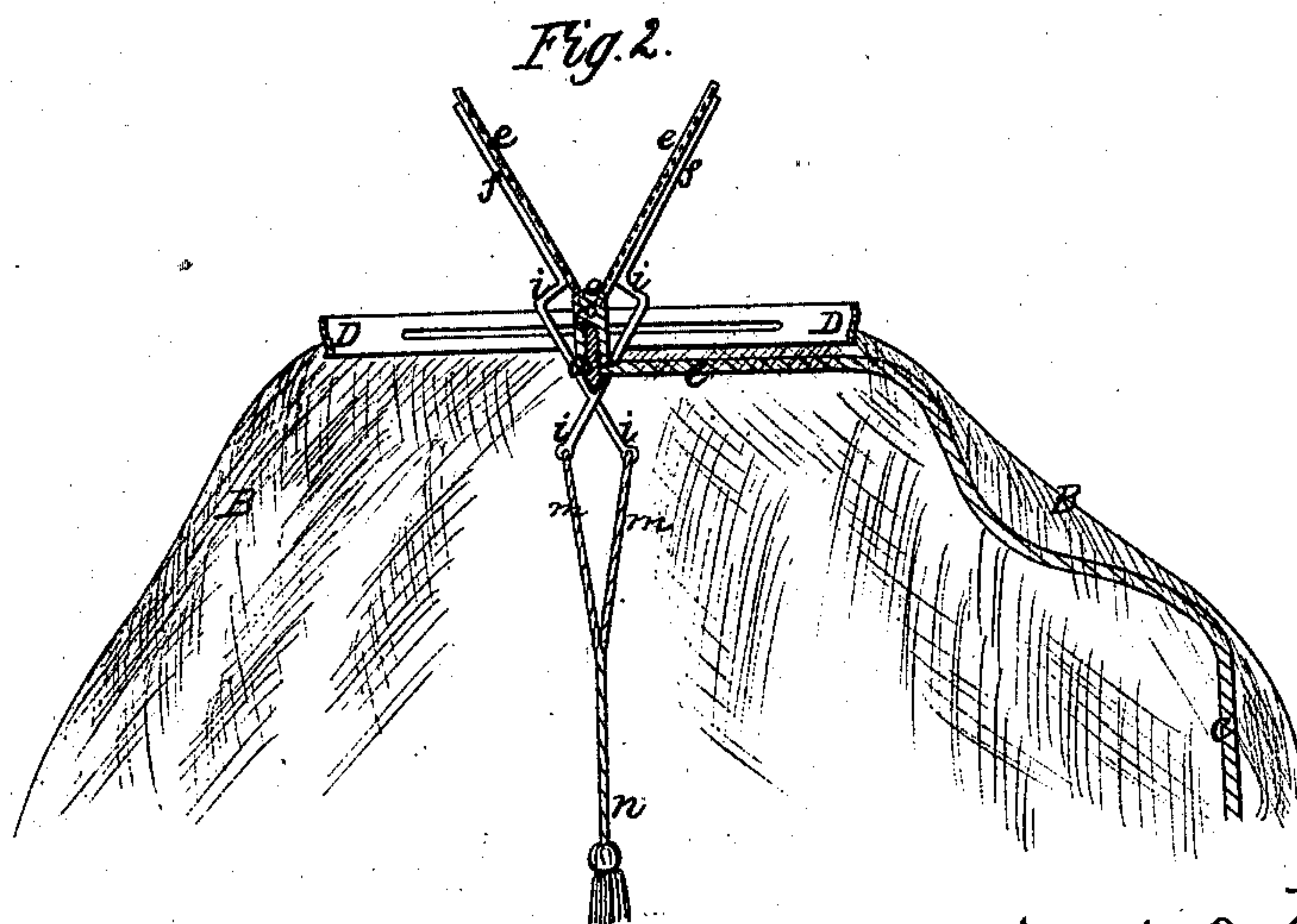
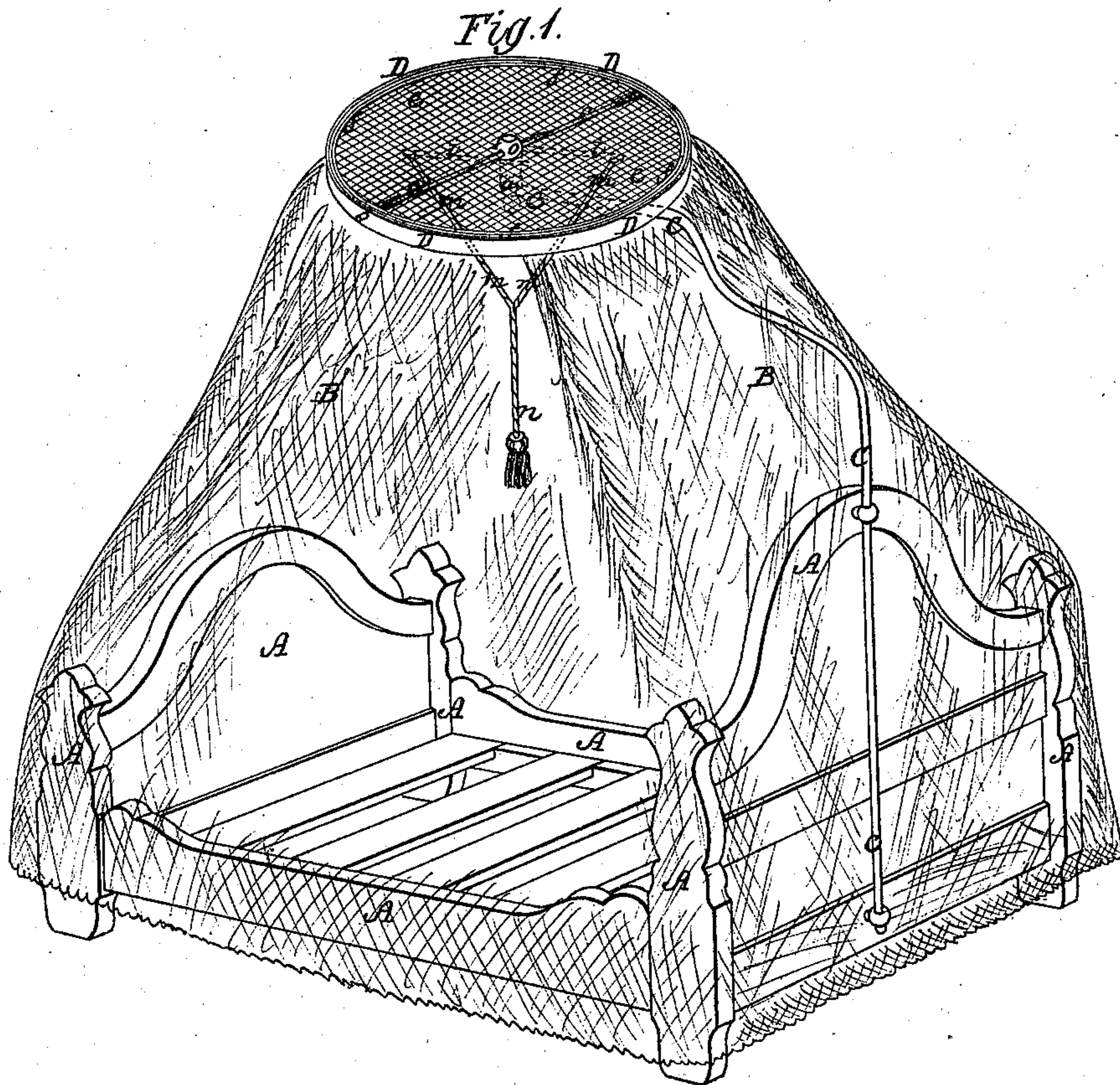


*J.B. Platt.*

*Mosquito Net.*

*Nº 87,589.*

*Patented Mar. 9, 1869.*



*Witnesses,  
Chas. Page  
Samuel Masson*

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By Atty. A.B. Sloughton*



# United States Patent Office.

JACOB B. PLATT, OF AUGUSTA, GEORGIA.

Letters Patent No. 87,589, dated March 9, 1869.

## IMPROVED CANOPY OR MOSQUITO-BAR.

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, JACOB B. PLATT, of Augusta, in the county of Richmond, and State of Georgia, have invented a new and useful Improvement in Canopies for Mosquito-Bars, whether used on or over a bed, or in a tent or other shelter; and that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents, in perspective, the application of my invention to beds, from which it will be seen how it may be used for a mosquito-guard or tent elsewhere.

Figure 2 represents a section through a portion of the appliance, as seen in fig. 1.

Similar letters of reference, where they occur in the separate figures, denote like parts of the contrivance in both of the drawings.

Though beds may be guarded by mosquito-bars, the insects will get inside of the bars, and no convenient means has heretofore been essayed for getting them out. The only plan was to let down the bar, to drive out the mosquitoes, that of trying to brush or fan them out, whilst the bars were up, not succeeding, as the insects could find no place to get out through, and were only driven from one part of the bar to another, but still under it.

My invention consists in a canopy or top for mosquito-bars, or guards, which is covered with the gauze or other material used, but which has one or more hinged flaps or parts, connected to or with it, so that an opening may be made from under the bar to the exterior thereof, for allowing mosquitoes that have gotten underneath the bar, to escape, or be driven through, as will be explained.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawings.

A represents a bedstead, to which the mosquito-bar B is attached, but the latter may be suspended from the ceiling of the room, or attached to a bracket extending from the wall of the room, or held up by any of the well-known ways or appliances.

I have, in the drawings, represented the guard or bar as held by a bracket, C, secured to and extending up and over the bedstead, as shown, the upper end of said bracket having upon it a sleeve or screw-nut, *a*, for holding the canopy D, to which the gauze or netting B is attached.

The canopy D is composed substantially of a ring, of wood or metal, or parts of each, or of any other ma-

terial used for frames, hoops, or rings, and may be gilded or highly ornamented by mouldings or other ornamentation; and across the ring, hoop, frame, or band, there is a rod, *c*, to which are pivoted the two flaps *e*, which are made of a light skeleton-frame, *f*, and covered with gauze, or any other mosquito-proof covering.

To each of these flaps *e* there is connected a bent rod, arm, or lever, *i*, and to each lever a cord, *m*, is connected, which two cords are united, and terminated with a single cord and tassel, *n*, the tassel being ornamental and easily caught in the hand.

By drawing upon the cord *n*, and through it the cords *m*, the flaps *e e* are raised up, as shown in fig. 2, leaving the whole canopy open, or nearly the whole of it. Whilst so held open, a fan or brush can be used underneath the bar, and the insects driven through the opening in the canopy. On releasing the cord or cords, the flaps drop into place, and close up the bar.

I have shown the canopy as fastened on top of the sleeve or screw-nut *a*, which causes the bar to hang around the outside of the bedstead.

The canopy can just as well be secured to the under side of said sleeve or head *a*, and then the bar would hang on the inside of the bedstead. The user can arrange it either way.

Instead of two flaps or openings, one only can be used, and I so propose to make some of the canopies.

And whether the mosquito-guard or bar be used for a bed, tent, or any other occupied place, I should claim this canopy, capable of being opened to allow the insects to be fanned, brushed, or otherwise driven out or allowed to escape.

The bar may be secured to the canopy by an elastic or other cord, or in any other known manner, and all may be removable and replaceable at pleasure.

*o* is a hub, or centre in the canopy, by which it may be attached to the head *a*.

Having thus fully described my invention,

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

A bed, tent, or mosquito-bar canopy, having one or more covered openings in or through it, and suitable appliances by which they can be opened or uncovered, so that any insects inside of the bar may be driven out or allowed to escape through such openings, substantially as and for the purpose described.

JACOB B. PLATT.

Witnesses:

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