

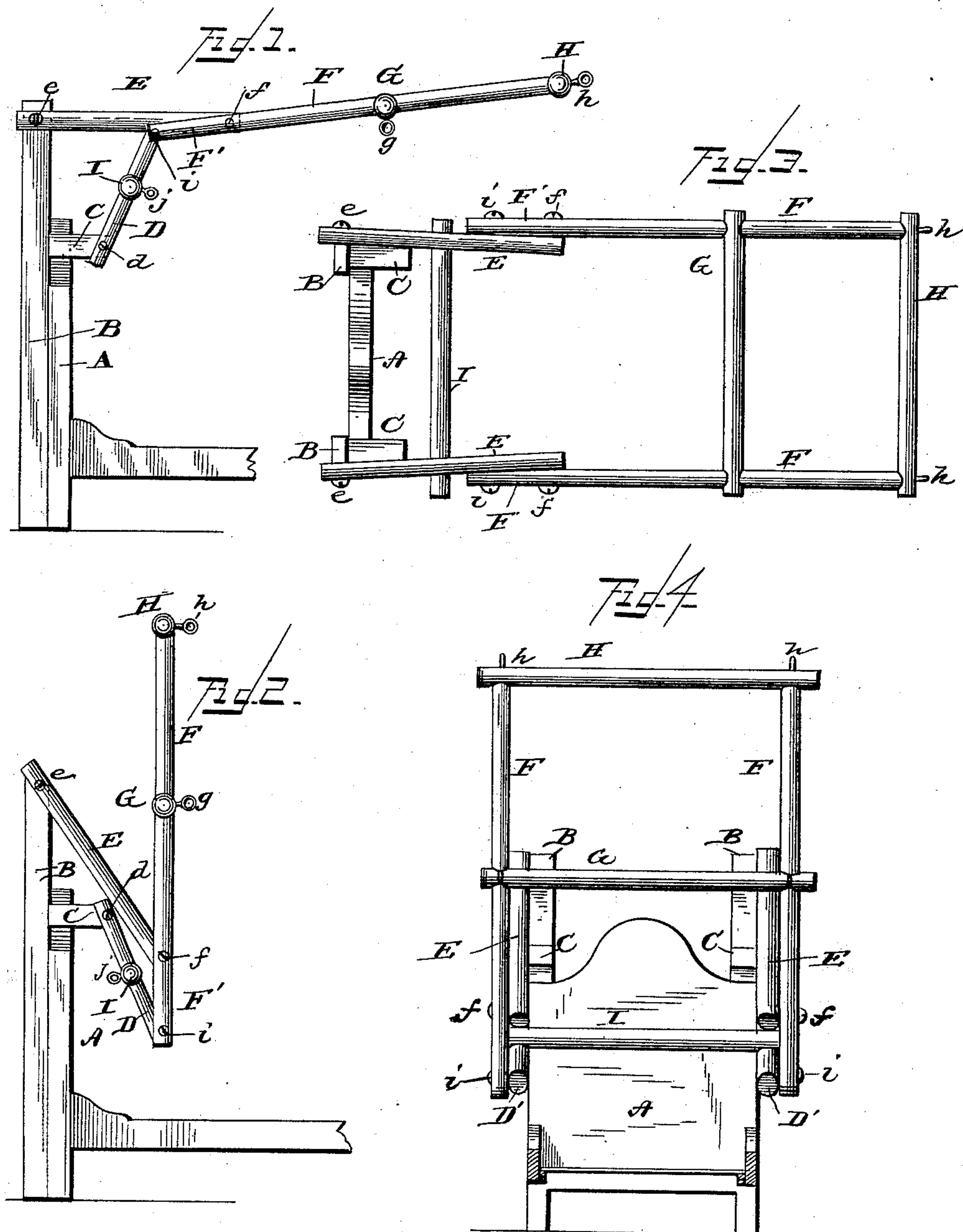
(No Model.)

A. H. BAILEY.

FOLDING FRAME OR SUPPORT FOR MOSQUITO CANOPIES.

No. 424,256.

Patented Mar. 25, 1890.



WITNESSES
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ALFRED HOLT BAILEY, OF PALESTINE, TEXAS.

FOLDING FRAME OR SUPPORT FOR MOSQUITO-CANOPIES.

SPECIFICATION forming part of Letters Patent No. 424,256, dated March 25, 1890.

Application filed June 15, 1889. Serial No. 314,374. (No model.)

To all whom it may concern:

Be it known that I, ALFRED HOLT BAILEY, a citizen of the United States, and a resident of Palestine, in the county of Anderson and State of Texas, have invented certain new and useful Improvements in Folding Frames or Supports for Mosquito-Canopies; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a side view of my improved mosquito frame or canopy, showing the same in its extended position ready for use. Fig. 2 is a similar view of the frame or canopy, but showing the same in its folded position, as when not in use. Fig. 3 is a top view of the frame extended or in the position shown in side elevation in Fig. 1; and Fig. 4 is a front elevation of the frame as it appears when folded, or in the same position which is shown in side elevation in Fig. 2.

Like letters of reference denote corresponding parts in all the figures.

This invention relates to frames or supports for mosquito-canopies or bed-coverings of that class which are secured upon one of the end boards (preferably the head-board) of the bedstead; and it consists in the construction and combination of parts of the folding frame or support, which will be hereinafter more fully described and claimed.

Reference being had to the accompanying drawings, the letter A designates the head-board of a bedstead which is provided with my improved folding frame or support. The latter consists of two bars or uprights B, suitably fastened by screws or other fastenings to the opposite sides of the head-board and projecting above the same. These uprights are provided with forwardly-projecting bearings C, in the outer ends of which the braces D are pivoted by means of screws or bolts *d*.

To the upper ends of the fixed uprights B are pivoted by means of the screws or bolts *e* the short arms E, the outer ends of which are again pivoted by bolts *f* or their equivalent

in the long arms F. The latter are connected, so as to form a rectangular frame, by two parallel cross-bars G and H, which are provided with eyebolts *g* and *h*, or other suitable fastenings, for the attachment of the canopy or curtain. (Not shown on the drawings.) Similar fastenings may be provided on the under side of the bars F F at a suitable distance apart, if desired.

The inner ends of the side bars F, projecting beyond the fulcrum-bolts *f*, form short arms or levers F', which are connected pivotally by the bolts *i* in the outer ends of the braces D, said braces D D being connected by means of the cross-bar I. This cross-bar has its ends projecting beyond the braces D, as shown in Fig. 3, and is also provided with screw-eyes or eyebolts *j* for the attachment of the inner ends of the curtain or canopy.

The outer ends of the pivoted braces D D are cut off obliquely, as shown at D', to form bearings for the outer ends of the upper arms E when the frame is in its extended position. When the frame is in this position, it will therefore be seen that the rectangular frame comprising the side bars F and cross-bars G and H is supported in horizontal position or in an approximately horizontal position by the fulcrum-bolt at the outer ends of the braces D, in which the arms F are pivoted in conjunction with the oblique bearings D D' of said braces, which support the short arms E in their extended or horizontal position.

The object of projecting the bearing C forwardly, as shown, is that the pivot-bolts *d* and *e* shall be in different vertical planes. If they were in the same vertical plane, some extraneous fastening devices would have to be employed for holding the frame in its extended position, thus rendering the device more expensive in construction and less efficient in operation.

From the foregoing description, taken in connection with the drawings, the construction and operation of this device will readily be understood without requiring further explanation. It will be seen that the frame may be folded slightly beyond a vertical position up in front of the head-board, so as to occupy but little space when not in use and so as to

support itself, which may be done in a moment of time, and in which position the frame and canopy will be entirely out of the way. When it is desired to use the canopy, all that
5 is necessary is to pull the long arms or side bars F toward the foot-board of the bed, when the supports or frame may be instantly extended over the bed, so that the canopy or curtain will effectually cover the same on all
10 sides. Of course the top of the frame from the upper ends of the upright standards B to the outer ends of the arms F should also be covered with mosquito-netting or some other suitable fabric.

15 I am aware that the idea of a folding frame for canopies is not new. I do not, therefore, claim such a construction, broadly; but

I claim as new the specific construction herein described and desire to secure by Letters Patent of the United States—
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In a frame or support for mosquito-canopies, the combination, with the fixed standards B and the forwardly-projecting bearings C, of the braces D, pivoted to bearings C and united by cross-bar I, the short arms E, 25 pivoted to the upper ends of the fixed standards, and parallel side bars F, connected by cross-bars to form a rectangular frame to support the canopy or curtain and pivoted intermediate, respectively, in the outer ends of 30 the short arms E and brace D, substantially as described.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

ALFRED HOLT BAILEY.

Witnesses:

F. C. BAILEY,
M. B. CLOUD.