

J. JACKSON.

Improvement in Screen-Frames for Windows.

No. 126,966.

Patented May 21, 1872.

Fig. 1.

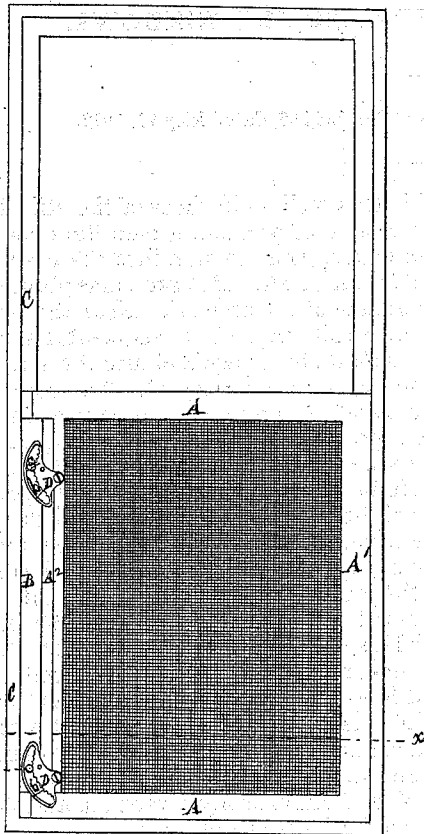


Fig. 2.

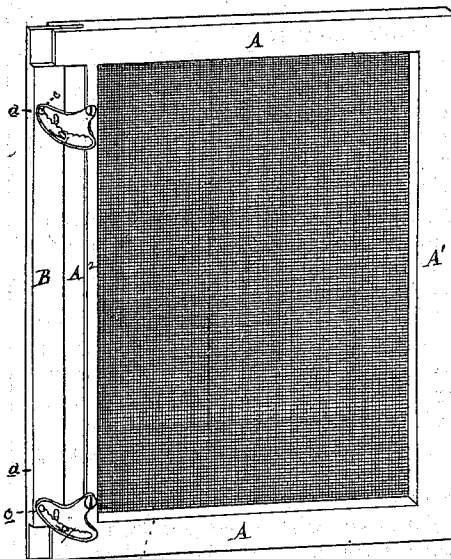
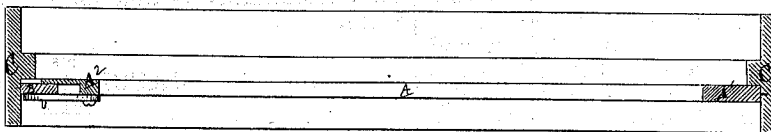


Fig. 3.



Witnesses:

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per attorney
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UNITED STATES PATENT OFFICE.

JACOB JACKSON, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN SCREEN-FRAMES FOR WINDOWS.

Specification forming part of Letters Patent No. 126,966, dated May 21, 1872.

To whom it may concern:

Be it known that I, JACOB JACKSON, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in an Adjustable Screen-Frame for Windows; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon and being a part of this specification, in which—

Figure 1 is a perspective view of my screen-frame placed in a window. Fig. 2 is a similar view of my screen-frame detached, and Fig. 3 is an enlarged horizontal section on the plane *xx* in Fig. 1.

Like letters refer to like parts in each figure.

This invention has for its object to so construct the frames of window-screens which are covered with wire cloth or gauze that they may readily be secured in window-frames of various widths; and it consists in constructing the screen-frame with a movable stile at one side, tongued and grooved into the edge of the stile proper, so that it may be extended laterally from it and secured in position; or pressed against the window-frame by cams of the construction more fully hereinafter set forth.

In the drawing, A represents the top and bottom rails, and A¹ the side stile of a screen-frame as ordinarily made, and A² the remaining stile thereof, which is set in a little from the ends of the rails, and tongued on its outer edge, to receive the groove in the edge of a supplementary stile, B, in the outer edges of

which, as well as in those of the stile A¹, there is a couple of projecting metallic pins, *a*, short and sharp, so as to sink into the casing of the window-frame C. D D are cams pivoted to the inner side of the stile A². Near the periphery of each cam there is a segmental slot, *b*, serrated on its inner leg, and into the slot projects a pin, *c*, from the stile A². The screen-frame is covered with wire cloth or gauze in the usual manner. The stile B being contracted against the stile A², the frame may be introduced into a window-frame; the stile A¹ being pressed to the right, its pins *a* are forced into the jamb of the frame C; the stile A² can now be forced outwardly by the cams *b*, which press the pins *a* into the jamb or casing on that side, and hold the device fast in place. The serrations on the inner legs of the slots engaging with the studs *c*, the cams are prevented from rolling back and loosening the pressure on the stile B.

In this way these screens, so desirable for use in summer time, are rendered available for windows of various widths.

What I claim as my invention, and desire to secure by Letters Patent, is—

In combination with the stiles A² and B, the cams D, constructed, arranged, and operating substantially as and for the purpose set forth.

his
JACOB + JACKSON.
mark.

Witnesses:

IKE TURNER,
WM. H. LOTZ.