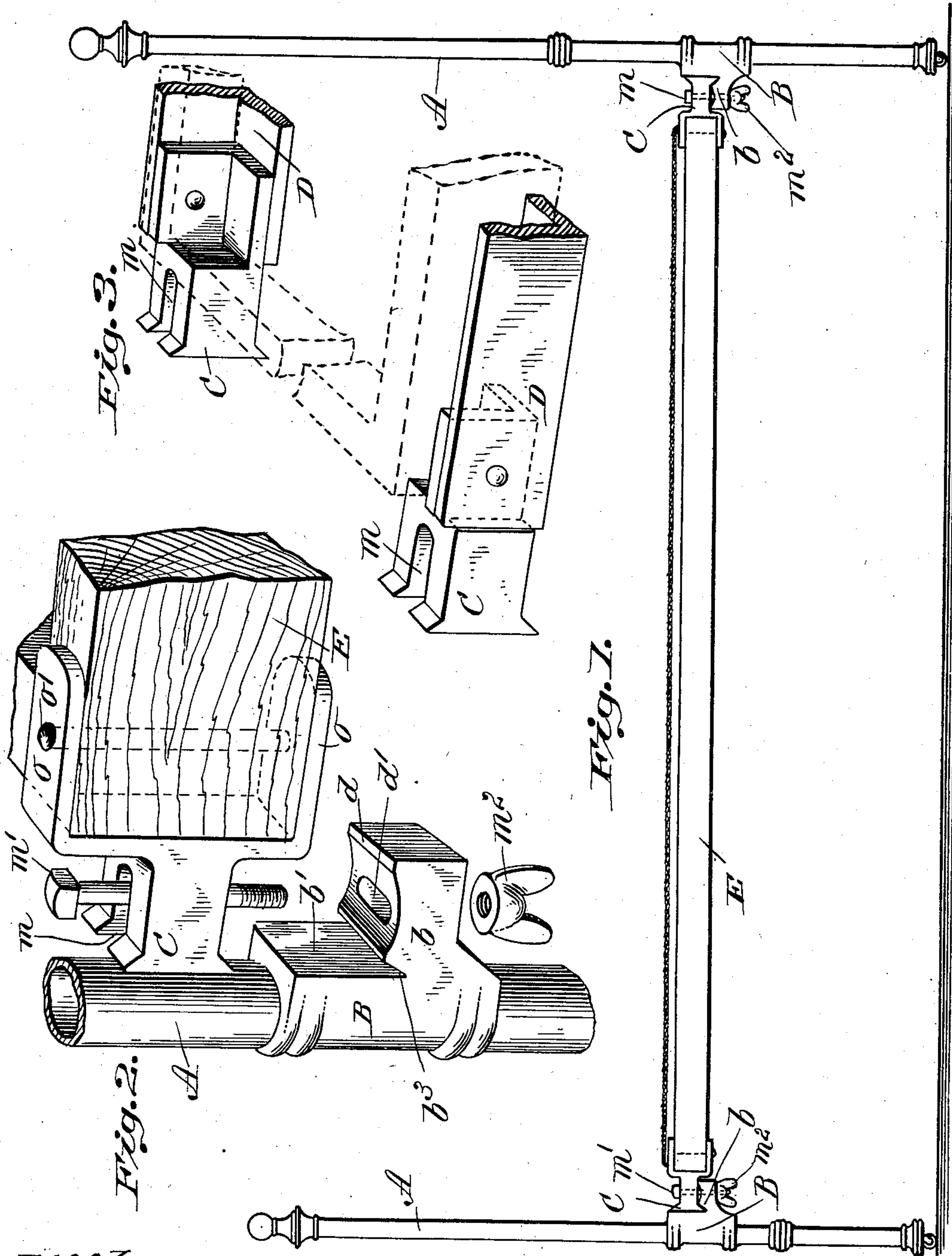


(No Model.)

F. M. TINKHAM.  
BEDSTEAD.

No. 604,947.

Patented May 31, 1898.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

FRANCIS M. TINKHAM, OF SPRINGFIELD, MASSACHUSETTS.

## BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 604,947, dated May 31, 1898.

Application filed August 2, 1897. Serial No. 646,751. (No model.)

*To all whom it may concern:*

Be it known that I, FRANCIS M. TINKHAM, a citizen of the United States of America, residing at Springfield, in the county of Hampden and State of Massachusetts, have invented new and useful Improvements in Bedsteads, of which the following is a specification.

This invention relates to the construction of iron bedsteads, and particularly to fastening devices between the sides and posts of such bedsteads, and has for its object the production of a fastening device for the above-mentioned parts which upon being tightened forces the said parts into their proper position the one relative to the other, and for providing means of lateral accommodation between said parts to compensate for slight variations in the lateral dimensions thereof which will frequently occur.

The invention consists in the construction as fully described in the following specification and pointed out in the claim.

In the drawings forming part of this specification, Figure 1 is a side elevation of a bedstead, showing applied thereto the fastening device for the posts and side rails, which forms the subject of this application. Fig. 2 is a perspective view of a part of a bed-post and a part of a spring-bed frame to which is attached my improved fastening device. Fig. 3 is a perspective view of my fastening device attached to one end of an ordinary angle-rail, which forms the side rail of a bed.

In the drawings, A represents the posts at the head and foot of a bed, and B the supports thereon, to which the side rails are secured. These supports are preferably of metal—as cast iron or brass, for example—and are cast onto the posts A at a proper distance from the ends thereof, and are provided with the projecting parts *b*, made integral therewith and lying at right angles to the said posts A. Said supports B are planed off on their inner surfaces to form the vertical wall *b'*, which terminates at a point below the level of the top of the projection *b*, a V-shaped groove *b<sup>3</sup>* being formed between the lower end of said vertical wall and the top of the said projection *b*, which groove and vertical wall lie at right angles to the side rails of the bed. The upper surface of the projection *b* is con-

caved, as shown, and the edge *d* thereof is made slightly higher than any other point of said surface. An elongated slot *d'* is made in the projection *b*, whose longest dimension is in a plane parallel with the V-shaped groove *b<sup>3</sup>*. The under side of said projection *b* is a plain surface lying at right angles to the post A.

A lug C for engagement with the projection *b* of the support B is secured to the end of a side rail D, as shown in Fig. 3, or to the end of the side E of a frame of a spring-bed construction, as shown in Fig. 2. In the latter case the side rail of the frame E constitutes the side rail of the bedstead. Said lug C is planed off vertically on the end thereof to correspond to the vertical wall *b'* of the support B, and said lug is divided into two parts by a vertical slot *m*, in which is located the bolt *m'*, the threaded end of which passes down through the elongated slot *d'* in the projection *b* and provided with a thumb-nut *m<sup>2</sup>*, said slots *m* and *d'* being located at right angles to each other. The upper and lower edges of the end of the lug contiguous to the vertical wall *b'* of the support B are V-shaped and adapted to fit the groove *b<sup>3</sup>* of the support B. The manner of securing the said lug C to the side rail of a bed or to the end of the frame of a spring-bed is immaterial. In Fig. 2 said lug is shown secured to a spring-bed frame by two arms *o o*, cast integral with said lug and extending over opposite sides of said frame and secured thereon by a pin *o'*, passing through said arms and frame and riveted thereto. In Fig. 3 is shown another means of attachment adapted to the form of the angle-rail shown therein.

In the drawings the lug C is shown with V-shaped edges on both upper and lower sides of the lug, whereby either side could be used in connection with the groove *b<sup>3</sup>* and the projection *b* on the support B; but it is obvious that lugs made for a spring-bed frame, as shown in Fig. 2, would have a V-shaped edge on the bottom of the lug only, as said frames are not reversible. In the case of the angle-rail construction, however, said lugs are preferably made as shown in the drawings.

By means of the construction described herein when the lug C on the end of a side rail or frame of a spring-bed is applied to the support B on the bed-post as described and



by means of the bolt  $m'$  the V-shaped edge on the lower edge of said lug is drawn into the V-shaped groove  $b^3$  the vertical end of the lug is brought closely up against the vertical wall  $b'$ , thus assuring the right-angular position of the frame E or the rail D. As said lug is drawn down to proper position the under side thereof comes to a bearing on the edge  $d$  of the projection  $b$ , thus affording perfect support and perfect alinement.

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

The herein-described fastening for posts and side rails of metal bedsteads consisting of a rail-support cast on said post having thereon a vertical wall  $b'$ , a horizontal projection  $b$ , integral therewith, and a V-shaped groove  $b^3$ , at the base of said vertical wall; a lug for attaching a side rail to one of said

posts, a vertical end on said lug terminating in a V-shaped projection at the base thereof and having a horizontal portion adapted to rest on said projection  $b$ , of said support; an elongated slot in said projection parallel with said V-shaped groove, a slot  $m$  in said lug, a binding-bolt passing therethrough and through said elongated slot, said slot  $m$ , lying at right angles to said elongated slot whereby on the tightening of said bolt and the engagement of said V-shaped projection on said lug with said V-shaped groove, the end of said lug may be free to move toward the vertical wall  $b'$ , on said support, substantially as described.

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Witnesses:

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