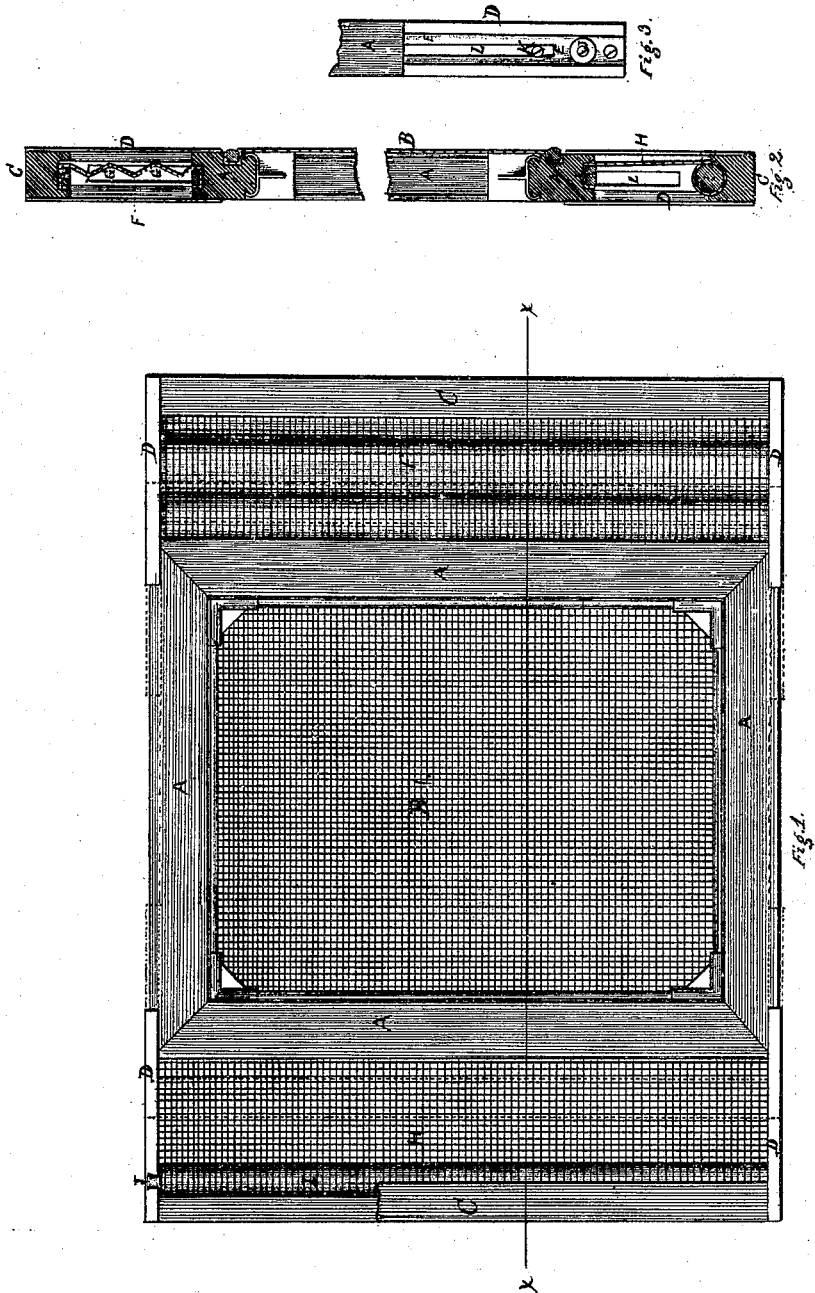


C. F. Linscott,

Window Screen.

No. 113537.

Patented Apr. 11, 1871.



Witnesses:
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CHARLES F. LINSKOTT, OF CHICAGO, ILLINOIS.

Letters Patent No. 113,537, dated April 11, 1871.

IMPROVEMENT IN WINDOW-SCREENS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, CHARLES F. LINSKOTT, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Adjustable Window-Screen; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawing forming a part of this specification.

Figure 1 is a plan view of my improved window-screen extended to its fullest capacity, and partly broken away to show the construction.

Figure 2 is a longitudinal section of the same in the line *x x*, fig. 1.

Figure 3 is a plan view of one of the adjustable slides applied to a section of the main frame.

Similar letters of reference indicate corresponding parts in the several figures of the drawing.

My invention has for its object to provide a window-screen which can be adjusted laterally for adaptation to windows of different sizes; and, to this end,

It consists, primarily, in the arrangement, with the main screen, of supplemental frames and screens of peculiar construction, adapted for adjustment to accommodate windows of different sizes upon opposite sides of the main frame, as will be hereinafter more fully described.

In the accompanying drawing—

A is a quadrangular or other suitably-formed frame, composed of wood or other proper material, and covered with a wire or netting screen, B.

Upon opposite sides or edges of the main frame supplemental frames are formed by means of the rails C, secured to the main frame between the outer ends of metallic slides D.

These slides are, each struck up with side flanges, which fit over the top and bottom rails of the main frame, and with a central tongue, E, adapted to fit and slide within grooves formed in the edges of said rails.

The spaces between the rails C and main frame are filled with wire-gauze or mosquito-netting, as found desirable.

In fig. 1, the screen F is composed of wire, and in order to adapt the same for folding up, it is creased or bent to form folds similar to the folds of a fan, as shown at G, fig. 2, to admit of its being closed within a small compass when the rail G is moved toward the main frame, as shown in dotted lines, fig. 1.

The screen H, also shown in fig. 1, is formed of netting, one edge being secured to the side of the main frame and the opposite edge to a roller, I, placed within a circular recess in the inner edge of the rail C, and having its bearings in the metal slides.

When this rail is moved toward the main frame to the position shown by dotted lines the netting is rolled

upon the roller by any suitable means applied to the journals of the latter.

In this example of my invention I have shown screws J in the journals of the roller, projecting through the metal slides, which, being operated by a screw-driver, turn the roller to wind up the netting. The netting is, of course, unwound by the act of extending the supplemental frame.

The supplemental frames are locked in a closed or extended position by means of the adjusting-screws K in the main frame, passing through longitudinal slots L in the slides, as shown in fig. 3.

The flanges upon the slides E extend over the upper and lower ends of the screens in the supplemental frame, to protect the same and to exclude dirt or insects.

If desired, the slides may be formed without the flanges and tongue; but I prefer this construction, as it serves to render their operation more uniform and exact.

By my invention I am enabled to supply window-screens to the trade which can be adjusted to any sized window with the utmost accuracy and despatch.

I design to manufacture them in three sizes, to include the small windows of dwelling-houses and the larger windows of stores, &c.

A special advantage derived from the construction of my improved screen is that the main frame, occupying comparatively a large space in the center of the screen, the view through the netting or gauze is unobstructed by the rails or other parts of the supplemental frames.

I do not claim, broadly, an adjustable window-screen, as I am aware the same is not new.

Having thus described my invention,

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

1. The supplemental frames and screens, arranged for adjustment upon opposite sides of the main frame, substantially as shown and described, for the purpose specified.

2. The combination of the folding wire-screen F, with the supplemental frame and the main frame A, substantially as described, for the purpose specified.

3. The combination of the roller I with the supplemental frame, the netting-screen H, and the main frame A, substantially as described, for the purpose specified.

4. The adjustable slides D, constructed substantially as described, in combination with the rails C and the main frame A arranged as shown, for the purpose specified.

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