

No. 690,599.

Patented Jan. 7, 1902.

M. MESSER.  
ADJUSTABLE METALLIC SCREEN FRAME.

(Application filed Aug. 5, 1901.)

(No Model.)

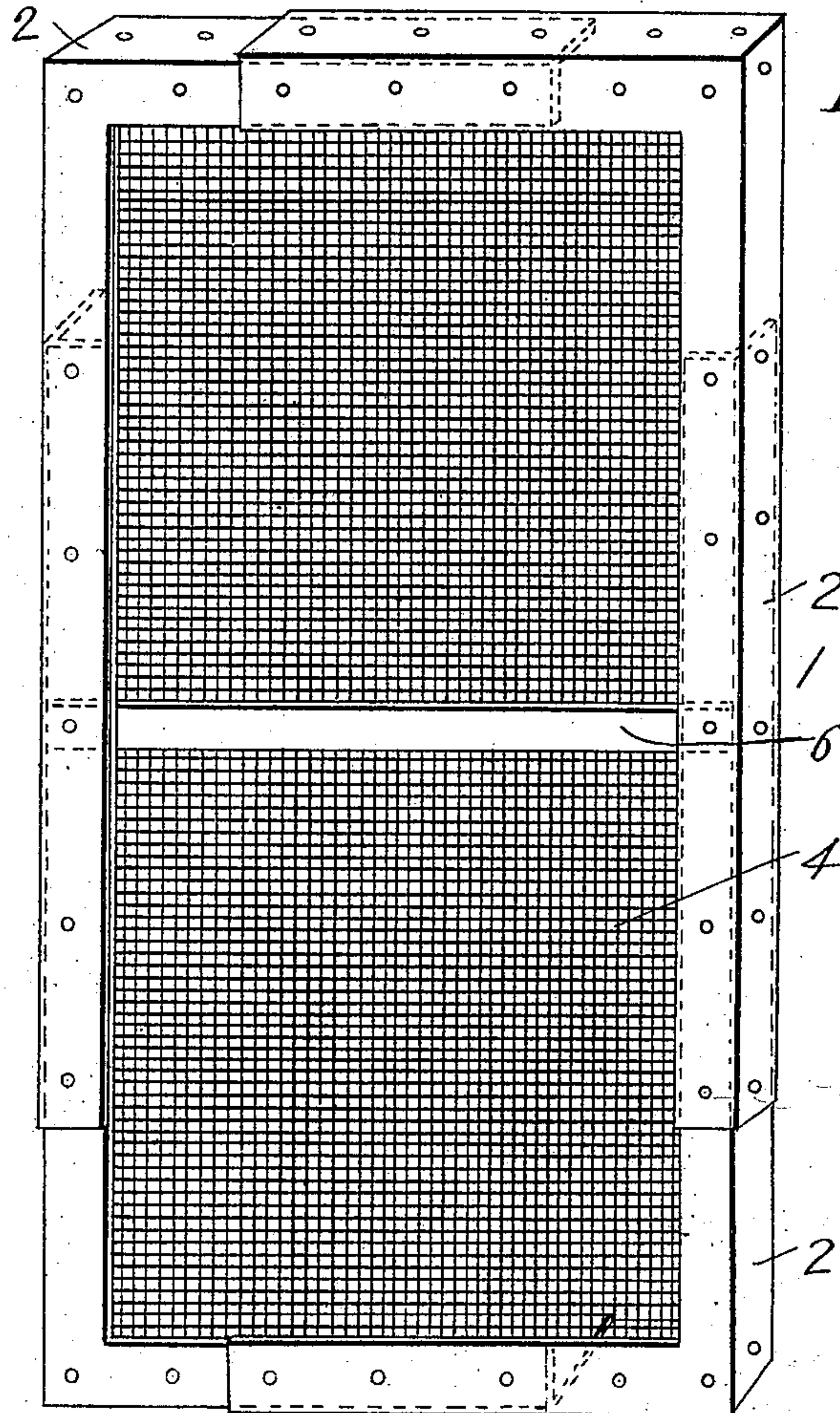


Fig. 1.

Fig. 2.

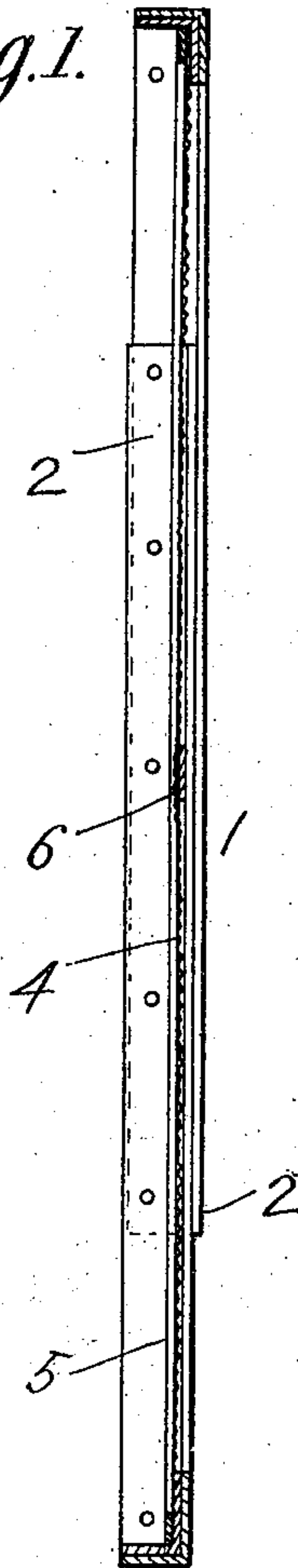


Fig. 4.

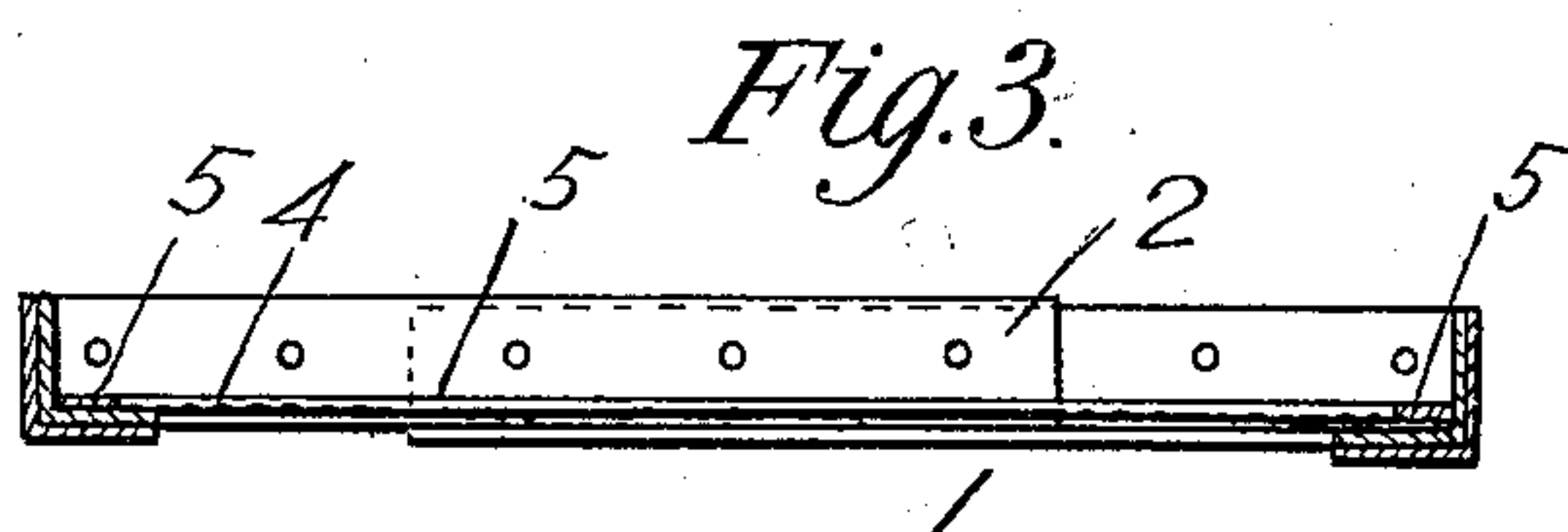
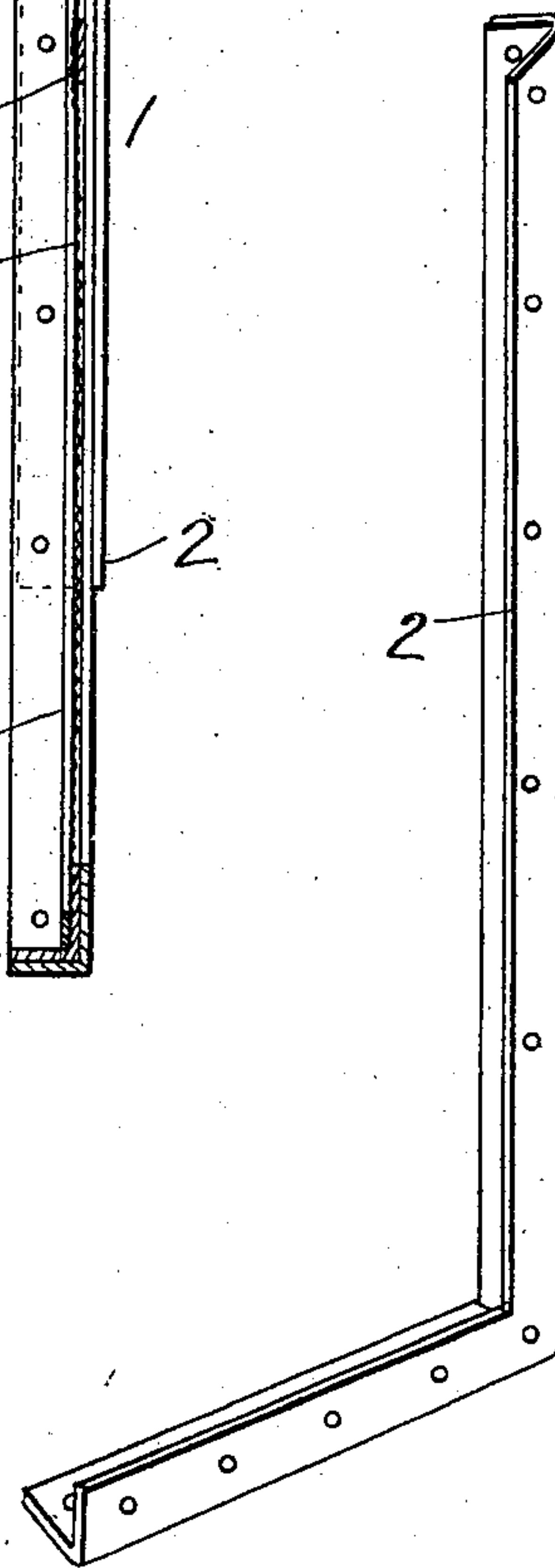


Fig. 3.



Inventor  
Miller Messer

By *J. A. Bowley*  
*J. A. Bowley*

By *A. B. Russell & Co.*  
Attorneys



# UNITED STATES PATENT OFFICE.

MILLER MESSER, OF MOUNT PLEASANT, IOWA.

## ADJUSTABLE METALLIC SCREEN-FRAME.

SPECIFICATION forming part of Letters Patent No. 690,599, dated January 7, 1902.

Application filed August 5, 1901. Serial No. 70,979. (No model.)

*To all whom it may concern:*

Be it known that I, MILLER MESSER, a citizen of the United States, residing at Mount Pleasant, in the county of Henry and State of Iowa, have invented certain new and useful Improvements in Adjustable Metallic Screen-Frames; and I do 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.

The invention relates to adjustable metallic screen-frames.

The object of the invention is to provide a screen-frame which in the mode of construction may be adjusted to fit window or door openings of various sizes, thus enabling a person carrying a line of frames in stock to easily and expeditiously assemble the parts constituting either a screen-door or window-screen to accommodate door-openings and windows of various sizes.

With this and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, as will be hereinafter more fully described, and particularly pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a perspective view of my improved screen-frame, which may represent a window-screen or screen-door. Fig. 2 is a longitudinal vertical sectional view. Fig. 3 is a cross-sectional view, and Fig. 4 is a detail perspective view of one of the angular sections of the frame.

Referring to the drawings, 1 denotes a door-frame or window-screen frame composed of members 2, right angular from end to end and right angular in cross-section, nested together, as shown in Figs. 2 and 3, and each provided with a longitudinal row of apertures, whereby the frame may be adjusted laterally to increase its breadth or longitudinally to increase its height.

4 denotes a screen, and 5 denotes strips

which are placed against the rear side of the screen and act as nailing or riveting strips, fastened by means such as nails, screws being used in connecting the nested sections of the frame and passed through the aligned apertures in said nested sections, through the screen, and passing to the strips.

A cross-section strip 6 is provided and serves to prevent the screen fabric bagging intermediate its ends.

From the foregoing description, taken in connection with the accompanying drawings, the construction, operation, and advantages of the invention thus constructed will be apparent without requiring an extended explanation. It is obvious that by its construction the frame may be adjusted laterally to increase its breadth or vertically to increase its height, or both, thereby enabling it to be fitted to door or window openings of various sizes.

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

A screen-frame consisting of sections each comprising two legs at right angles to one another and L-shaped in cross-section, the legs of adjacent sections overlapping and closely registering one within the other, whereby an approximately flat surface is provided for attaching the screen fabric, and means for adjustably connecting said sections together, a screen fitted to the screen-frame, nailing-strips placed against the rear side of the screen, and fastening devices subserving the double function of connecting the nailing-strips and screen to the screen-frame and holding the sections of the screen-frame in their adjusted position, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

MILLER MESSER.

Witnesses:

H. H. CARTER,  
J. W. SCARFF.