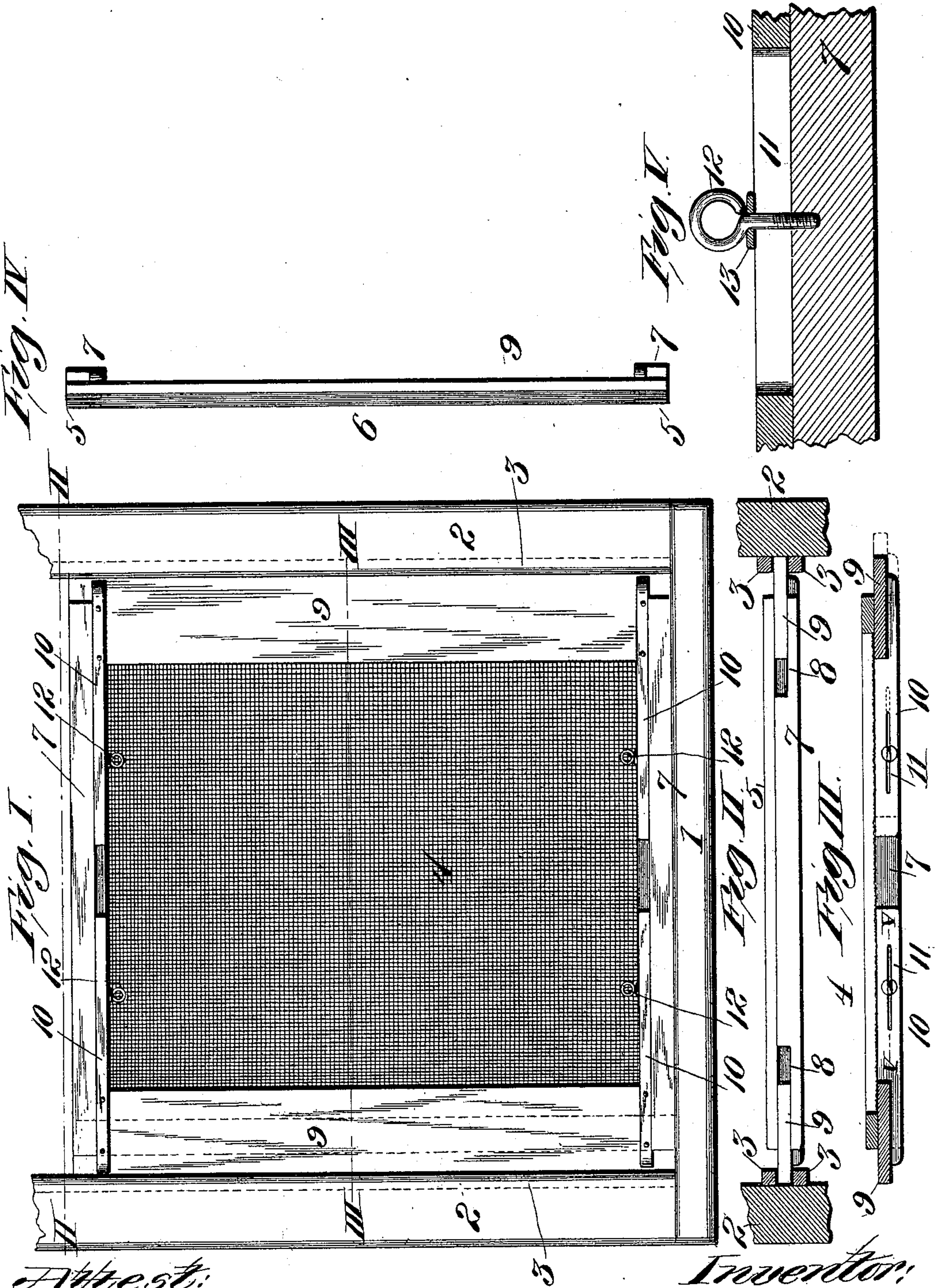


(No Model.)

J. SHANKEY.  
SLIDING WINDOW SCREEN.

No. 565,304.

Patented Aug. 4, 1896.



Attest:

H. Finley.

C. L. Frederick.

Inventor:

John Shankey

By Wright, Bro

Atty's.



# UNITED STATES PATENT OFFICE.

JOHN SHANKEY, OF ST. LOUIS, MISSOURI.

## SLIDING WINDOW-SCREEN.

SPECIFICATION forming part of Letters Patent No. 565,304, dated August 4, 1896.

Application filed November 29, 1895. Serial No. 570,523. (No model.)

*To all whom it may concern:*

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

My invention relates to an improved adjustable sliding window-screen, and has for its object the formation of a screen arranged to adjustably fit in guideways formed by strips secured to the window-frame exterior of the window-sashes and to slide entirely independent of either sash.

My invention consists in features of novelty hereinafter fully described, and pointed out in the claims.

Referring to the drawings, Figure I illustrates an elevation of the lower portion of a window-frame and my improved screen shown within the frame. Fig. II illustrates a horizontal section taken on line II II, Fig. I, through the window-frame and guide-strips and shows a top view of the screen. Fig. III is a horizontal section taken on line III III, Fig. I, through the window-screen. Fig. IV is an edge view of the screen. Fig. V is an enlarged detail section taken on line V V, Fig. III, through the upper or lower strip of the screen-frame and through one of the strips carried by the adjustable side wings and shows the set-screw by which the wing-strip is secured.

In the drawings, 1 designates a window-sill, and 2 sides of a window-frame.

3 designates the guide-strips in which the screen operates. These guide-strips are located entirely outside of either of the window-sashes, and therefore the screen may be raised or lowered without conflicting with either sash, and hence when the screen has once been adjusted to the proper size, with its wings fitting in the guideways between the strips 3, it may remain in position throughout the season without being disturbed, except to slide it up and down in the guideway, when it is

desired to change its position for such purposes as the washing of windows.

Referring now to the screen, 4 designates a sheet of wire-gauze, which is suitably connected to a screen-frame, consisting of upper and lower bars 5 and side bars 6. Located at one side of the upper and lower bars 5 are strips 7, whose interior sides, at the ends, are cut away to provide grooves 8.

9 designates side wings that fit in the grooves 8 and are adapted to operate in the guideways between the strips 3, the wings 9 carrying slide-strips 10, provided with slots 11, there being one of said slide-strips at each end of each of the wings 9, as is clearly illustrated in Fig. I. The slots 11 are adapted to receive set-screws 12, provided with washers 13, the points of which set-screws are screwed into the inner sides of the strips 7. By this arrangement of slot and set-screw connection of the strips 10 to the strips 7 the sliding strips 10 are permitted to move the distance of the length of the slots 11 to allow of the inward and outward movement of the wings 9. Thus when the screen has been placed in position the side wings 9 are pressed outward until they neatly fit within the guideways between the strips 3, when the set-screws 12 are tightened to bring the washers against the outer surface of the slide-strips 10 and by so doing clamp the slide-strips tightly against the strip 7.

A screen constructed in accordance with my invention is of very efficient construction, is inexpensive in regard to manufacture, and is so simple that it is practically impossible for any of the parts to get out of order.

I claim as my invention—

1. In a window-screen, the combination of a frame composed of top, bottom and side strips, a sheet of screen material secured to said frame, side wings, slide-strips carried by said wings, said slide-strips being arranged to rest against the inner sides of the top and bottom strips of said frame, and provided with slots, and set-screws arranged in said slots, and screwed into said top and bottom strips, whereby said slide-strips may be held from movement, substantially as described.

2. A sliding window-screen comprising the guide-strips, a frame having upper, lower, and side bars, the strips provided with end grooves and located at one side of the upper  
5 and lower bars, the side wings fitting in the end grooves and adapted to slide within the guide-strips, the sliding strips provided with

slots and secured to the wings, and the set-screws working through the slots of the sliding strips; substantially as described.

JOHN SHANKEY.

In presence of—  
E. S. KNIGHT,  
W. FINLEY.