

(No Model.)

A. F. TRACY & J. WINCHELL.

CANOPY SUPPORTING FRAME.

No. 368,359.

Patented Aug. 16, 1887.

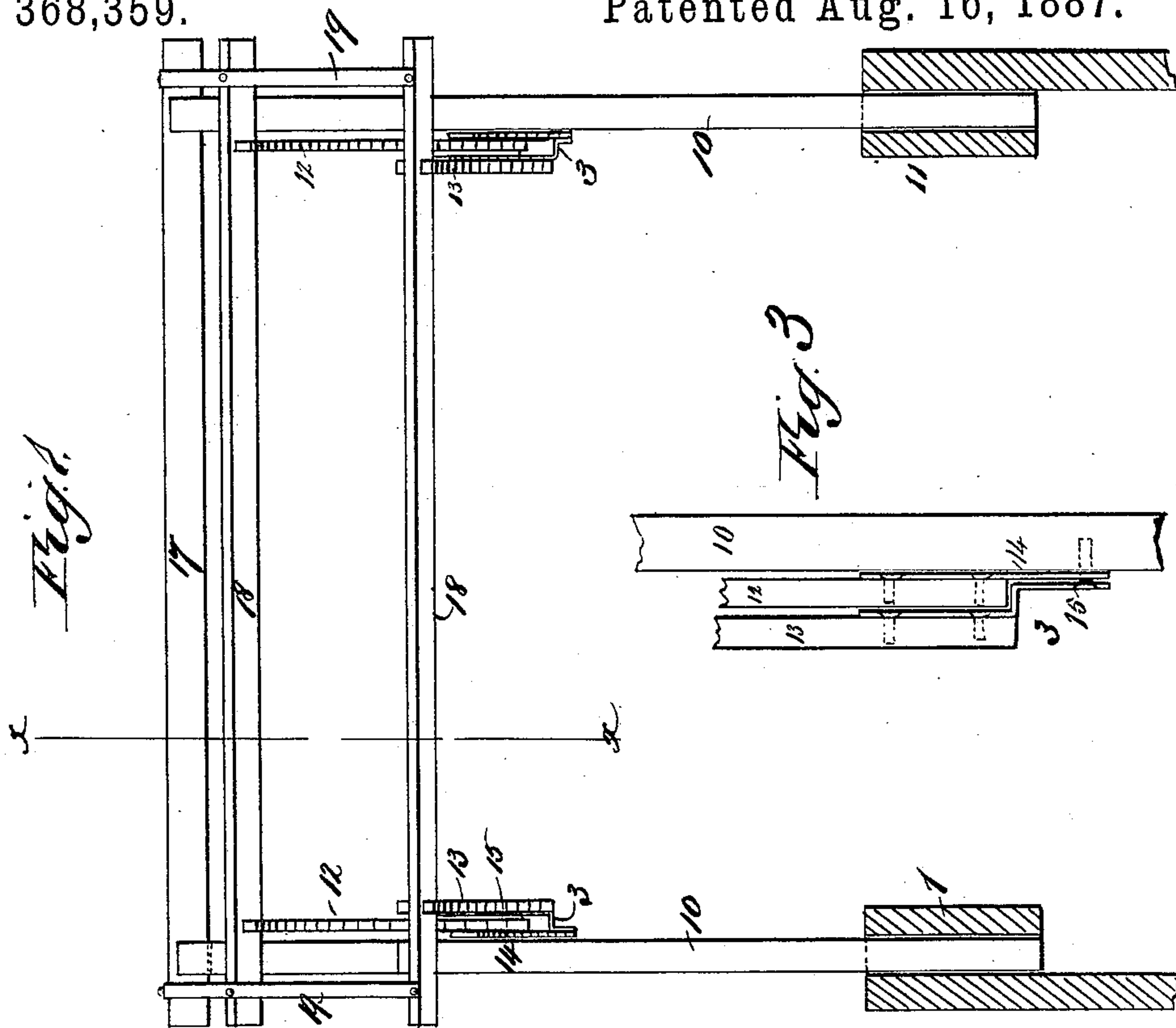
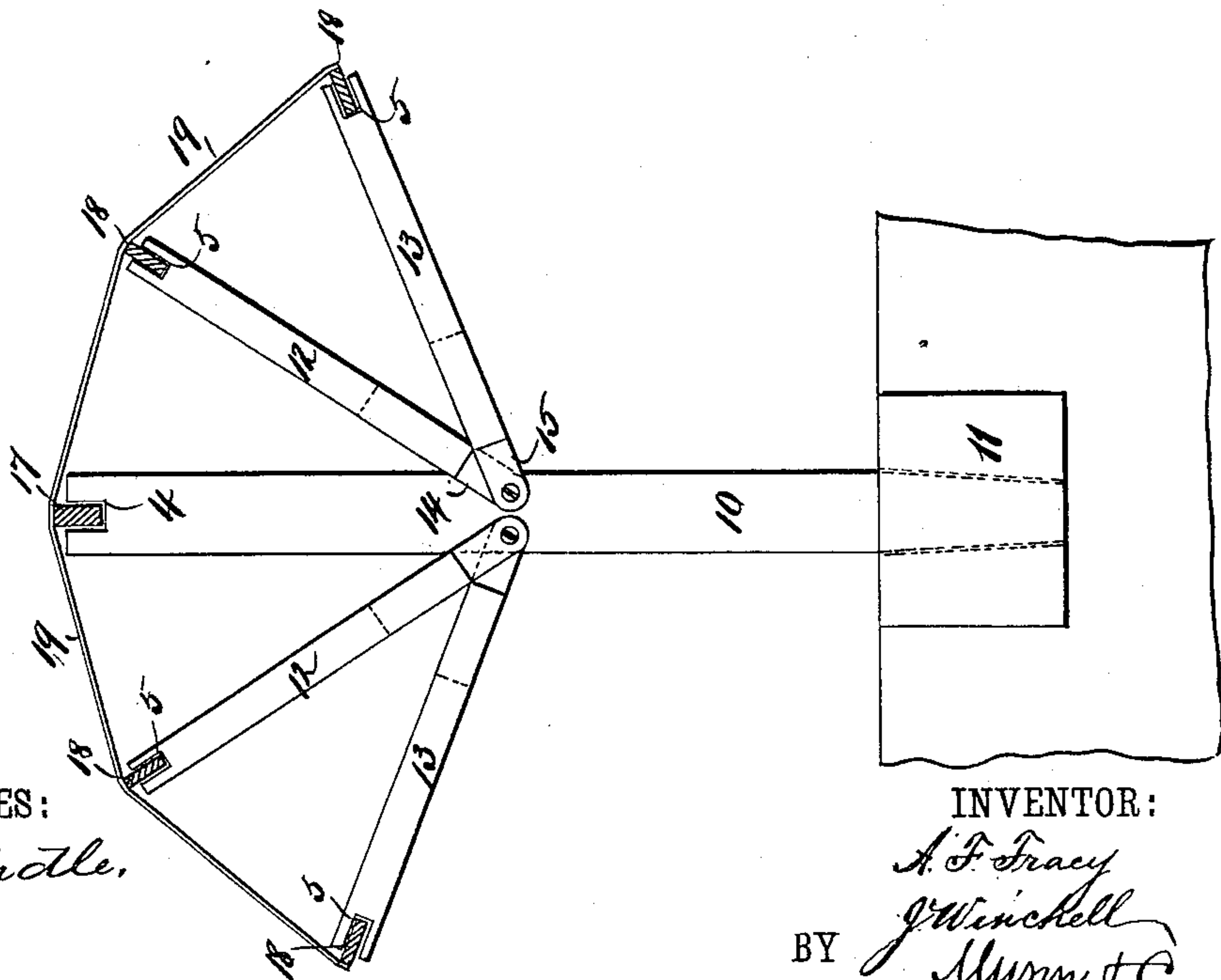


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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CANOPY-SUPPORTING FRAME.

SPECIFICATION forming part of Letters Patent No. 368,359, dated August 16, 1887.

Application filed May 18, 1887. Serial No. 238,613. (No model.)

To all whom it may concern:

Be it known that we, ANDREW F. TRACY and JAMES WINCHELL, of New Haven, in the county of New Haven and State of Connecticut, have invented a new and Improved Canopy-Supporting Frame, of which the following is a full, clear, and exact description.

This invention relates to a simple, cheap, and durable frame which may be used for the purpose of supporting canopies, mosquito-nettings, or screens of any description, the frame being especially adapted for use as a mosquito-net-supporting frame; but the frame will be found to be an excellent support for shelter-tents and awnings.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a side view of a frame constructed in accordance with the terms of our invention. Fig. 2 is a sectional view taken on line *x x* of Fig. 1; and Fig. 3 is a detail view illustrating the connection between one of the posts and the folding arms carried thereby.

In the drawings, 10 represents two posts the lower ends of which are slightly tapering, as indicated by dotted lines in Fig. 2, said lower ends being adapted to enter sockets 11, which sockets may be secured to the head and foot boards of a bed; or the sockets might be placed in the ground to receive and support the posts or standards.

To the standards 10 we pivotally connect folding arms 12 and 13, the arms 12 being provided with straps 14, which are secured to one of the arm-faces and extend in a straight line therefrom, while the arms 13 are carried by straps 15, that are bent outward at right angles just as they leave the lower end of the arm, to be again bent downward, a shoulder, 3, being thus formed in the straps 15.

The upper ends of the standards 10 are recessed, as shown at 4, and the ends of each of the arms pivotally connected, as above described, to the standards 10, are also recessed, as shown at 5, the recesses so formed being adapted to receive a ridge-pole, 17, and longitudinal strips 18, the ridge-pole and the

strips 18 being connected by tapes or straps 19, the arrangement being such that by inserting the ridge-pole in the recesses formed in the posts 10 and the longitudinal strips 18 in the recesses of the arms 12 and 13, and permitting said arms to fold outward, the tapes or straps 19 will act to hold the strips 18 in the position in which they are shown in Fig. 2—that is, in a position to receive the netting, canvas, or other fabric which the frame is designed to support.

It will be seen that the longitudinal strips and the ridge-pole may be readily removed, and having been so removed, the arms 12 and 13 may be folded up so as to rest in lines parallel with the length of the posts 10, thus providing for the snug stowage of the several parts of the frame when the frame is used in connection with a bed. The arms upon one side may be folded up at times when it is desired to make or dress the bed.

In case the frame is to be used for the purpose of supporting shelter-tents or field-awnings, the lower ends of the posts 10 might be sharpened, so as to provide for the easy driving of the posts into the ground.

Having thus fully described our invention, we claim as new and desire to secure by Letters Patent—

1. A canopy-supporting frame consisting of two posts, arms pivotally connected to said posts, and a series of longitudinal bars connected together by flexible connections and detachably secured to the upper ends of the posts and arms, substantially as herein shown and described.

2. In a canopy supporting frame, the combination, with the posts 10, having recessed upper ends, of the arms 12 13, pivoted to the said posts, and having their free ends recessed, the ridge-pole 17, fitting in the recesses of the posts, the longitudinal strips 18, fitting in the recesses of the arms, and the tapes 19, connecting the ridge-pole and longitudinal strips, substantially as herein shown and described.

3. In a canopy-supporting frame, the combination, with the posts 10, of the arms 12, pivoted to the posts by the straps 14, the

arms 13, pivoted to the posts by the angular
strap 15, and a series of longitudinal bars
detachably secured to the upper ends of the
posts and free ends of the arms, and con-
5 nected together by flexible connections, sub-
stantially as described, whereby provision is
made for holding the arms parallel with the

posts when the longitudinal bars are removed,
as set forth.

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Witnesses:

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