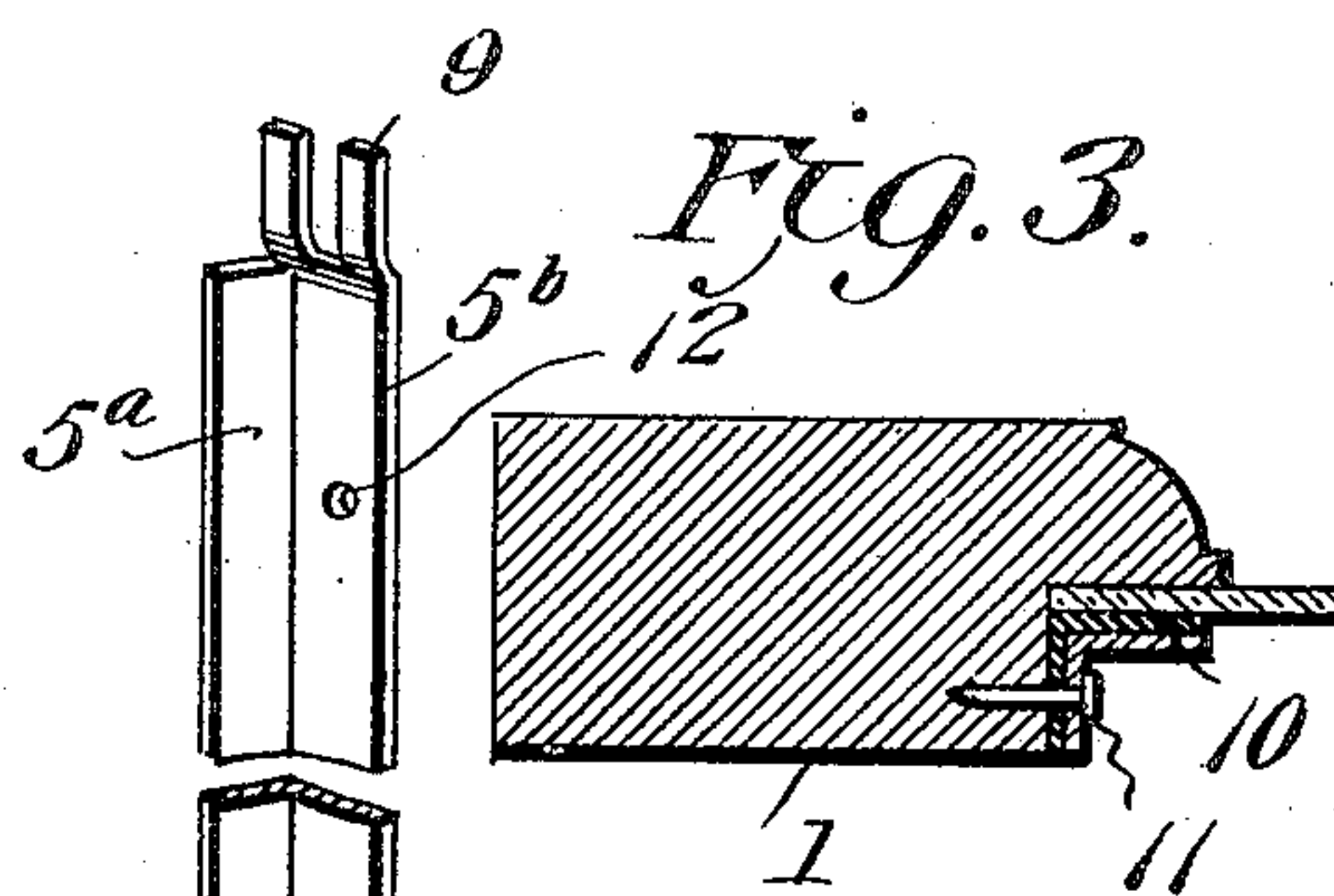


Fig. 3.



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WINDOW-GLASS FASTENER.

No. 808,544.

Specification of Letters Patent.

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Application filed August 2, 1905. Serial No. 272,430.

To all whom it may concern:

Be it known that I, JOHN H. IBISON, a citizen of the United States, residing at Urbana, in the county of Dallas and State of Missouri, have invented new and useful Improvements in Window-Glass Fasteners, of which the following is a specification.

My invention relates to window-glass fasteners; and its primary object is to provide a novel and highly useful device of this character which is in the form of frames comprising strips hingedly secured together, each frame being united in a manner to permit of their relative adjustment for application to window-frames of varying length.

A further object of the invention is to interpose an adhesive substance between the frames and glass and sash, whereby to render the sash perfectly air-tight.

With the above and other objects in view the invention consists of the construction, combination, and arrangement of parts hereinafter fully described, claimed, and illustrated in the accompanying drawings, wherein—

Figure 1 is a front elevation of a window-sash, illustrating the application of my improved fastener. Fig. 2 is a detailed perspective view of one of the frames of the fasteners, and Fig. 3 is a transverse sectional view through one of the rails of the window-frame.

Referring to the drawings by reference-numerals, 1 1 designate the side, 2 the upper, and 3 the lower, rails of a window-sash, the same being suitably rabbeted to provide for the reception of a pane of glass 4.

The glass 4 is adapted to be secured in applied position and the sash rendered air-tight by means of two substantially duplicate frames. Each frame consists of side strips 5 5 and a connecting-strip 6, said strips being L-shaped in cross-section, providing clamping-flanges 5^a and securing-flanges 5^b. The strips of each frame are united by means of pintles 7 engaging the clamping-flanges 5^a, as is fully illustrated in Fig. 2 of the drawings. The upper end of one of the attaching-flanges 5^b is provided with an inwardly-bent and upwardly-projecting tongue 8, while the upper end of the other attaching-flanges 5^b is bifurcated, as at 9, and the legs of said bifurcation are curved inwardly and upwardly. In practice two frames are used and are adapted to be seated in the rabbeted portion of the win-

dow-sash one above the other, as is fully illustrated in Fig. 1. In this application of the frames it will be apparent that they are in reverse order—that is, the bifurcated end of one frame is in opposition to the tongue 8 of the other frame, whereby the tongue 8 of each frame is received between the legs of the bifurcation of the other end, thus uniting the frames for relative adjustment. Before the frames are secured in applied position an adhesive substance 10, such as rubber in its raw state, is interposed between the clamping-flanges 5^a and the glass 4 and between the attaching-flanges 5^b and the opposing edges of the window-sash. The frames are secured in applied position by means of nails 11 or other suitable fastening means passing through openings 12 in the attaching-flanges 5^b and engaging the window-sash.

It is apparent from the above description, taken in connection with the accompanying drawings, that I provide means which not only effectually retain a pane of glass in applied position, but which also render the sash perfectly air-tight. It is further apparent that the frames may be readily adjusted for application to sashes of varying length and may be quickly secured in applied position.

Having fully described and illustrated my invention, what I claim is—

1. In a device of the character set forth, the combination of a window-sash, a pane of glass adapted to be applied thereto, and frames for securing the pane of glass in applied position, said frames being adjustably connected to adapt them for application to window-frames of varying length.

2. In a device of the character set forth, the combination of a window-sash, a pane of glass adapted to be applied thereto, and frames for securing the pane of glass in applied position and comprising strips hingedly secured together, said frames being adjustably connected to adapt them for application to window-frames of varying length.

3. In a device of the character set forth, the combination of a window-sash, a pane of glass adapted to be applied thereto and frames each comprising L-shaped strips hingedly secured together, one end of one of said strips being provided with a tongue, while the end of another strip is bifurcated.

4. In a device of the character set forth, the combination of a window-sash, a pane of

glass adapted to be applied thereto, frames
each comprising L-shaped strips hingedly
secured together, one end of one of said
strips being provided with a tongue, while
5 one end of another strip is bifurcated, and
an adhesive substance interposed between the
frames and glass and sash.

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

JOHN H. IBISON.

Witnesses:

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