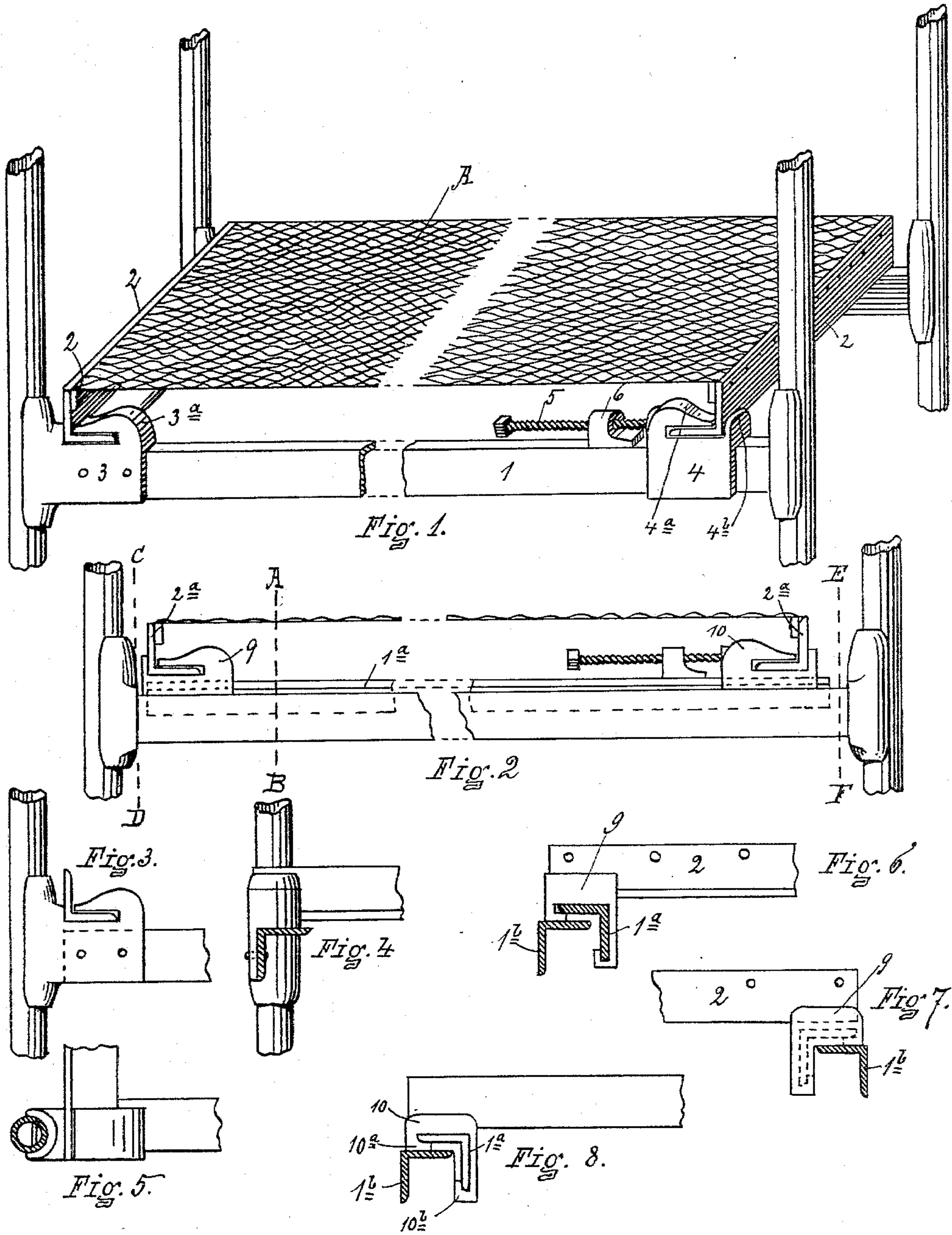


(No Model.)

O. S. FOSTER.  
BED FRAME CONSTRUCTION.

No. 597,673.

Patented Jan. 18, 1898.



WITNESSES.  
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# UNITED STATES PATENT OFFICE.

OSCAR S. FOSTER, OF UTICA, NEW YORK, ASSIGNOR TO THE FOSTER BROS. MANUFACTURING COMPANY, OF SAME PLACE.

## BED-FRAME CONSTRUCTION.

SPECIFICATION forming part of Letters Patent No. 597,673, dated January 18, 1898.

Application filed July 6, 1896. Serial No. 598,105. (No model.)

*To all whom it may concern:*

Be it known that I, OSCAR S. FOSTER, of Utica, in the county of Oneida and State of New York, have invented certain new and useful Improvements in Bed-Frame Constructions; 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, and to the letters and figures of reference marked thereon, which form part of this specification.

My invention relates to improvements in bed-frame constructions, more particularly pertaining to means for stretching the fabric.

In the drawings, Figure 1 shows in perspective my bed-frame construction as applied to and forming part of a bedstead. Fig. 2 shows the bed-frame construction in side elevation formed independently of the bedstead, but in the figure placed in position thereon. Fig. 3 shows details of the construction shown in Fig. 1 in side elevation. Fig. 4 shows the same at right angles from the position shown in Fig. 3 and in a cross-section of the bedstead-rail. Fig. 5 shows a plan view of the construction shown in Figs. 3 and 4. Fig. 6 shows a section taken on line A B of Fig. 2, the parts to the left of the section-line being shown. Fig. 7 shows a section taken on line C D of Fig. 2, the parts to the right of the section-line being shown. Fig. 8 shows a section taken on line E F of Fig. 2, showing the parts to the left of the section-line.

The bed-frame 1 (shown in Fig. 1) consists of side rails 1 1 and cross-bars 2 2, the side rails, as shown in this figure, also constituting the side rails of the bedstead. For securing one side rail 2 there is employed a fixed fastener 3, secured on the end of the side rail and including also means for engaging with the bed-post. This fastener 3 is provided with a hook-like portion 3<sup>a</sup>, which secures one of the cross-bars by hooking over the lower web of the angle-iron of which it is formed from the side toward the middle of the bed. The other cross-bar is held by a sliding fastener 4, which is provided with a hook 4<sup>a</sup>, similar to 3<sup>a</sup>, which engages the lower flange of the angle-iron of which the cross-bar is

formed from the edge toward the middle of the bed, while the flange of the cross-bar is retained under the hook by the shoulder-piece 4<sup>b</sup>. The bed fabric A is secured at its opposite ends to the upwardly-projecting web of the cross-bars and is stretched and held taut by the operation of the set-screw 5, passing through a fixed nut 6, secured on the side rail 1. The fabric in its width is the full length of the cross-bar. This is permitted by the manner in which the hooks which hold the cross-bar engage from the inner side upon the horizontal web of the angle cross-bar. The fastener 4 is provided with lips, which extend around the edges of the flange of the side rail and retain the same in position, so as not to become displaced, while permitting the lateral adjustment of the fastener on the rail by means of the set-screw 5.

The construction of bed-frame shown in Fig. 2 is similar to that shown in Fig. 1, except that it is formed independently of the bedstead. In this construction the angle-iron side rails 1<sup>a</sup> on the edge of their horizontal webs project outward instead of inwardly and are adapted to be placed directly over the side rail 1<sup>b</sup> of a regular angle-iron bedstead. The cross-bars 2<sup>a</sup> of this construction are held by fasteners 9 and 10, respectively. The fastener 9 is provided with a shoulder and hook-like portion adapted to secure the cross-bar, as in the previous construction, and is provided with a socket for receiving one end of the rail, as shown in Fig. 7. The form of the fastener 9 is such as to allow it to fit onto an angle-iron side rail of a bedstead, as indicated in Fig. 7. The fastener 10 is provided with hook-like lips 10<sup>a</sup> and 10<sup>b</sup>, which receive the edges of the side rail 1<sup>a</sup> and retain the fastener in position, while permitting it to be adjusted laterally on the side rail. This fastener is also provided with a hook-like portion and a shoulder for receiving and retaining the cross-bar, as in the previous constructions. The fabric is secured at either end to the two cross-bars of this construction and is stretched and held taut by a set-screw 5, working in a fixed nut 6 against the adjustable fastener 10, as in the previous construction.

It will be noted that parts of the construction shown in Figs. 2, 6, 7, and 8 readily take



their position in a regular bedstead and the side rail of the bed-frame practically coincides, when in position, with the side rail of the bedstead and obviates an excessive width of unyielding surface in the bedstead and bed when set up ready for use.

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

The combination of an angular side rail, an angular cross-bar, a movable cross-bar fastener having an angular base substantially conforming to the shape of the angle side

rail and slidingly mounted thereon, and also having a hook and shoulder for receiving and retaining the angular cross-bar by engagement with the horizontal web thereof as shown, and a set-screw for moving the fastener, substantially as set forth.

In witness whereof I have affixed my signature in presence of two witnesses.

OSCAR S. FOSTER.

Witnesses:

E. W. JONES,

R. H. COLEGROVE.