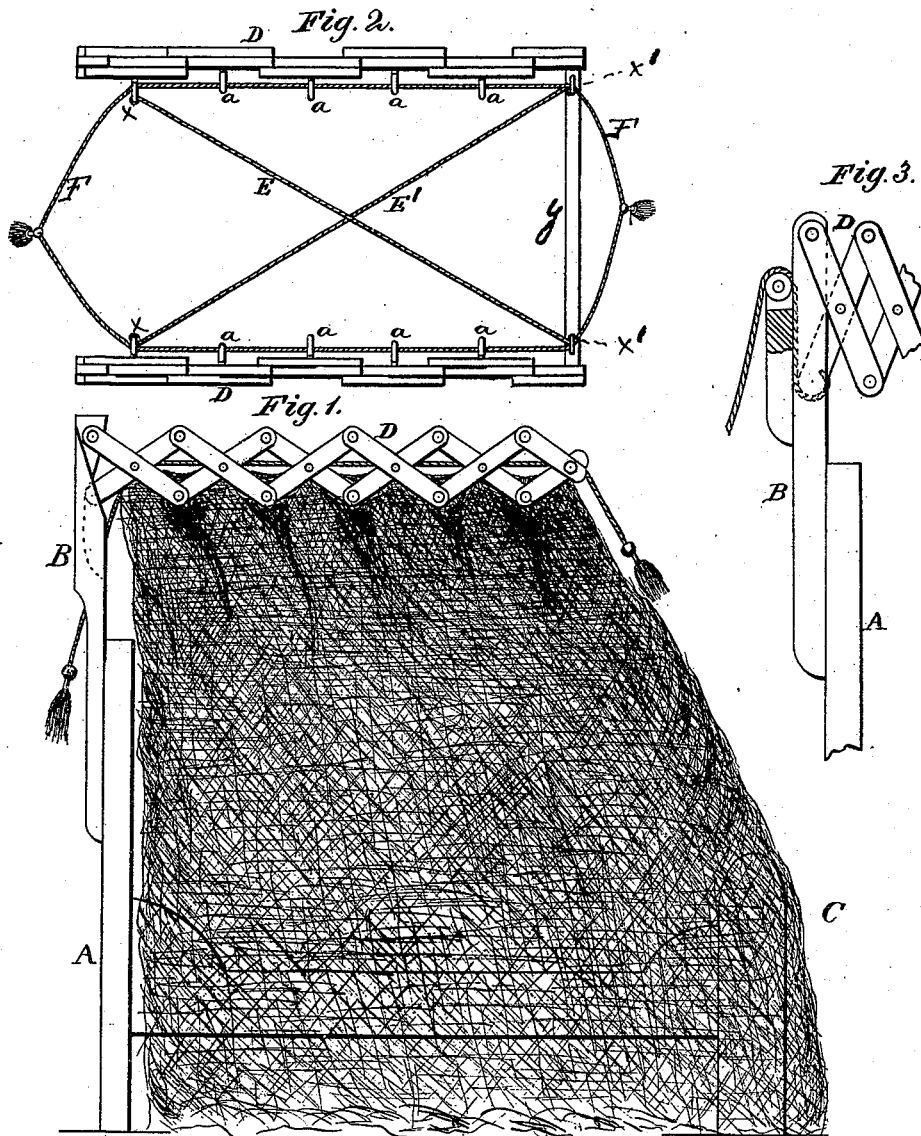


J. F. O'SULLIVAN & E. BLOOM.
Mosquito-Bar Frames.

No. 204,243.

Patented May 28, 1878.



WITNESSES

Henry N. Miller
C. L. Ewert

INVENTOR

J. F. O'Sullivan & E. Bloom,
By Alexander D. Mott
Attorneys

UNITED STATES PATENT OFFICE.

JEREMIAH F. O'SULLIVAN AND ELIAS BLOOM, OF JACKSON, MISSISSIPPI;
(ELIAS BLOOM FOR HIMSELF AND AS ADMINISTRATOR OF J. F. O'SULLIVAN, DECEASED.)

IMPROVEMENT IN MOSQUITO-BAR FRAMES.

Specification forming part of Letters Patent No. **204,243**, dated May 28, 1878; application filed January 16, 1878.

To all whom it may concern:

Be it known that we, JEREMIAH FRANCIS O'SULLIVAN and ELIAS BLOOM, of Jackson, in the county of Hinds, and in the State of Mississippi, have invented certain new and useful Improvements in Mosquito-Bar Frames; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of the invention consists in the construction and arrangement of a device for supporting and adjusting a mosquito-net over a bed, the peculiarity of which will be hereinafter more particularly described.

In the accompanying drawings, which make a part of this specification, Figure 1 is a side view with the bar extended; Fig. 2, a top view, and Fig. 3 view of a portion of the lazy-tongs.

In the figures, A represents the bed-post, and B an attachment to same, being an extension-piece, to which the bar and its connections are attached, and which is secured to the post by means of screws or bolts, or in any other suitable manner.

These attachments, which will be usually connected to the head-posts of the bed, have secured to them the lazy-tongs D D. These lazy-tongs, which consist of a series of bars pivoted together in such a manner that they can readily be extended or contracted, are covered with a mosquito-net and provided with cords E E', which are crossed, as seen in Fig. 2, with the ends of each cord connected at x' to eyes on the cross-bar y , connecting the lazy-tongs, and to eyes $x x$ on the opposite end of the frame, by means of which they are readily operated.

The joints of the tongs are provided with eyes $a a$, through which is passed a continu-

ous cord, F, connected to the eyes on the cross-bar and extending in front of the head and over the foot of the bed, so as to be within reach to operate, so that the lazy-tongs may be contracted or expanded by drawing at the proper end—at the back end for contracting and at the foot or forward end for expanding.

It will thus be seen that three cords are used, those, E and E', which cross each other being connected to eyes x and x at the extreme points of the frame, and act as guys to steady the same and prevent the top of the net from sagging, and the continuous cord F, which passes through the eyes a in the lazy-tongs, and is fastened to the eyes x on the cross-bar, for operating the lazy-tongs in either direction.

The net C, of course, extends over the bed when the lazy-tongs are extended, and is removed from it when the tongs are contracted.

The attachments B may be connected to the wall instead of the bed-posts, and they will support the lazy-tongs as well.

We disclaim a mosquito-net frame operated by a pair of lazy-tongs, as such is broadly not our invention.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The combination of the attachment B, the lazy-tongs D, having eyes $a a$, and the cord F, arranged as described, with a mosquito-net, whereby the same can be operated from either the head or foot of the bed, as set forth.

In testimony that we claim the foregoing we have hereunto set our hands this 28th day of February, 1876.

J. F. O'SULLIVAN.
E. BLOOM.

Witnesses:

JOHN MCGILL,
JAS. W. CLINT.