

No. 843,456.

PATENTED FEB. 5, 1907.

C. W. HIGBEE & W. SCHENCK.  
BEDSTEAD JOINT.

APPLICATION FILED OCT. 31, 1906.

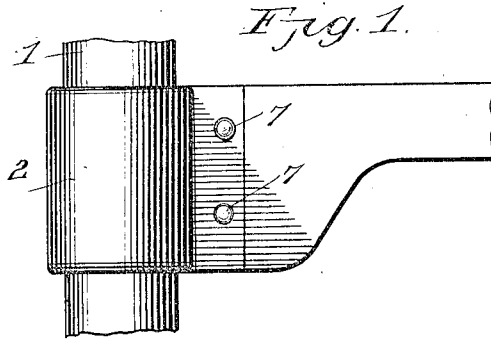


Fig. 1.

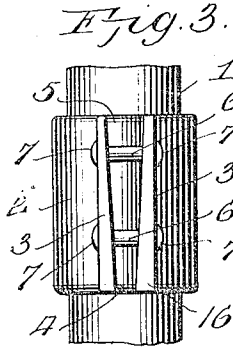


Fig. 3.

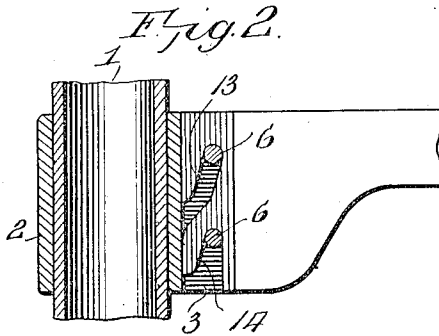


Fig. 2.

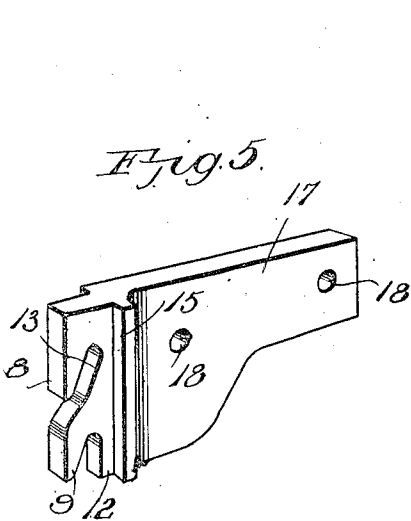


Fig. 5.

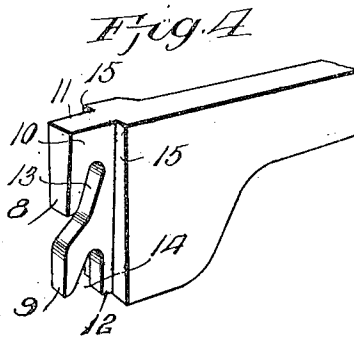


Fig. 4.

Witnesses  
*Frank Hough*  
*C. P. Smyser*

Inventors  
*Clement W. Higbee,*  
*William Schenck,*  
 By *Victor J. Evans*  
 Attorney

# UNITED STATES PATENT OFFICE.

CLEMENT W. HIGBEE AND WILLIAM SCHENCK, OF ATLANTIC CITY, NEW JERSEY.

## BEDSTEAD-JOINT.

No. 843,456.

Specification of Letters Patent.

Patented Feb. 5, 1907.

Application filed October 31, 1906. Serial No. 341,473.

*To all whom it may concern:*

Be it known that we, CLEMENT W. HIGBEE and WILLIAM SCHENCK, citizens of the United States of America, residing at Atlantic City, in the county of Atlantic and State of New Jersey, have invented new and useful Improvements in Bedstead-Joints, of which the following is a specification.

This invention relates to bedstead-joints designed more particularly for connecting the side rails to the corner-posts of iron bedsteads; and one of the principal objects of the invention is to provide a joint which will be easy to operate and which will firmly hold the side rails to the corner-post.

Another object of the invention is to provide a joint in which one member may be connected to a bed-spring for attachment to the corner-post of a bedstead.

These and other objects may be attained by means of the construction illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of a portion of a corner-post and side rail of a bedstead connected by a joint made in accordance with our invention. Fig. 2 is a vertical section of the same. Fig. 3 is a front elevation of the corner-post and one member of the joint secured thereto. Fig. 4 is a perspective view of one end of a side rail of the bedstead made in accordance with our invention. Fig. 5 is a similar view of the attaching member adapted to be connected to a bed-spring for engagement with the corner-post member of the bedstead.

Referring to the drawings for a more particular description of our invention, the numeral 1 designates the corner-post of an ordinary iron bedstead. Secured to the post 1 in any suitable manner is a collar or sleeve 2, which fits snugly upon the post 1 and which may be shrunk thereon, if desired. Projecting horizontally from the sleeve 2 is a pair of spaced lugs 3, said lugs extending from end to end of the sleeve 2, and the opening between said lugs being narrower at the bottom 4 than at the top 5, as shown more particularly in Fig. 3. Cross bars or pins 6 extend through the lugs 3 and may be headed up upon opposite sides of said lugs, as shown at 7, said cross bars or pins being located at the proper distance from the sleeve 2 and at the required distance apart to engage the male member of the joint, said male member being

formed integrally with the end of the side rail or upon a separate joint member designed to be secured to a bed-spring or to a side rail of special construction.

The male member of the joint comprises two downwardly-extending hooks 8 9, formed upon a flange 10, extending longitudinally of the side rail, and said flange gradually tapering in width from the top 11 to the bottom 12 to fit and conform to the tapering opening between the lugs 3. Curved recesses 13 and 14 are formed in rear of the hooks 8 and 9, said recesses extending out to the edge of the flange 10 in order that the hooks 8 and 9 may be readily connected to the cross bars or pins 6. Shoulders 15 are formed upon the opposite sides of the flange 10, said shoulders adapted to fit up against the outer edges 16 of the lugs 3 when the two members are engaged. As shown in Fig. 5, the shank 17 is provided with bolt-holes 18, whereby the male member of the joint may be secured to a bed-spring or to a side rail of special construction. The hooks 8 and 9 and the other parts of the fastener are identical with those shown in the other views of the drawings.

From the foregoing it will be obvious that a bedstead-joint made in accordance with our invention presents a neat and finished appearance, in which there are no projecting parts, that the side rail may be quickly connected to the sleeve 2, and when properly seated the upper edges of the side rail and the flanges 3 lie flush. The side rail is wedged between the flanges 3 in a vertical direction by means of the tapering opening between the flanges 3 and the corresponding shape of the flange 10, while the joint is wedged in a horizontal direction by means of the shape of the hooks 8 and the inclinations of the recesses 13 and 14, thus providing a very firm and reliable joint for the purposes designed.

Having thus described the invention, what we claim is—

1. A bedstead-joint comprising a sleeve secured to the corner-post and provided with outwardly-projecting spaced lugs which gradually converge from top to bottom forming a wedge-shaped opening between the same, cross bars or pins extending through said lugs and spanning the intermediate space between the same, and a male member

of the joint having downwardly-extending hooks and inclined recesses back of said hooks to engage the cross-bars, said hooks being thicker at the top than the bottom to fit the wedge-shaped opening between the lugs, and oppositely-disposed shoulders, substantially as described.

2. A bedstead-joint comprising a sleeve secured to the corner-post and provided with spaced lugs which gradually converge from top to bottom, pins secured to said lugs and spanning the space between the same, and a side rail provided with downwardly-extending hooks to engage said cross-bars formed upon a forwardly-projecting flange on the side rail, said flange being provided with up-

wardly and backwardly extending recesses, and said flange being wedge shape or tapering to fit the space between the lugs, whereby the joint is wedged vertically by means of the corresponding construction of the flanges and hooks, and said side rail is wedged horizontally by means of the contour of said recesses.

In testimony whereof we affix our signatures in presence of two witnesses.

CLEMENT W. HIGBEE.  
WILLIAM SCHENCK.

Witnesses:  
THOMAS TOBIN,  
RALPH A. JOHNSON.