

L. E. LADD.
MOSQUITO-BAR.

No. 176,322.

Patented April 18, 1876.

Fig. 1.

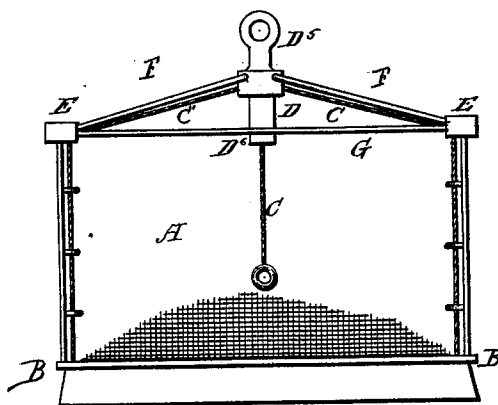
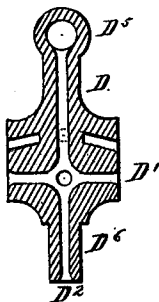


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

LEONARD E. LADD, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN MOSQUITO-BARS.

Specification forming part of Letters Patent No. **176,322**, dated April 18, 1876; application filed March 23, 1876

To all whom it may concern:

Be it known that I, LEONARD E. LADD, of the city and county of Philadelphia and State of Pennsylvania, have invented an Improvement in Mosquito-Bars—also applicable to screens for protecting goods from dust and insects; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings and letters of reference marked thereon.

The object of my invention is to furnish a simple and inexpensive screen or net, and tackle by which it can be raised and lowered quickly without injury to or wear of the netting.

Figure 1 shows an elevation of a screen containing this improvement, and Fig. 2 the central tackle-block thereof, on an enlarged scale, in vertical section.

The same letters of reference apply to the same parts in the several figures.

A represents the cover or screen, formed, preferably, of gauze or bobbinet. At or near the lower edge of the cover A is a ring or hoop, B, which, by its form and weight, holds the lower part of the net down and in proper form to cover the bed or other article beneath it. D is a block having smooth radiating apertures D¹ in it, communicating with a central vertical aperture, D². Through the radiating apertures D¹ are cords C', which, pass-

ing through smooth apertures E' in the corner-blocks E, are attached to the hoop or ring B. The cords C' are united in one cord, C, which passes through the central aperture D², and terminates in a tassel, ball, or other convenient form of handle. The corner-blocks E are united with the central block D by rods F inserted in suitable apertures in the blocks E and D, and the several blocks E are braced to each other by the rods G, inserted in suitable apertures in E.

The blocks D and E are preferably made of glass, but may be made of wood or metal.

The rods F and G are preferably made of tubes or wire, but may be made of wood or cane.

The upper part D⁵ of the block D is formed with an eye or hook for suspending it, and the lower part D⁶ is formed in a stem for supporting it, by insertion in a supporting pillar or bracket.

When in use the cords C and C' serve to raise and lower the screen.

What I claim as my invention is—

The block D constructed with smooth radiating apertures and a central aperture, adapted to guide diverging cords, as and for the purpose set forth.

LEONARD E. LADD.

Witnesses:

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