

No. 705,278.

Patented July 22, 1902.

J. P. McKEEVER.

WINDOW SCREEN.

(Application filed July 21, 1900.)

(No Model.)

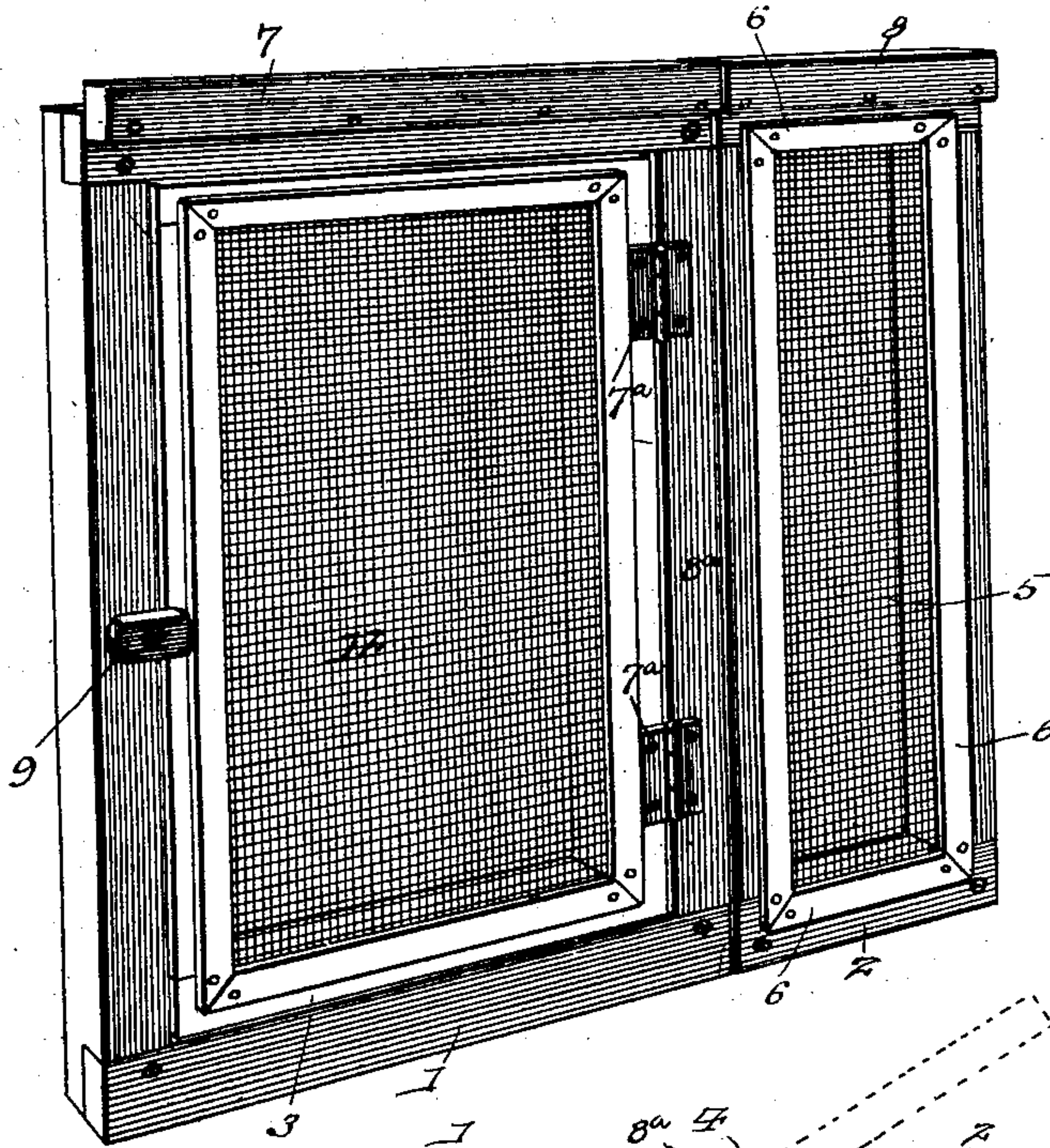


Fig. 1.

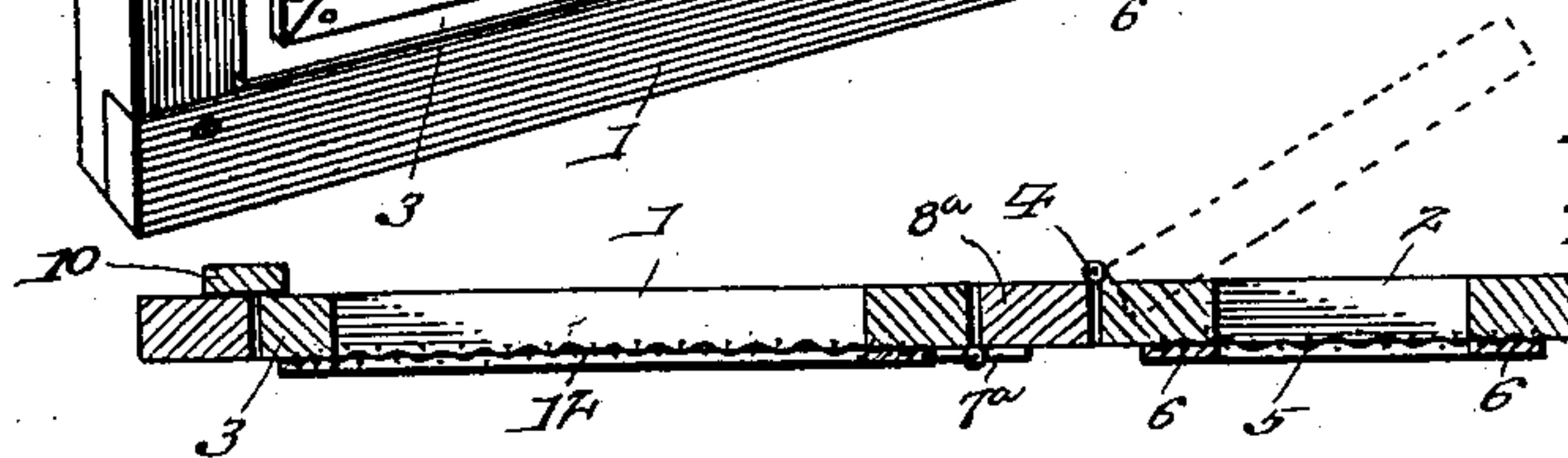


Fig. 2.

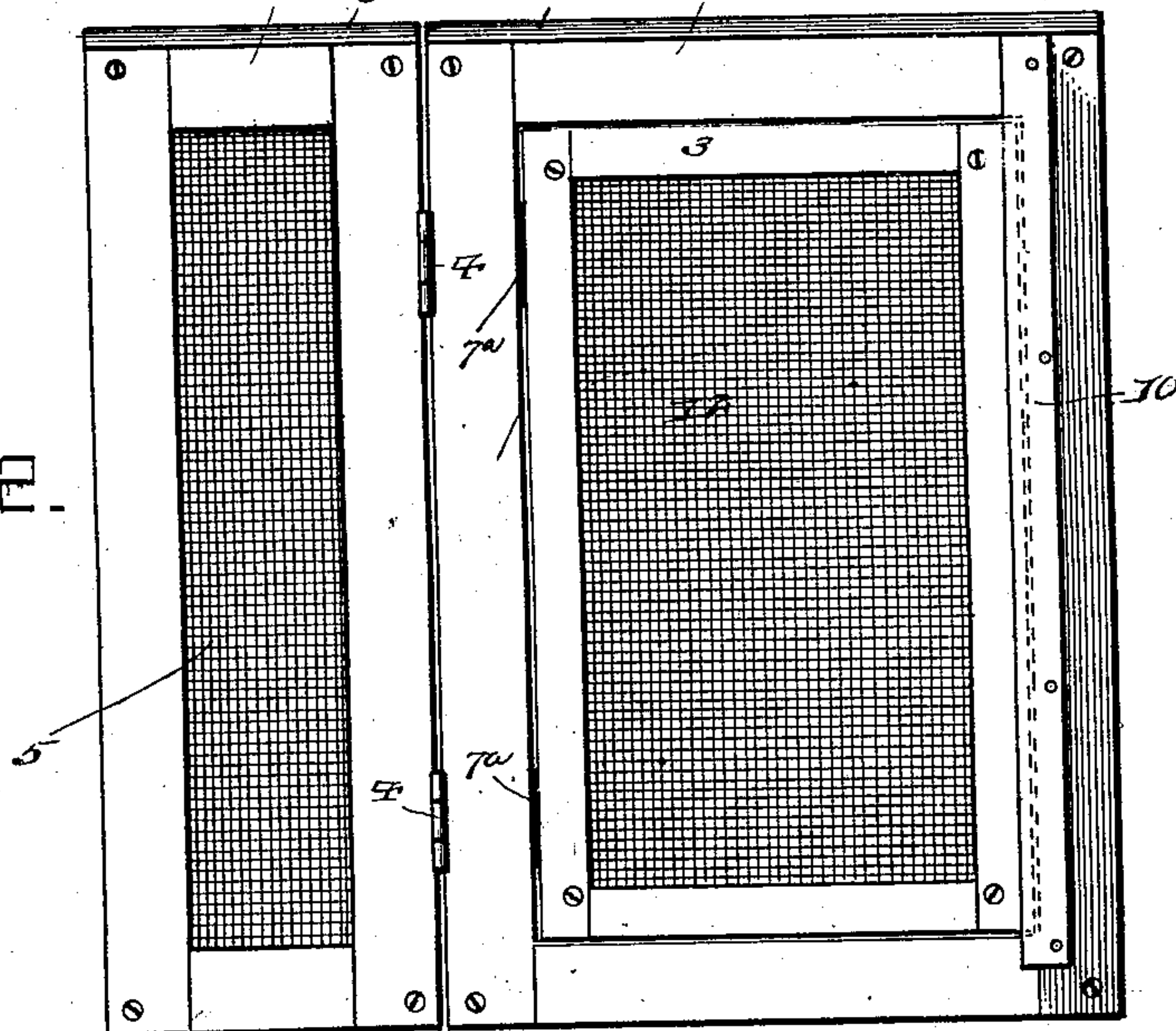


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

JOHN PERCY MCKEEVER, OF WARDENSVILLE, WEST VIRGINIA.

WINDOW-SCREEN.

SPECIFICATION forming part of Letters Patent No. 705,278, dated July 22, 1902.

Application filed July 21, 1900. Serial No. 24,432. (No model.)

To all whom it may concern:

Be it known that I, JOHN PERCY MCKEEVER, a citizen of the United States, residing at Wardensville, in the county of Hardy and State of West Virginia, have invented a new and useful Window-Screen, of which the following is a specification.

The invention relates to improvements in window-screens.

The object of the present invention is to improve the construction of window-screens and to provide a simple and comparatively inexpensive one adapted to be readily placed in and removed from a window and capable of being opened and closed to afford access to the exterior of the window without removing the screen therefrom.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

In the drawings, Figure 1 is a perspective view of a window-screen constructed in accordance with this invention. Fig. 2 is a side elevation of the same, showing the outer face thereof. Fig. 3 is a horizontal sectional view.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 and 2 designate main frames of unequal width to arrange the joint at one side of the center of the window-screen to enable a large shutter or door 3 to be mounted within the frame 1, so that the window-screen may be opened to afford access to the exterior of the window without removing the said screen from the window. The main frames 1 and 2 are connected by hinges 4, having their pintles arranged at the outer face of the screen and adapted to permit the screen to break inwardly to enable it to be conveniently placed in and removed from a window. The smaller frame 2, which is oblong, is covered with suitable screen material 5, which is supported at its edges by strips 6, and the said frames 1 and 2 are also provided at their upper edges with marginal strips 7 and 8, arranged to overlap the window-sash to provide a tight joint for excluding insects. These strips 7 and 8 also serve to stiffen and strengthen the window-screen.

The door or shutter 3 is arranged within the large frame 1 and is connected with the same at the inner face thereof by hinges 7, secured to the inner side of the frame of the door or shutter and to the inner side bar 8^a of the main frame 1 to permit the door or shutter to open inwardly. The hinges 7^a, which connect the shutter and the main frame, are arranged at the inner face of the screen. The door or shutter, which is adapted to swing across the frame 2 out of the way when open, is secured when closed by a pivoted button 9 or other suitable fastening device, which holds the door or shutter within the frame 1 against the vertical strip 10, located at the outer face of the outer side strip and adapted to prevent the shutter or door from swinging entirely through the frame 1. The frame of the door or shutter is covered with suitable screen material 12, having its edges arranged beneath marginal strips, and when it is desired to obtain access to the exterior of the window the hinged door or shutter is opened and may be swung backward out of the way. When the door or shutter is closed, it is firmly held between the pivoted button and the vertical strip or bar 10.

It will be seen that the window-screen is exceedingly simple and inexpensive in construction, that it is strong and durable, and that it may be readily placed in and removed from a window. It will also be seen that the hinged joint of the frames 1 and 2 do not affect the hinged door or shutter and that the latter does not have to be opened to remove the screen from a window or to place it therein. It will also be clear that the hinged shutter or door affords access to the exterior of a window and may be opened or closed without removing the screen and that the marginal strips at the top of the screen are adapted to exclude insects and reinforce the frames 1 and 2.

What I claim is—

A window-screen comprising two rectangular frames of unequal size hinged together along their vertical edges, the two frames, when assembled, being of a width to extend from side to side of the window-casing and to project within the spaces between the parting-beads and the sash-strips and be held in position thereby, thus obviating the necessity

of employment of supplemental fastening devices for the purpose, a permanent screen associated with the smaller frame, a supplemental frame hinged to the larger frame and
5 carrying a screen, the smaller frame being adapted to move outward to permit placing the structure in position between the sides of the window-casing, and the supplemental frame being adapted to move inward to afford access to the exterior of the window, locking means carried by the larger frame to hold
10 the supplemental frame normally closed, and

marginal strips secured to the upper edges of the inner portions of the two frames to overlap the bottom rail of the window-sash and
15 thus preclude entrance of insects, all substantially as and for the purpose specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JOHN PERCY McKEEVER.

Witnesses:

L. H. BRUCE,
H. O. CURTIS.