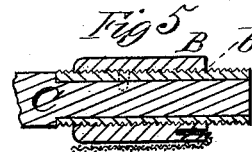
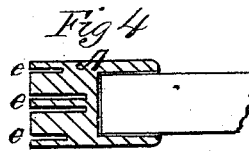
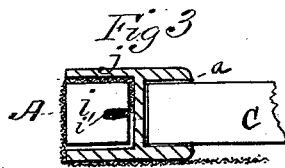
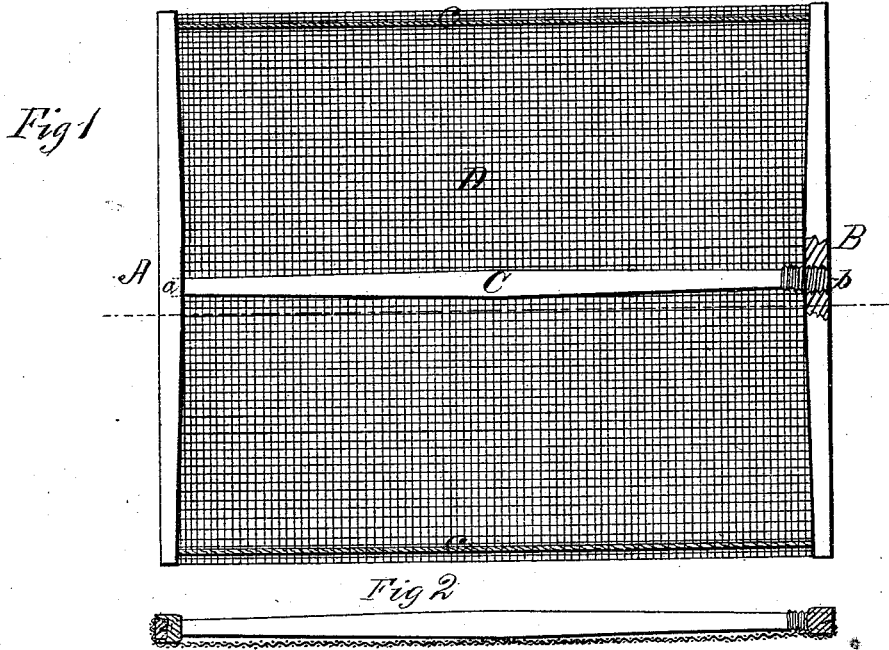


L. D. LOCKWOOD.
Window-Screen.

No. 161,419.

Patented March 30, 1875.



WITNESSES
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UNITED STATES PATENT OFFICE.

LORENZO D. LOCKWOOD, OF CHARLESTOWN, NEW HAMPSHIRE.

IMPROVEMENT IN WINDOW-SCREENS.

Specification forming part of Letters Patent No. **161,419**, dated March 30, 1875; application filed February 13, 1875.

To all whom it may concern:

Be it known that I, LORENZO D. LOCKWOOD, of Charlestown, in the county of Windham and State of New Hampshire, have invented a new and valuable Improvement in Mosquito-Screens; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a plan view of my device. Fig. 2 is a sectional view of the same, and Figs. 3, 4, and 5 are detail views.

This invention has relation to mosquito-screens for the prevention of insects from penetrating through an open window into the interior of a room; and the nature of the invention consists in certain novel means whereby the said net is rigidly but detachably secured to the edge-bars, all as will be herein-after more fully explained.

In the annexed drawings, A designates one and B the other of two preferably-wooden bars, one of which is provided on its inner rounded and thickened edge with a cylindrical recess, *a*, and the other on its similarly-rounded edge with a screw-threaded perforation, *b*. Recess *a* is in the nature of a socket, and is designed to receive a correspondingly-shaped end of a tension-rod, C, which has

upon its other end a screw-threaded ferrule, adapted to be received in screw-threaded perforation *b* of the rod B, as shown in Fig. 1. Bar A is composed of two parts—a rectangular strip, *i*, and a U-shaped piece, *j*, within which the former is adapted to be received, as shown in Fig. 3. Strip *i* is provided with a deep narrow groove, *i'*, into which the edge of the net D is forced. One or more turns is then given to the said strip, when it, along with the folds of the net, is forced into the U-shaped strip *j*, when the said bar will present the appearance in cross-section shown in Fig. 3. The opposite edge of the net D is forced into a similar groove, *l*, in the outer surface of the bar B, as shown in Fig. 5.

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

1. The strip *i*, having the groove *i'*, for the reception of the net D, in combination with the bar A, having the recess *j*, as described.

2. The bar A, having the recesses *a* *j*, the strip *i*, provided with the groove *i'*, and the bar B, having the groove *l*, in combination with the tension-rod C, substantially as described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

LORENZO D. LOCKWOOD.

Witnesses:

W. S. SPALDING,
I. H. WILLIAMS.