

I. A. ABBOT.

APPARATUS FOR ADJUSTING MOSQUITO-BARS.

No. 174,400.

Patented March 7, 1876.

Fig. 1

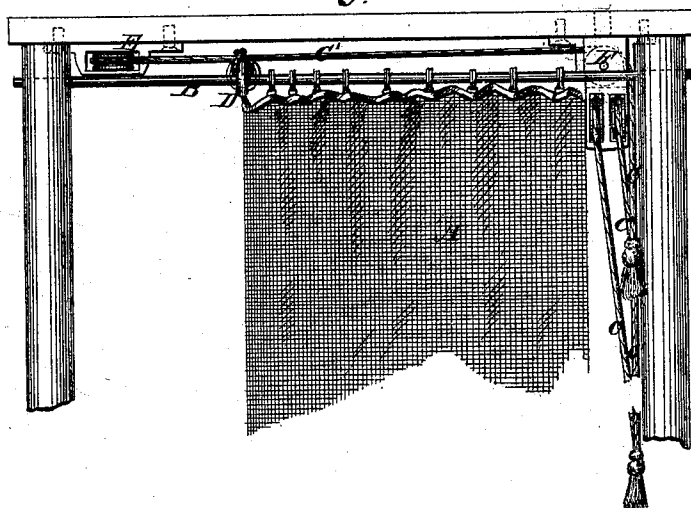


Fig. 4



Fig. 2

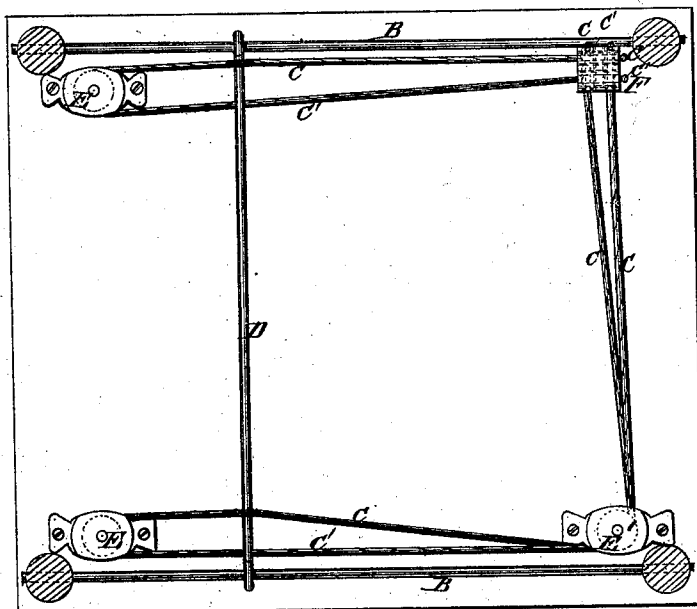
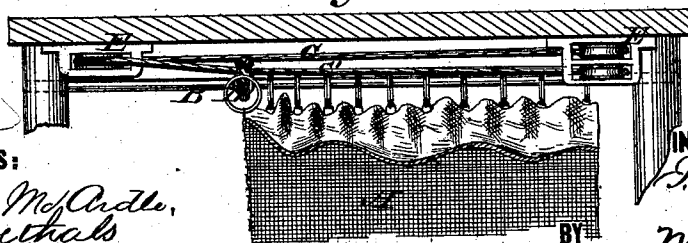


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ISAAC A. ABBOT, OF NEW ORLEANS, LOUISIANA.

IMPROVEMENT IN APPARATUS FOR ADJUSTING MOSQUITO-BARS.

Specification forming part of Letters Patent No. **174,400**, dated March 7, 1876; application filed December 27, 1875.

To all whom it may concern:

Be it known that I, ISAAC ATWOOD ABBOT, of New Orleans, in the parish of Orleans and State of Louisiana, have invented a new and Improved Mosquito-Bar Adjusting Apparatus, of which the following is a specification:

My invention consists of a small pulley near each foot and corner of the "tester," on the under side, through which run cords connecting with the traveling rod, and running through other pulleys at the head of the bed, and terminating in a knot or tassel, which, being pulled down, will draw the traveling rod to the foot of the bed, and thus extend the mosquito-netting, which is attached to the rod; and other cords, also connected to the traveling rod, run directly to the pulleys at the head of the bed, and terminate in a hanging knot or tassel for pulling the traveling rod up to the head of the bed, for gathering up the netting thereat when it is not required to be spread. The object is to provide contrivance whereby the netting can be worked more conveniently and with less damage, by local strains than it can by hand.

Figure 1 is a side elevation of the apparatus for suspending and adjusting the mosquito-bar. Fig. 2 is a horizontal section. Fig. 3 is a sectional elevation; and Fig. 4 is a perspective view of one of the pulley-blocks.

Similar letters of reference indicate corresponding parts.

A represents the bar or net, which is suspended from the rod B, and also from the traveling rods D, which slides backward and forward on rods B, and is actuated by cords C and C', the rods C being extended directly from it to pulley-block F, through which they pass, one of them going through the guide-pulley E'. From the block F they are suspended so as to be reached readily for gathering up the bar at the head of the bed. The cords C' pass from the traveling rod to the foot end of the bed, where they pass around guide-pulleys E, and then go back through pulley-blocks F, and are suspended from the same as the others, for pulling the bar from the head to the foot of the bed, thus making a simple and efficient contrivance for working the bar.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination of cords C C', guide-pulleys E and E', and the pulley-block F with the traveling rod of a mosquito-bar frame, substantially as specified.

ISAAC ATWOOD ABBOT.

Witnesses:

ANDREW HERO, Jr.,
GEO. FERRAS.