

(No Model.)

D. STEINBERG.
MOSQUITO AND FLY PROTECTOR.

No. 356,015.

Patented Jan. 11, 1887.

Fig. 1.

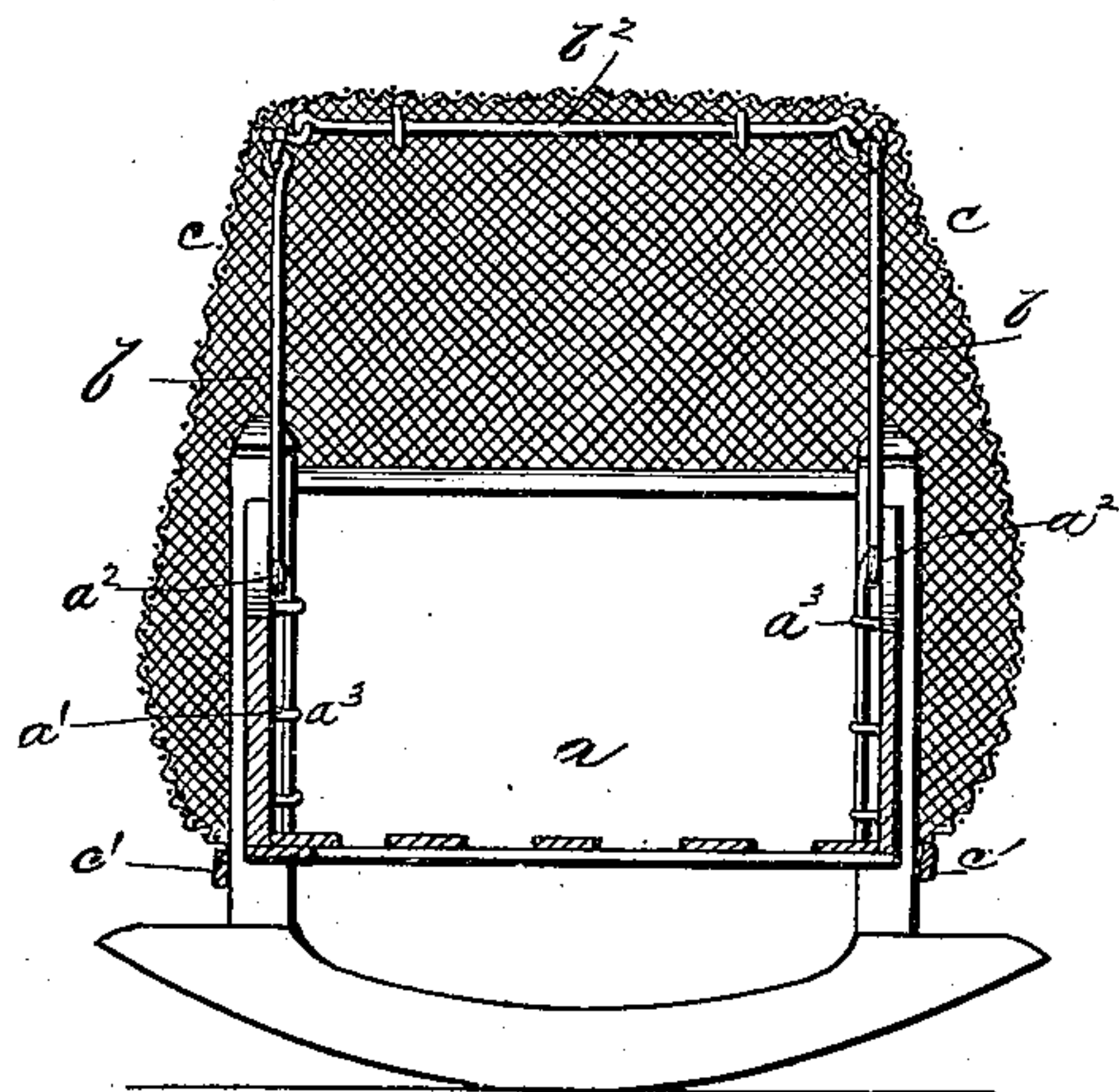
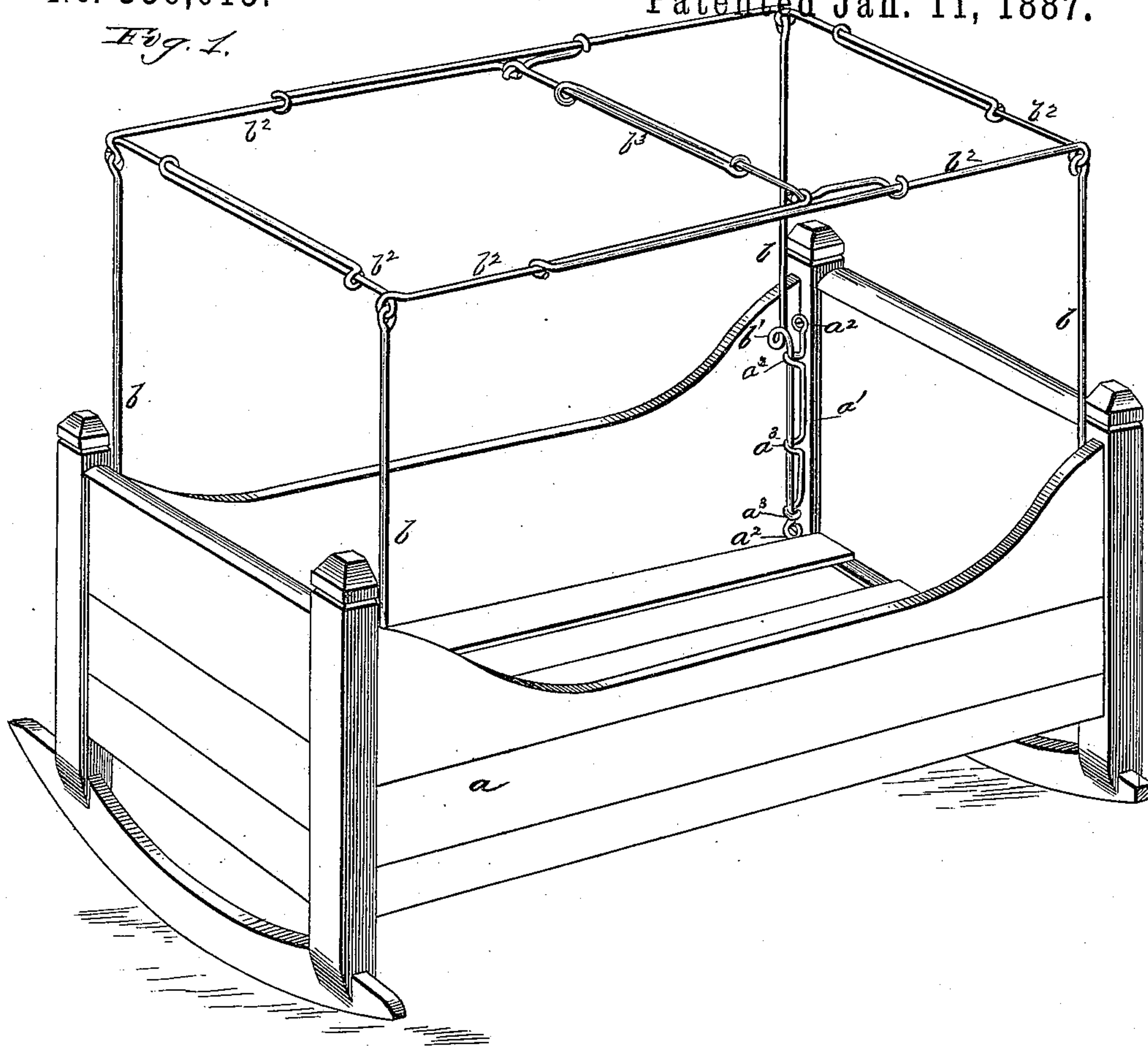


Fig. 2.

Witnesses.
H. C. McArthur
J. S. McArthur

Inventor.
David Steinberg
per
H. Harrison
Attorney.

UNITED STATES PATENT OFFICE.

DAVID STEINBERG, OF CHICAGO, ILLINOIS.

MOSQUITO AND FLY PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 356,015, dated January 11, 1887.

Application filed May 6, 1886. Serial No. 201,276. (No model.)

To all whom it may concern:

Be it known that I, DAVID STEINBERG, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Mosquito and Fly Protectors, of which the following is a specification, to wit:

This invention relates to mosquito and fly protectors; and it consists in certain peculiarities of the construction and arrangement of the same, substantially as will be hereinafter more fully set forth and claimed.

In order to enable others skilled in the art to which my invention pertains to make and use the same, I will now proceed to describe its construction and operation, referring to the accompanying drawings, in which—

Figure 1 is a perspective view of a bed with my device in use. Fig. 2 is an end view of the bed with the screen thrown over the frame.

a represents a bedstead, of any usual or desired size or shape. In each corner of the same I secure a socket, a' , preferably formed of wire, bent to form eyes a^2 at its ends for the passage of screws, and having its body twisted into two or more loops or eyes, a^3 , which form the supporting guides or sockets for the canopy-frame. This frame, for economy and lightness, I also prefer to make of large wire, the uprights or legs b being bent or twisted at b' to form shoulders, which prevent them from passing too far down in the sockets on the bed. The upper ends are hinged to the main body of the frame, as in Fig. 1. This frame is composed of the side and end bars, b^2 , each formed in two parts, which slide upon each other, in order that the frame may be extended or contracted to suit beds of varying sizes. When desirable, I also provide a central transverse cross-bar, b^3 , also made ex-

tensible, as described, to brace the frame and better support the netting.

In use the frame is drawn out to the exact size of the bed, and its hinged legs inserted in the sockets, which firmly support the frame at the proper height above the bed.

The netting or covering c , of any suitable material, is at its upper end made of proper size to fit the frame; but at its bottom this is larger, being gathered in and provided with an elastic band, c' , which holds it closely to the bed-frame, so as to prevent the insects from getting beneath it; but the elasticity of the band permits it to be drawn out to admit an occupant to the bed, the extra size of this edge of the netting permitting this without danger of tearing it.

This canopy is readily folded into small compass, is light and easily handled, and I prefer to form it of wire, though I do not desire to be confined thereto.

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

1. The socket a' , formed from a single piece of wire bent to form the securing-eyes a^2 and the guide-eyes a^3 , in combination with the wire supports b , having bends b' , substantially as and for the purpose set forth.

2. A frame for mosquito-canopies, formed of wire, the sides and ends formed in two parts, sliding upon each other, and provided with hinged wire supports formed with shoulders or bends to rest on the sockets, substantially as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

DAVID STEINBERG.

Witnesses:

W. C. McARTHUR,
W. S. McARTHUR.