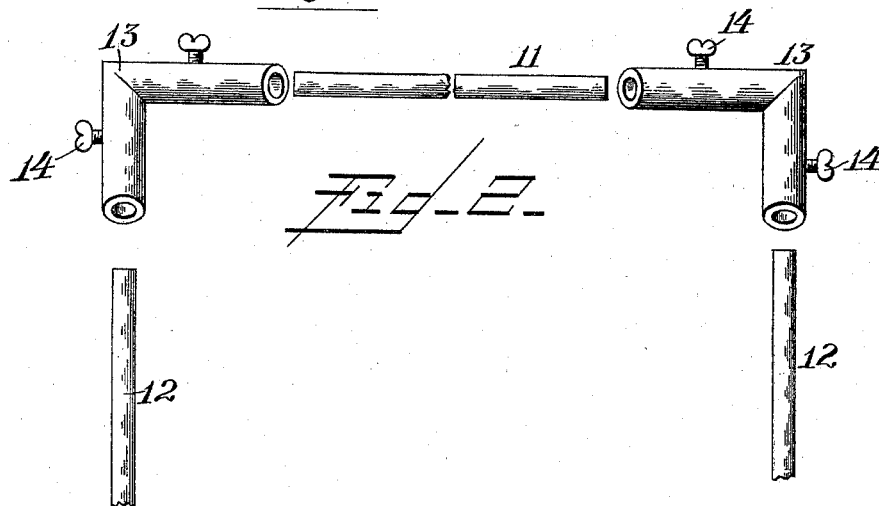
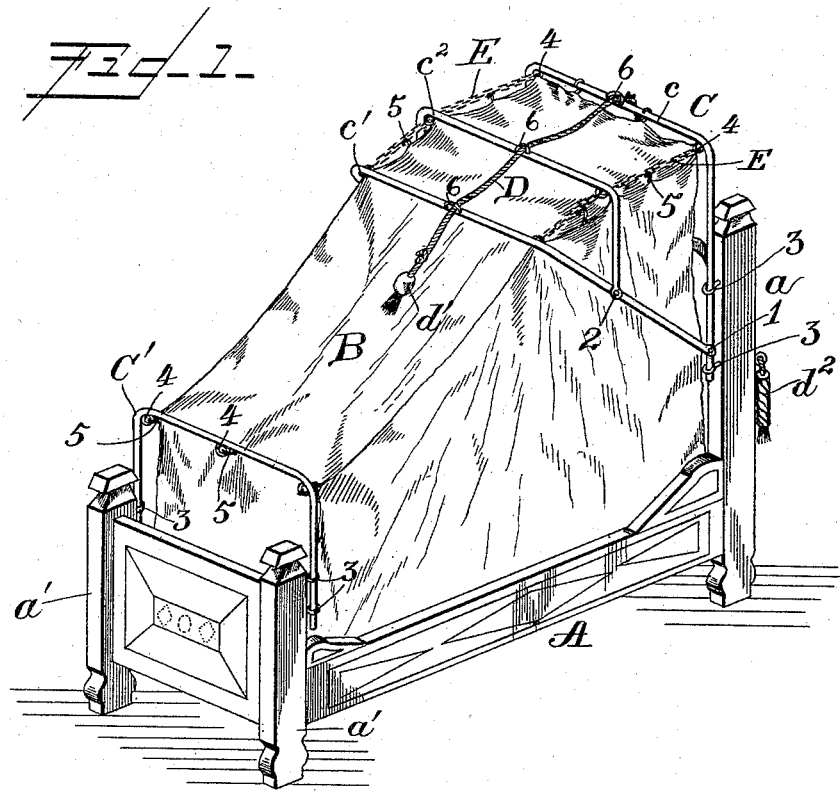


(No Model.)

W. H. JOHNSON.
MOSQUITO CANOPY.

No. 492,298.

Patented Feb. 21, 1893.



WITNESSES
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UNITED STATES PATENT OFFICE.

WILLIAM H. JOHNSON, OF SHREVEPORT, LOUISIANA.

MOSQUITO-CANOPY.

SPECIFICATION forming part of Letters Patent No. 492,298, dated February 21, 1893.

Application filed August 12, 1892. Serial No. 442,868. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. JOHNSON, a citizen of the United States, residing at Shreveport, in the parish of Caddo and State of Louisiana, have invented certain new and useful Improvements in Mosquito-Canopies; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in mosquito canopies, and it consists of certain novel features hereinafter described and claimed.

Reference is had to the accompanying drawings, wherein the same parts are indicated by the same letters and numerals throughout both the views.

Figure 1 represents a perspective view of a bed fitted with my improved canopy, and Fig. 2 represents a method of constructing the bows in the said canopy so that they may be adjustable.

A represents a bedstead having head posts *a* and foot posts *a'*.

B represents the mosquito bar hung beneath the frame C. This frame C consists of the bow *c* attached to the head posts *a* by eyebolts 3; the bow *c'* pivoted to the bow *c* at 1, and the bow *c²* pivoted to the bow *c'* at 2. The bows *c*, *c'*, and *c²* support the bar well clear of the head of the bed, and prevent its sagging down, thus giving a larger air space and more room beneath the bar, and at the same time stretching the bar taut making it look neater and allowing a freer ingress and egress of air through the interstices in the bar. The bow *c²* being pivoted to the bow *c'* makes a neater and cheaper frame than if it extended down to pivot 1, and at the same time prevents the upper part of the bar from sagging down. By hanging the bar beneath the bows it folds up snugly like an accordion, and there is very little of that wear and tear on the weak fabric composing the bar which is unavoidable when the bar is put over the bows. The bows are connected together by chains or cords E, and are drawn forward or pulled back by the cord D having handles *d'* and *d²*, the latter passing to the side of the head of the bed. The said cord D passes through loops 6 attached to or integral with the said bows. On

the under sides of these bows are a number of rings 4, into which the hooks 5 attached to the bar engage. It will be obvious that the rings 4 may be attached to the bar, and the hooks 5 to the bows, if that be desirable.

C' represents a bow which is attached to the foot posts of the bed preferably by eyebolts 3. This bow has rings or eyes 4 adapted to engage hooks 5 on the bar as with the frame C. The object of this bow C' is to hold the bar well upon the foot of the bed, preventing the same from dropping upon the feet of the sleeper, and at the same time increasing the air space within the bar.

Since it is desirable to provide canopies which may be adjusted to any size of bedstead, the bows *c*, *c'*, *c²* and C' are preferably made in five pieces as shown in Fig. 2. The pieces 11 and 12, of wood, brass, or other suitable material, slide into the hollow elbows 13 and are held in place by clamp screws 14. It will be seen that the dimensions of the bows may be varied by means of these clamp screws within certain limits; but if a narrow bed, or a low ceiling, or a short bar is to be dealt with, it may become necessary to saw off a portion of the rods 11 or 12.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

In a mosquito canopy, the combination of the folding frame C having the fixed bow *c* attached to the inside of the head posts of the bed, the bow *c'* pivoted to said bow *c* and the intermediate bow *c²* pivoted to the said bow *c'* said bows being each provided with hollow elbows 13 and clamp screws 14, for adjusting said bows to bedsteads or rooms of different sizes, chains E attached to said elbows and connecting said bows; the frame C' attached to the foot of the bed, the bar B suspended beneath said frame C and C' by means of hooks and rings, and the cord D leading toward the foot of the bed and toward one side of the head thereof for opening and closing said folding frames C, substantially as and for the purposes described.

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

WILLIAM H. JOHNSON.

Witnesses:

D. A. ROBINSON,
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