

(No Model.)

J. GOODWIN.  
MOSQUITO NET FRAME.

No. 330,316.

Patented Nov. 10, 1885.

FIG. 1.

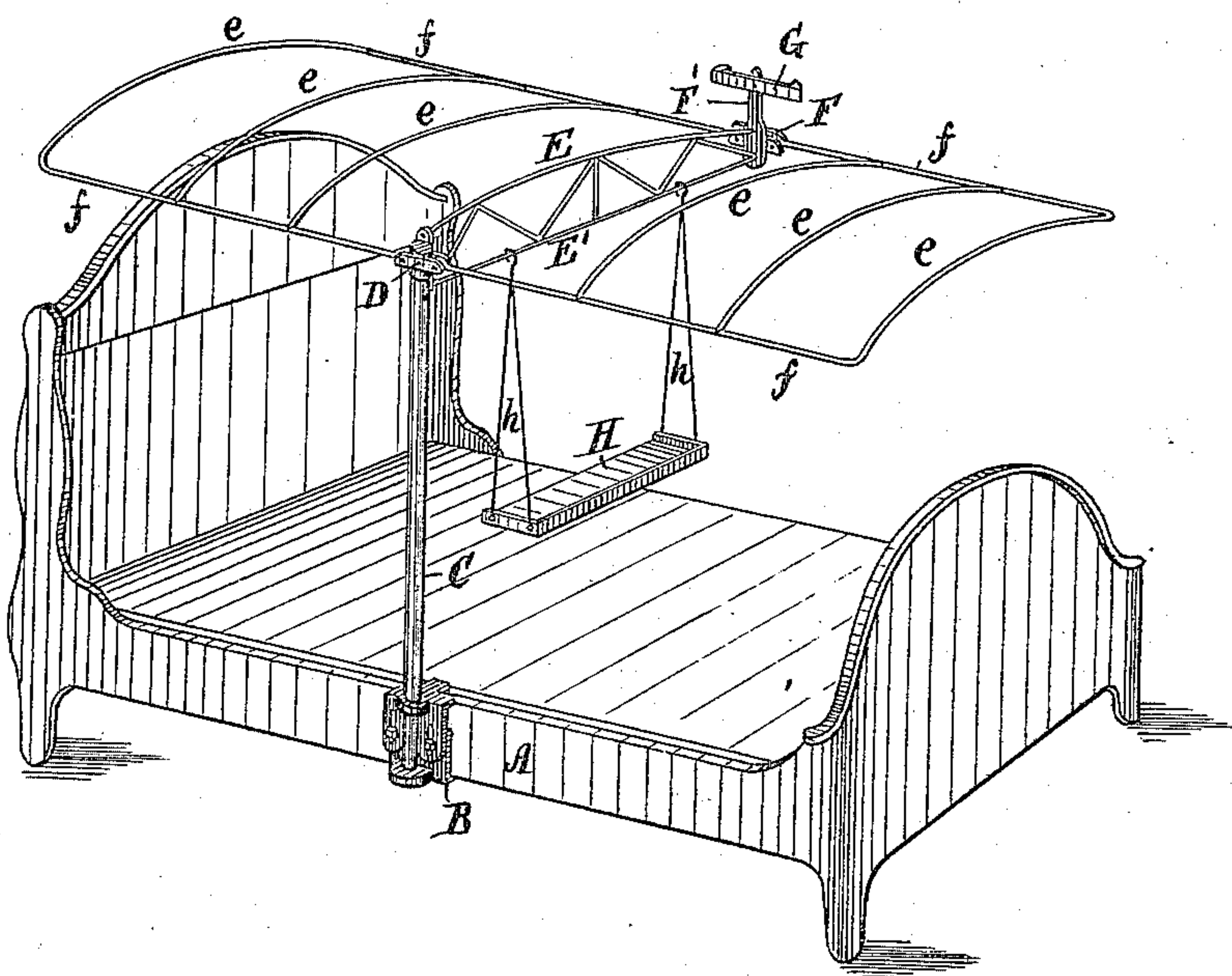


FIG. 2.

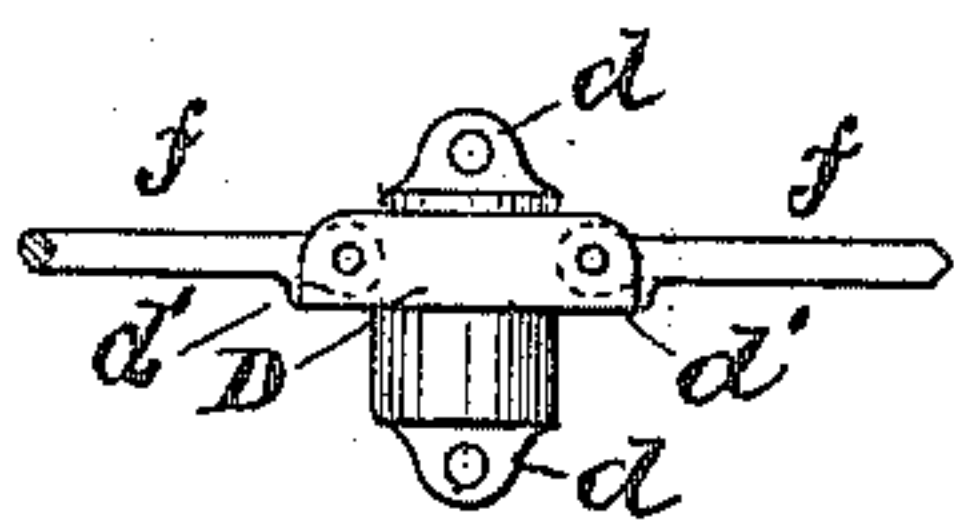


FIG. 3.



FIG. 4.

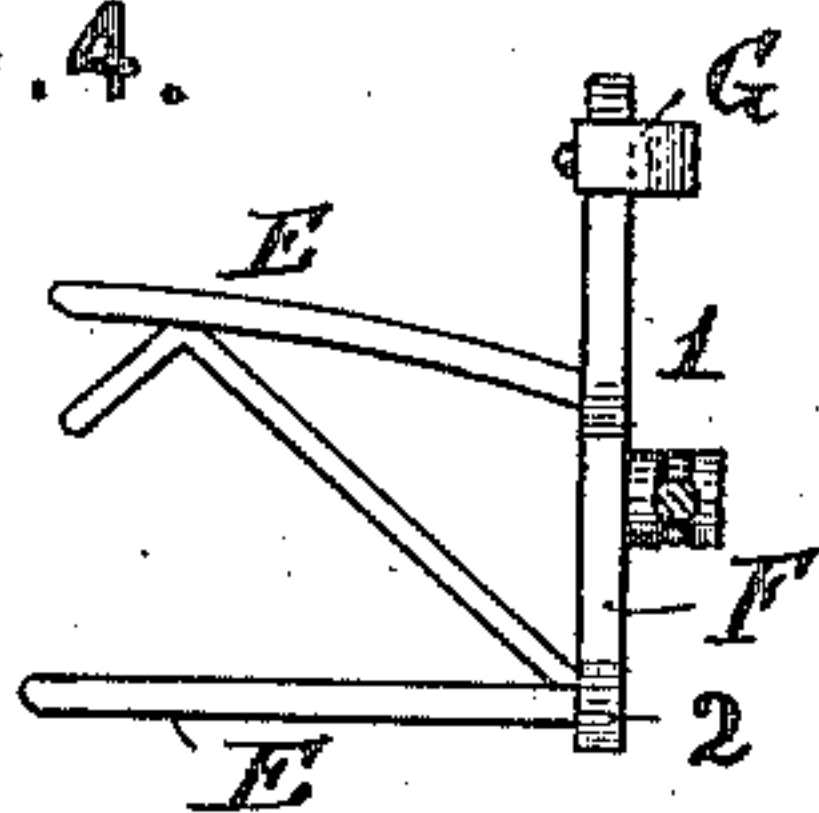
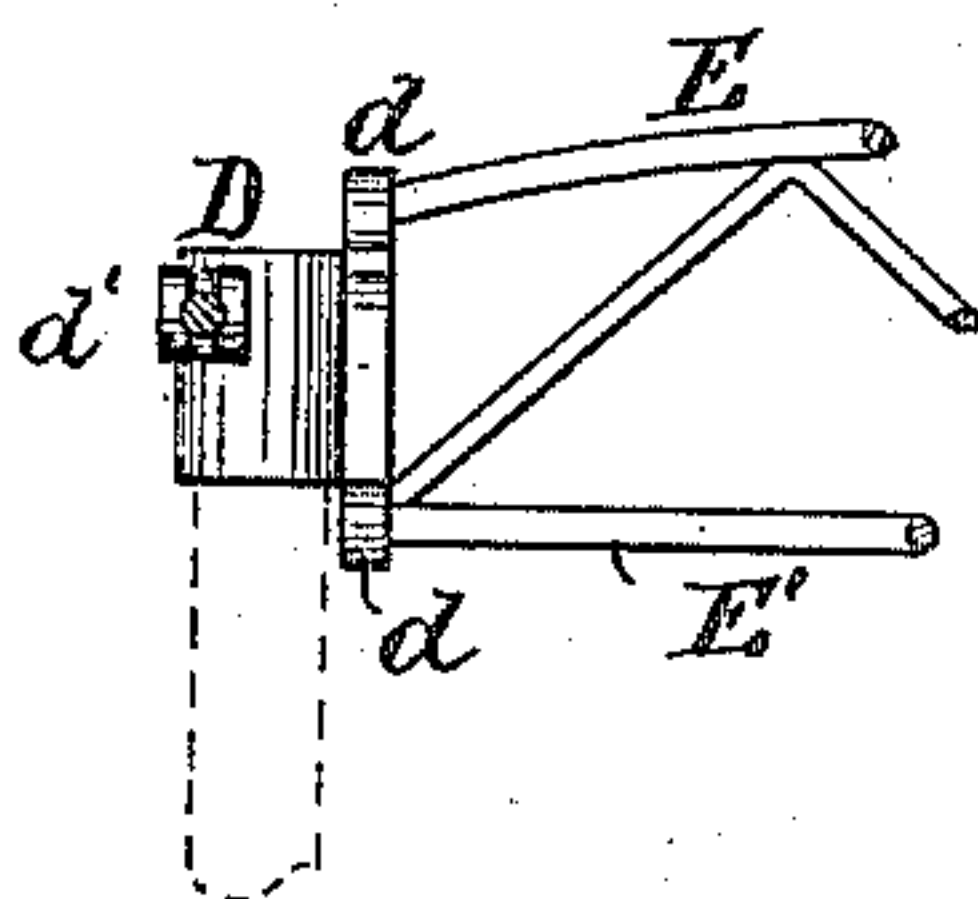


FIG. 5.

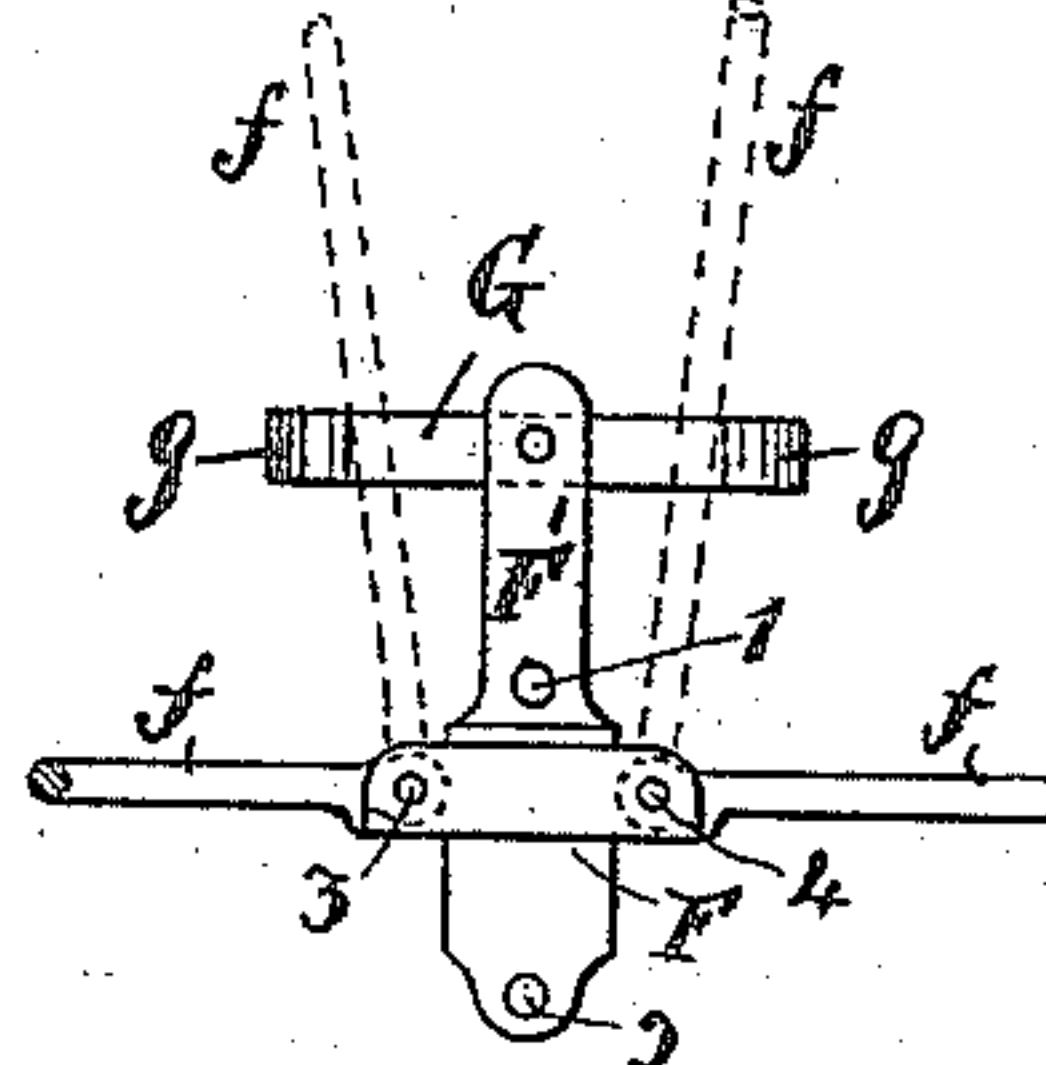


FIG. 6.



FIG. 7.

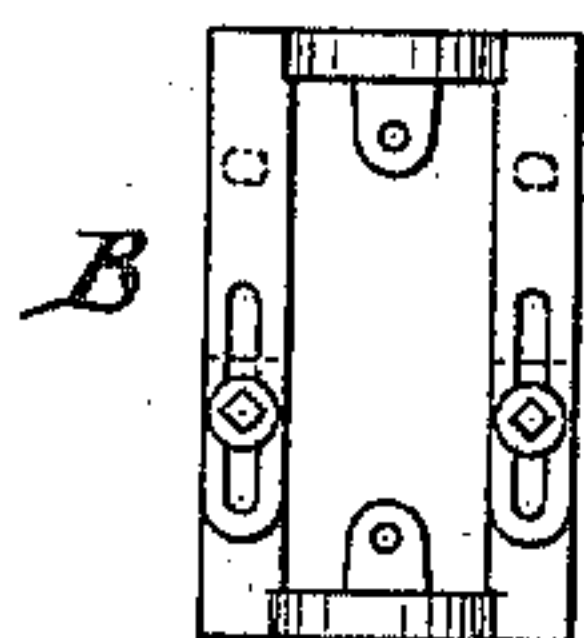
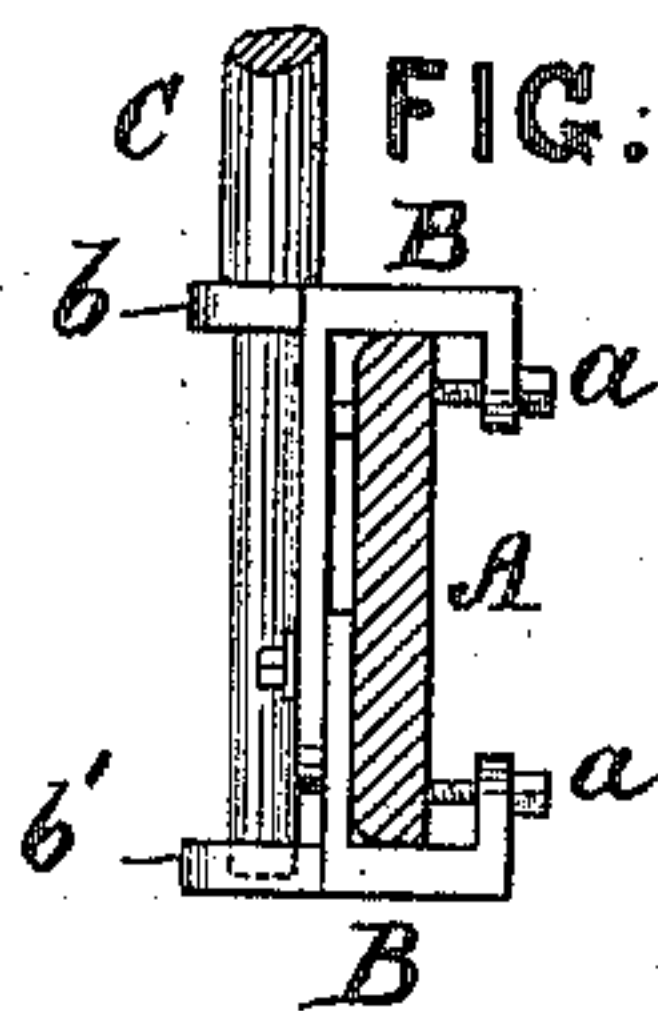


FIG. 8.



Witnesses.

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# UNITED STATES PATENT OFFICE.

JAMES GOODWIN, OF LYNN, MASSACHUSETTS.

## MOSQUITO-NET FRAME.

SPECIFICATION forming part of Letters Patent No. 330,316, dated November 10, 1885.

Application filed July 14, 1884. Serial No. 137,742. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES GOODWIN, a citizen of Canada, residing at Lynn, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Mosquito-Net Frames, of which following is a specification.

The object of my invention is to produce a simple, convenient, and adjustable frame for netting to be used on invalid and other beds; and the invention consists of a frame composed of stiff wire having a strong brace at the center supported upon a bar or post, which is set in a bracket at the center of one side of the bedstead. The said frame is of a length and width corresponding with those of the bedstead, and is made in two parts, each pivoted to the ends of the central brace, so as to admit of both parts being turned upward out of the way when necessary. The post or bar to which the frame is attached turns in its supporting-bracket, so as to allow the frame to be turned to one side of the bed and clear of the same above.

Referring to the accompanying drawings, Figure 1 represents a bedstead with my invention applied. Figs. 2 to 8 are enlarged views, in detail, of the several parts of the frame and its support.

A represents one side of a bedstead of ordinary construction.

B is a bracket of the form shown in Figs. 7 and 8, consisting of two frames, one overlapping the other and adjustable to the width of the side of the bedstead by means of bolts passing through slots in the outer frame and screwed into the inner frame, each frame being provided with a lug for supporting a standard, C. The bracket is secured to the side piece, A, as shown in Fig. 1, by means of screws *a a*.

In the bracket B is mounted a post or bar, C, on the upper end of which latter is fitted a socket, D, having ears *d d* and *d' d'*. In the ears *d d* are secured the ends of the central supporting-brace composed of the wires *E E'*, the upper one, *E*, being curved, as shown, and the lower one, *E'*, extending straight across, and the two being strengthened by intermediate braces, as shown. The op-

posite ends of the wires *E E'* are secured to a bracket, F, at the points 1 and 2, Figs. 5 and 4, and to the extension of the bracket at 3 and 4 are pivoted the ends of the wires *f f*, which form the sides of the frame. The other or opposite ends of said wires are also pivoted in the ears *d' d'* of the socket D, as shown in Figs. 2 and 3, which represent, respectively, the front and top views of the socket D. It will thus be seen that the front and rear portions of the frame can be thrown upward, as indicated by dotted lines in Fig. 5.

To the upper end of the extension *F'* of the socket F is secured a spring, G, at right angles to the said extension, and on each end of the spring G is a catch, *g*, each having a rounded outer edge, so that when the two parts of the frame are raised up the side wires *f f* will pass over the yielding catches *g g*, and be held up by the same, as indicated in Fig. 5.

The two parts of the frame are composed of the side and end wires, *f f*, each made in one piece, the outer end being curved and the two sides connected by the curved cross-wires *e e*. To the lower side, *E'*, of the central bracket may be suspended, by means of wires or cords *h h*, a shelf or table, H, when desirable.

The frame is designed to be covered with any appropriate netting or covering inclosing all sides of the bed and effectually preventing the entrance of flies, mosquitoes, and other insects.

What I claim as my invention is—

1. A mosquito-net frame consisting of a central girder, *E E'*, a swiveled standard, C, secured to one side of the bedstead A and supporting the girder at one end, and the two wire frames hinged to the girder, substantially as described.

2. In a mosquito-net frame, the combination of the central brace or girder, *E E'*, provided at one end with a socket, D, and at the other end with a bracket, F, and the frames *e e f f*, the socket D being made to fit upon the post or standard C, and the bracket F provided with an extension, *F'*, to which a spring, G, with catches *g g*, is secured for holding up the frames *e e f f*, as set forth.

3. In a mosquito-net frame, the combination, with the post or standard C, of a bracket, B, attached to the side of the bedstead A, and consisting of two frames, one overlapping the  
5 other and capable of adjustment to bedstead-rails of different widths, and provided with lugs *b b*, for supporting the post C, and the frames *e e f f*, as shown and described.

In testimony whereof I have signed my name to this specification in the presence of 10 two subscribing witnesses.

JAMES GOODWIN.

Witnesses:

JOS. H. ADAMS,

E. PLANTA.