

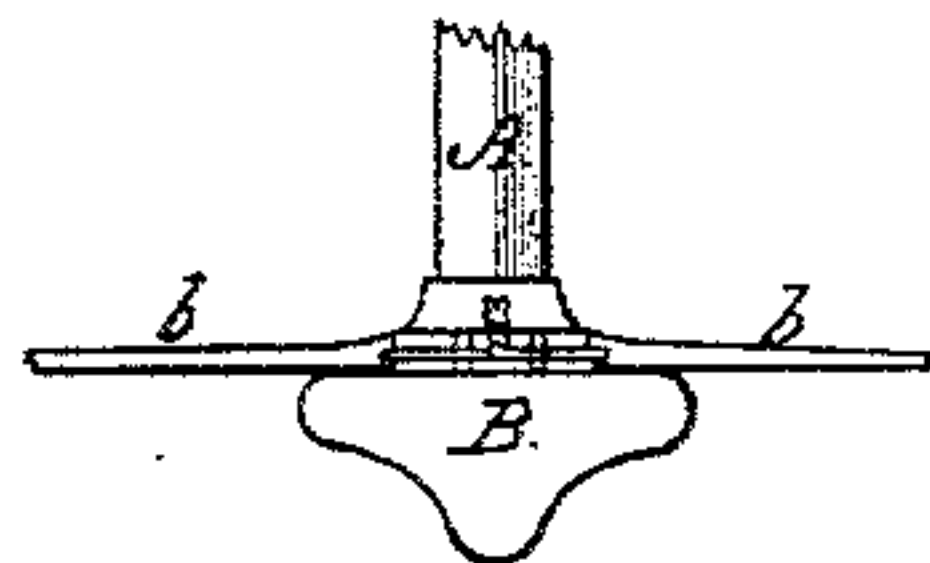
*S. & J. Roebuck.*

*Mosquito Canopy.*

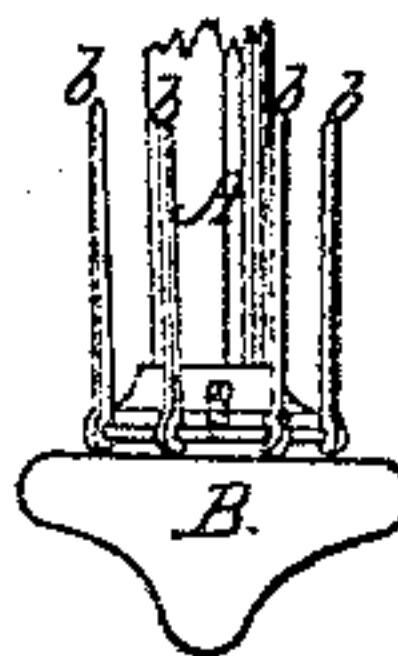
*N<sup>o</sup> 88,514.*

*Patented Mar. 30, 1869.*

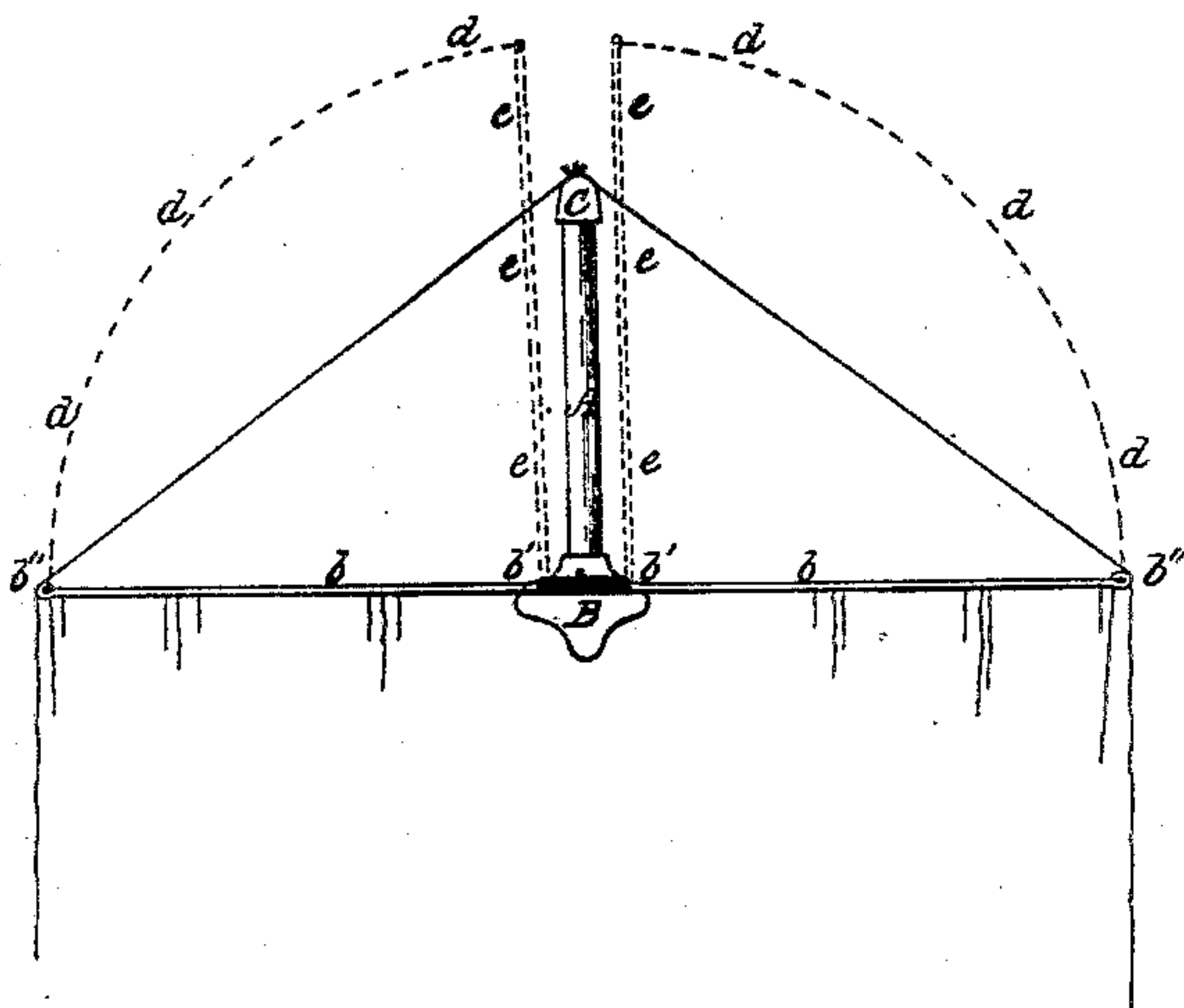
*Fig. 3.*



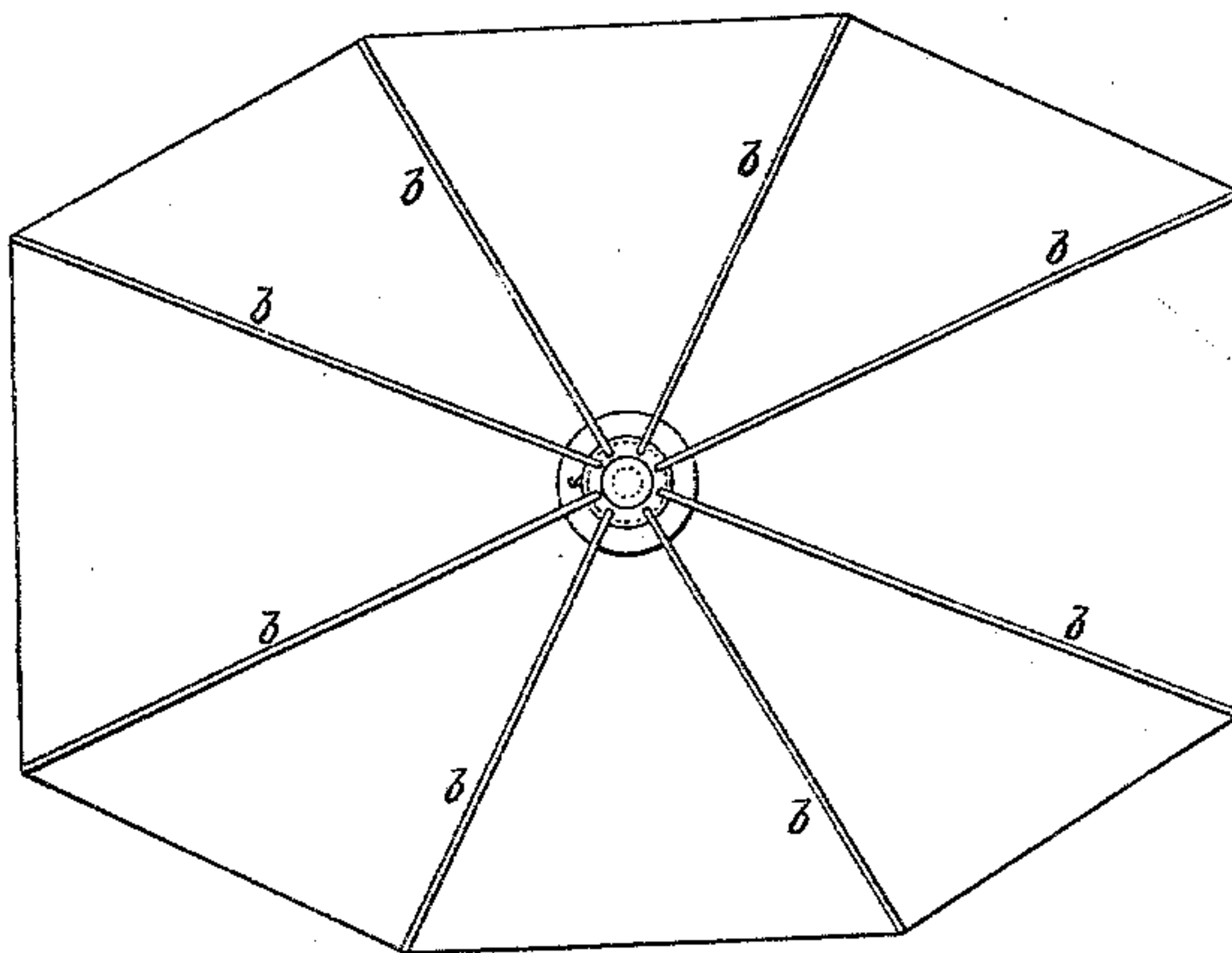
*Fig. 4.*



*Fig. 1.*



*Fig. 2.*



*Witnesses,  
Fred. Holder  
John S. Gage*

*Inventor.  
S. Roebuck  
John Roebuck*



SAMUEL ROEBUCK AND JOHN ROEBUCK, OF NEW YORK, N. Y.

*Letters Patent No. 88,514, dated March 30, 1869.*

**IMPROVED MOSQUITO-CANOPY.**

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that we, SAMUEL ROEBUCK and JOHN ROEBUCK, of the city, county, and State of New York, have invented a new and useful Improvement in the Construction of Frames for the Suspension of Mosquito-Canopies; and we hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to accompanying drawings, forming a part of this specification, in which—

Figure 1 is a side, or horizontal view of our improved frame;

Figure 2 is a vertical view of the same;

Figure 3 is an enlarged horizontal view of the same, showing the arms extended; and

Figure 4 is an enlarged horizontal view of our improved frame, showing the arms closed or folded.

Similar letters of reference indicate corresponding parts in the figs. 1, 2, 3, 4

This invention consists in the combination of a centre-rod or cord with a series of extending-arms, or rods, which, when extended, form a convenient frame for the extension and support of a mosquito-canopy, for use over a bed; the combination of the centre-rod or cord and extending-arms being effected in such a way that the frame, with or without the canopy, can be closed for convenience of packing, or, when in use, by raising the extended arms vertically, and inclining the outer ends toward the centre-rod or cord.

A is a rod or cord, having a projecting base, B, on which is fixed a series of rods, or arms, *b b b*, fastened by and working upon a wire passed through holes near the inner ends of the rods, or arms, and secured either to the centre-rod or cord, or to the base of the same. (See figs. 1, 3, and 4.)

The rods, or arms *b b b*, when extended, (fig. 1,) rest

in a horizontal position, having their inner ends *b'* resting upon the base, B, of the centre-rod or cord A, and their outer ends *b''* secured to the netting or other material forming the canopy.

The centre of the upper portion of the canopy rests on the upper part of the centre-rod or cord A.

The dotted lines *d d d*, fig. 1, indicate the upward motion of the rods, or arms *b b b* when being closed, and the dotted lines *e e e*, fig. 1, indicate the position of the arms when the frame is closed. (See also fig. 4.)

The mosquito-canopy frame here represented and described, is a modification of one for which Letters Patent of the United States were granted to SAMUEL ROEBUCK, one of the present applicants, on the 28th day of April, 1863. The object of the present improvement is to vary and improve the appearance and effect of the canopy, by adapting the principle of the frame invented by S. ROEBUCK to a canopy, of which the centre of the top is raised considerably above its outer extremities.

Having thus described our invention,

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

The upright rod or cord A, forming a support for the top of a mosquito-canopy, when combined with a series of rods, or bars *b b b*, the outer ends of which can be raised vertically, and toward the centre-rod or cord, for the purpose of closing the canopy-frame.

The above specification of our invention, signed by us, this      day of July, 1868.

SAMUEL ROEBUCK. [L. s.]  
JOHN ROEBUCK. [L. s.]

Witnesses:

ED. FOOS,  
FREDERICK HEBDEN.