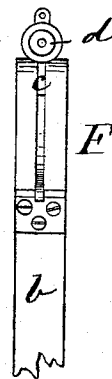
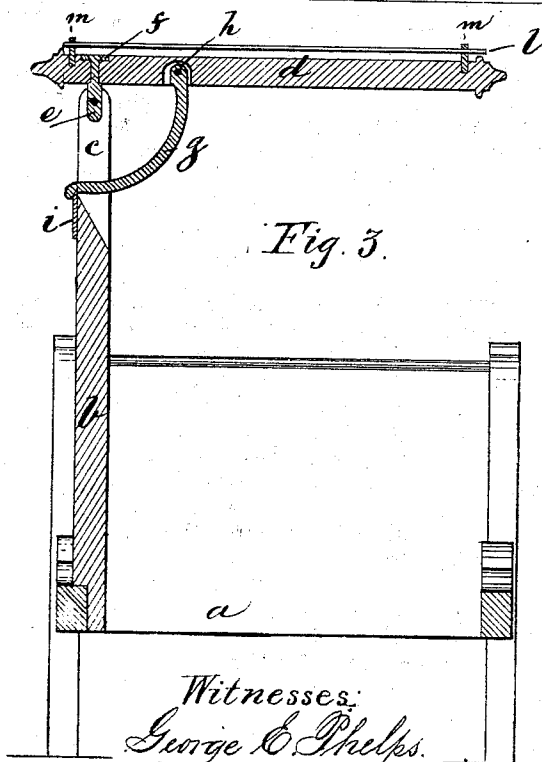
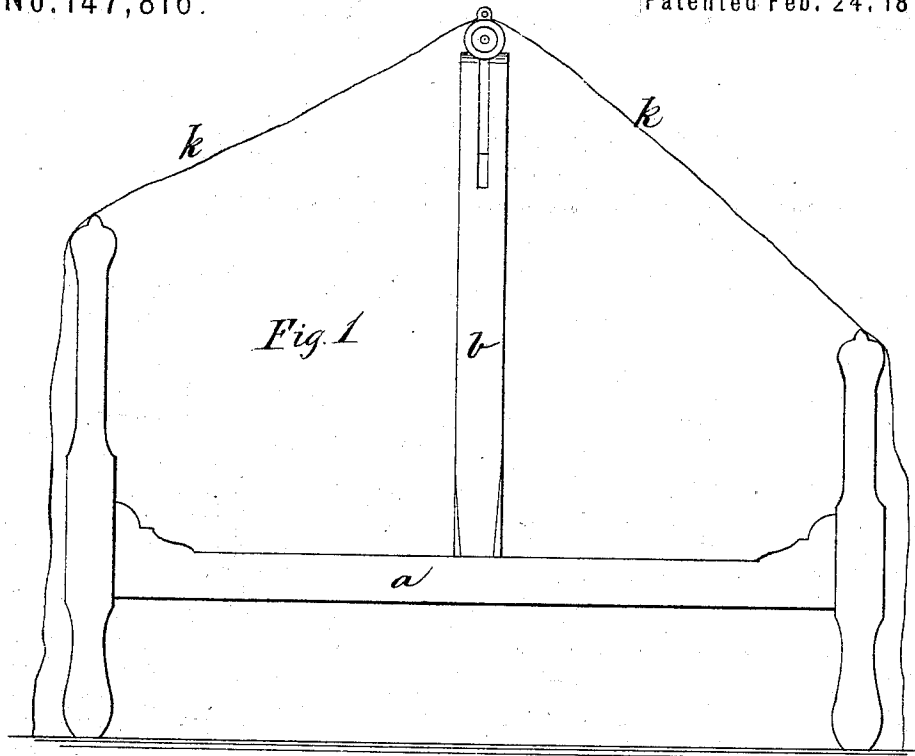


J. A. BOVYER.
Mosquito-Canopies.

No. 147,816.

Patented Feb. 24, 1874.



Witnesses:
George C. Phelps.
J. C. Torrey.

Inventor:
John A. Boyer.
by Wm. Andren, atty.

UNITED STATES PATENT OFFICE.

JOHN A. BOVYER, OF CHARLOTTETOWN, CANADA.

IMPROVEMENT IN MOSQUITO-CANOPIES.

Specification forming part of Letters Patent No. **147,816**, dated February 24, 1874; application filed December 27, 1873.

To all whom it may concern:

Be it known that I, JOHN A. BOVYER, of Charlottetown, in Queens county, Prince Edward Island, and Dominion of Canada, have invented certain new and useful Improvements in Folding 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to improvements in folding frames for mosquito-canopies; and consists of a vertical post or standard, secured temporarily to a bed-frame in any suitable manner. To the upper end of the said standard is hinged a supporting-bar for the netting that is used to rest on. The supporting-bar aforesaid is kept in its proper position, when used, by means of an arched support hinged to the supporting-bar, and locked to a suitable plate secured to the standard. The upper end of the standard is slotted for the purpose of allowing the arched support, as well as the supporting-bar, hinge to move therein. The gauze or netting used is held in place on the supporting-bar by means of a sliding rod, resting in suitable eyebolts, as will now be more fully shown and described.

On the drawing, Figure 1 represents a front elevation of my invention. Fig. 2 represents a rear view; and Fig. 3 represents a vertical longitudinal section thereof.

Similar letters refer to similar parts wherever they occur on the drawings.

a represents an ordinary bed-frame, to which is temporarily secured an upright standard, *b*, that is provided with a slotted opening, *c*, in its upper end, as shown. A supporting-bar, *d*, is hinged to the upper end of the standard

b by means of a plate, *e*, the upper end of which projects through the supporting-bar *d* and a washer, *f*, and is riveted on the top in a manner as shown in Fig. 3. A curved support, *g*, is hinged to the supporting-bar *d* at *h*, as shown, and is provided in its extreme end with an incision that locks it to a metallic plate, *i*, that is secured to the standard *b*. The supporting-bar *d* can easily be swung around the hinge *e* by unlocking the lower end of the curved support *g* from the plate *i*, when its own weight brings it in a vertical position on the side of the standard *b*. The gauze or netting *k* is kept in place on the supporting-bar *d* by means of a rod or wire, *l*, resting in suitable eyebolts *m m* attached to the upper side of the bar *d*, as shown in Fig. 3.

When the frame is not required for use, it may be folded together around the hinge *e*, and the standard *b* may also be removed entirely from the bed-frame *a*, if necessary.

If the gauze or netting is to be removed from the bar *d*, it is only necessary to draw out the rod *l* from the eyebolts *m m*, when it can easily be detached from said bar, and another put in its place in the same manner.

Having thus fully described the nature, construction, and operation of my invention, I wish to secure by Letters Patent and claim—

The combination of the slotted standard *b*, hinged supporting-arm *d*, curved support *g*, rest *i*, and the hinge-plate *e*, all constructed and arranged substantially as and for the purpose herein set forth and described.

In testimony that I claim the foregoing I have hereunto set my hand this 17th day of December, 1873.

JOHN A. BOVYER.

Witnesses:

ALBAN ANDRÉN,
GEORGE E. PHELPS.