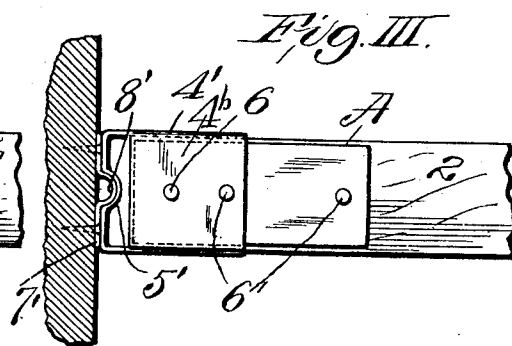
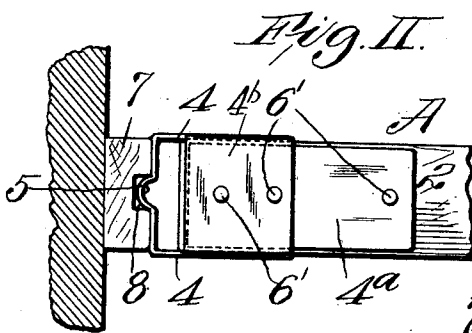
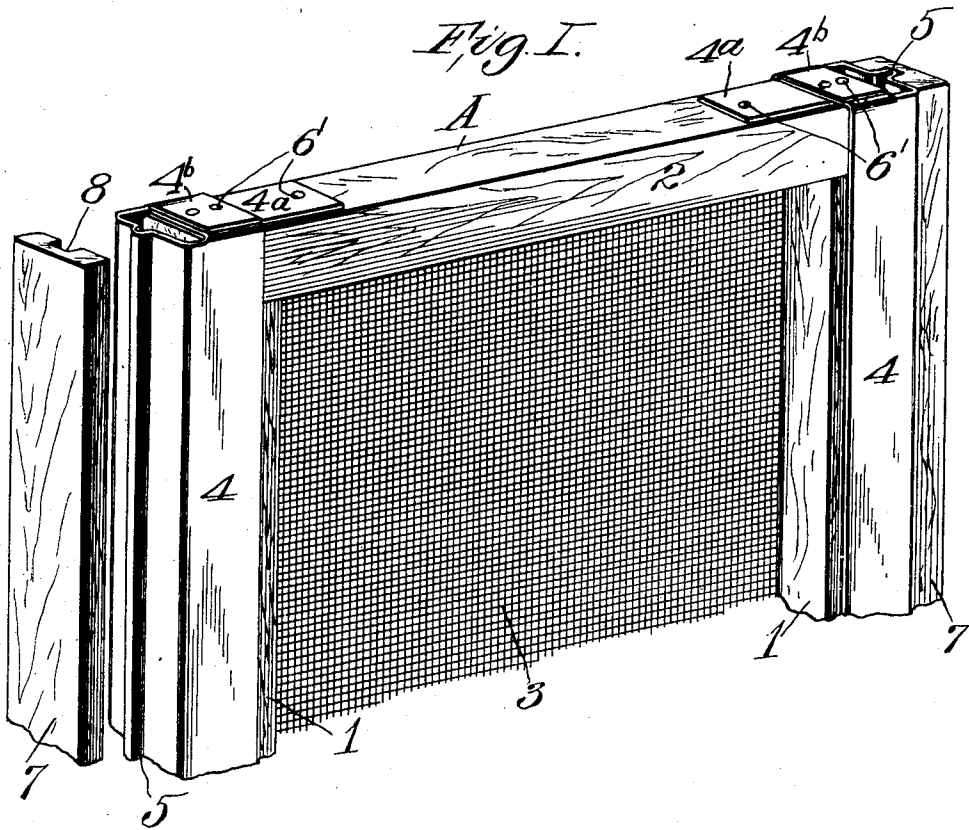


No. 826,384.

PATENTED JULY 17, 1906.

J. C. STEINER.  
ADJUSTABLE SLIDING WINDOW SCREEN.

APPLICATION FILED FEB. 3, 1906.



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# UNITED STATES PATENT OFFICE.

JOSEPH C. STEINER, OF ST. LOUIS, MISSOURI.

## ADJUSTABLE SLIDING WINDOW-SCREEN.

No. 826,384.

Specification of Letters Patent.

Patented July 17, 1906.

Application filed February 3, 1906. Serial No. 299,249.

*To all whom it may concern:*

Be it known that I, JOSEPH C. STEINER, a citizen of the United States, residing in the city of St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Adjustable Sliding Window-Screens, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to a window-screen having adjustable parts whereby any desired degree of width of the screen within certain limits may be secured in order that the screen may be fitted in a window-opening that is of greater width than the width of the screen proper.

Figure I is a perspective view of the upper portion of my screen and its guides. Fig. II is a top view of a portion of the screen shown as it appears when fitted to a window-frame. Fig. III is a similar view to Fig. II, illustrating a modification.

A designates the screen proper, which consists of side bars 1, a top bar 2, and a corresponding bottom bar constituting a frame, and a sheet 3 of wire fabric secured to said frame.

4 designates U-shaped adjustment strips or runners that are adapted to straddle the frame of the screen proper and each of which is provided with a longitudinal bead 5, which is located at the back of the strip or runner and is preferably produced by upsetting the metal of the strip. The adjustment strips or runners are adapted to be snugly fitted to the frame of the screen proper by having their wings straddle the frame. Each of the strips or runners 4 is provided at each end with a tongue 4<sup>a</sup>, attached to the strip and adapted to be secured to said frame by screws or nails 6' or other suitable means of fastening, which are inserted through the tongues and into the frame of the screen. The strips or runners 4 are each provided at its ends with flanges 4<sup>b</sup>, which are integral with the sides of the strips and are bent inwardly at angles to said sides, so that one of the flanges will overlap the other flange. The flanges are secured to each other and the tongues 4<sup>a</sup> are secured to the flanges by means of rivets 6, which are passed through said members

and serve to hold them combinedly in a rigid condition. The strips or runners 4 are preferably detached from the frame of the screen when the screen is offered for sale, and the user of the screen after determining the width of the window-frame in which the screen is to be used applies the strips or runners to the screen-frame and after adjusting them thereon to secure the desired width of the entire screen secures the strips or runners by inserting the fastening means 6'.

7 designates guides that are adapted to be nailed or otherwise secured to the window-frame in which the screen is to be used. These guides are preferably made of wood, and each contains a longitudinal groove 8, adapted to receive the bead 5 of the strip or runner 4, which fits therein for the purpose of directing the movement of the screen in raising and lowering it in the window.

In Fig. III, I have shown a modification in which the strips or runners 4' are of the same form as that previously described, with the exception that a groove 5' is formed in the strip or runner in lieu of the bead 5, said groove being adapted to receive the bead 8' of a metal guide-strip 7'.

I claim as my invention—

1. The combination with a window-screen, of a metallic runner therefor, comprising in a single piece, a substantially U-shaped body portion, a longitudinal rib extending therefrom and a pair of endwardly-extending tongues on each end of said runner by which it is adapted to be rigidly attached to the top and bottom rails of a window-screen, and a rectangular tongue by means of which said runner is reinforced and a more rigid combination with the screen secured.

2. A metallic runner for window-screens symmetrically constructed of a single piece and comprising a main body portion of substantially U-shaped cross-section, a beaded rib protruding therefrom throughout its length and a plurality of endwardly-extending pieces adapted to be bent over and rigidly attached to the top and bottom rails of a window-screen.

JOSEPH C. STEINER.

In presence of—

E. S. KNIGHT,  
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