

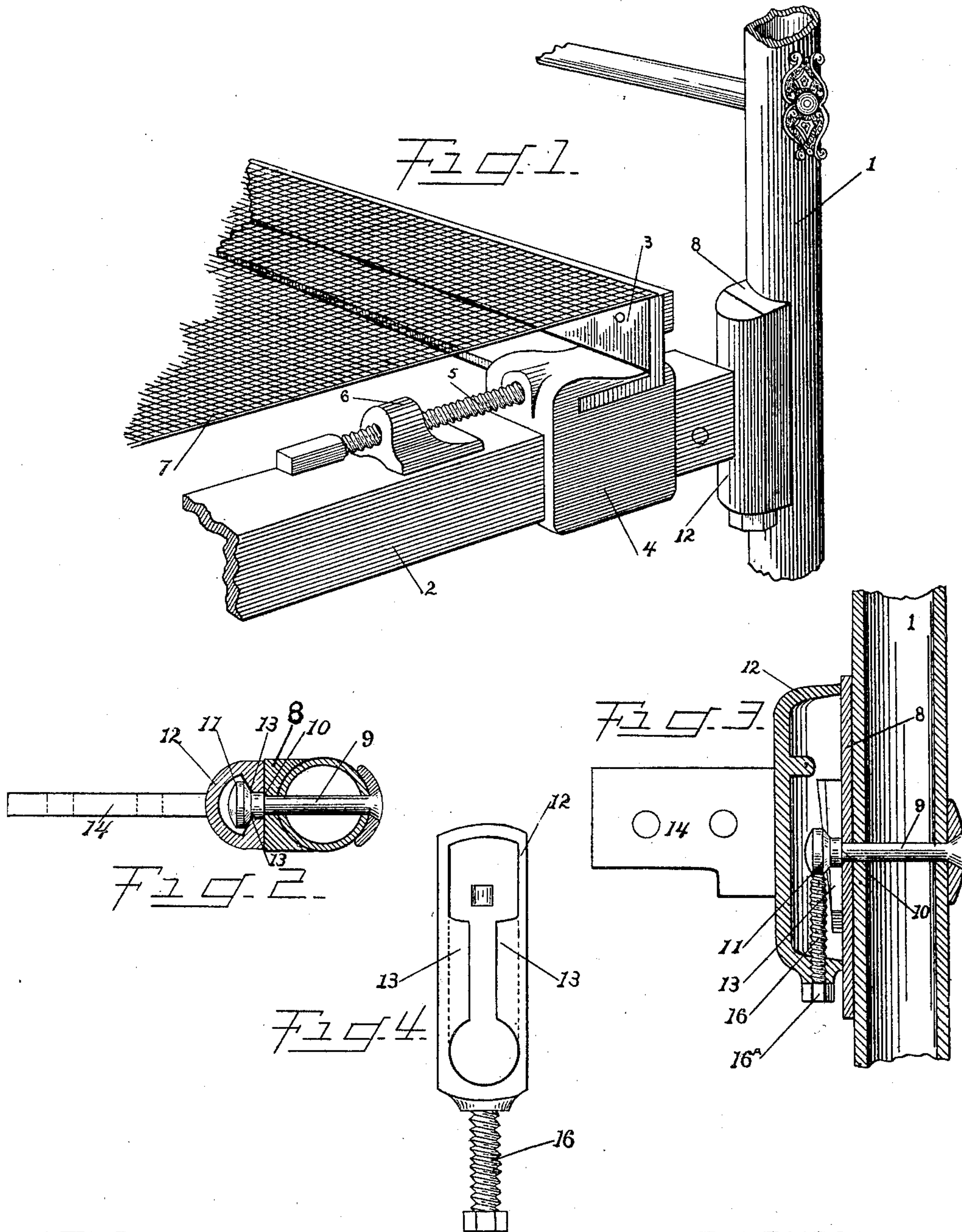
No. 674,857.

Patented May 28, 1901.

O. S. FOSTER.
CORNER FASTENER FOR BEDSTEADS.

(Application filed Aug. 2, 1900.)

(No Model.)



WITNESSES
Chas. A. Kordell.
E. Willard Jones

INVENTOR
OSCAR S. FOSTER.
By *Milton C. Robinson*
Attorney

UNITED STATES PATENT OFFICE.

OSCAR S. FOSTER, OF UTICA, NEW YORK.

CORNER-FASTENER FOR BEDSTEADS.

SPECIFICATION forming part of Letters Patent No. 674,857, dated May 28, 1901.

Application filed August 2, 1900. Serial No. 25,611. (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
5 useful Improvements in Corner-Fasteners for Bedsteads; 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
10 make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form part of this specification.

The object of my present invention is to
15 provide a corner-fastener particularly adapted for use with three-piece metal bedsteads—that is to say, beds consisting of head and foot frames and a bed or mattress frame attached directly to the head and foot frames
20 and the bed made of tubing or other metal, as is usual in modern practice, and provide in said corner-fasteners certain features of novelty and utility which will be hereinafter pointed out.

25 Figure 1 shows in perspective a corner of the bed embodying features of the invention. Fig. 2 is a cross-section through the corner-fastener. Fig. 3 is a vertical section showing details of the corner-fastener. Fig. 4 is
30 a face view of the bed-frame member of the corner-fastener.

A round tubular post of either a head or foot frame of a bedstead is indicated by 1 in the drawings. The bed or mattress frame
35 shown consists of side rails 2 and cross-bars 3, secured together by a holding device 4, which, as the construction is shown in the drawings, is capable of sliding on the side rail 2 to stretch or tighten the fabric 7. The
40 movement or adjustment is effected by the screw 5, mounted in the nut 6 on the side rail.

On the post is placed a projecting post-piece 8, grooved on one side to fit the post and having a plain face on the opposite side. The piece 8 is
45 secured to the post by a rivet 9 passing through a substantially central opening in the piece 8 and through the post and having a shoulder 10 engaging with the piece 8. The rivet 9
50 also has a portion projecting beyond the face of the post-piece and carrying or supporting the head 11. The bed-frame member or fixture 12 is hollowed or recessed from its face

to receive the projecting portion of the rivet and has shoulders 13 13 on either side of the recess to engage the head 11, as shown. The
55 shoulders 13 are preferably inclined, as shown in Fig. 3, whereby the parts are drawn together. The member 12 is shorter than the post-piece 8, whereby the recess is maintained closed, while permitting a latitude of
60 position vertically of the parts with reference to each other. A shank 14 is provided on the member 12, whereby it may be attached to the bed-frame.

In placing the parts together the head 11
65 is entered at the opening 15. A set-screw 16 passes through the lower end of the frame member 12 and is adapted to engage the head 11 to force the parts into fixed connection. The set-screw 16, which may have a head 16^a,
70 also serves as a lock to prevent the corner being taken apart and is of value in insane asylums and similar places. The set-screw 16 is preferably made to work so tightly as not
75 to be turned without a tool, and a special head requiring a special tool may be provided on the set-screw. The set-screw 16 has to be
80 withdrawn to the position shown in Fig. 4 to permit the parts to be taken apart or put together.

It will be noted that in connecting and disconnecting this corner-fastener the only
points of contact or friction or scraping are on the faces of the parts 8 and 12, whereby the
85 objection of scraping the enamel from the post, so as to detrimentally affect the appearance and interfere with the action of the corner-fastener, is obviated. Also in setting up
90 the bed any of the corners may be preliminarily connected, and the corner or corners so connected will swivel or turn as on a pivot
95 in permitting the necessary movements of the parts to get the other corners together, and any warped or out-of-true condition of the bed-frame or end frames is no hindrance to
100 making the connection. After preliminary connections are secured at all corners the fasteners may be forced down to a tight joint by the set-screws when used or by driving
when not in use. In many beds it is necessary to make the connection between the bed-frame and end frame simultaneously in order to accomplish the connection at all. This act is attended with many difficulties when

the bed-frame is warped or out of true. With this fastener there is such freedom of play of parts that all these troubles are obviated and a perfectly tight joint is secured even if the parts are so out of true form or unskillfully constructed as to prevent the connections at the corners being made at all in other constructions for the same purpose.

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

1. The combination in a corner-fastener for beds, of a round post, a post-piece grooved to fit the post and having a plain outer face, a rivet having a shoulder to engage and secure the post-piece in position on the post, and having a headed portion projecting from the plain face of the post-piece, a frame member having a plain face to engage the face of the post projection, a recess to receive the projecting portion of said rivet, and shoulders on either side of the recess to engage the head of the rivet, substantially as described.

2. The combination in a corner-fastener for beds of a post, a projecting post-piece grooved

to fit the post having a plain straight outer face, a headed projection located substantially centrally on said outer face, a frame member having a plain face to fit the face of the post-piece, a recess to receive the headed projection and shoulders to engage the head of the projection, substantially as set forth.

3. The combination in a corner-fastener for beds of a post, a projecting post-piece secured to the post, a headed projection projecting from the post-piece, a frame member having a recess to receive the headed projection and inclined shoulders to engage the head of the projection and a set-screw threaded into the frame member and arranged to operate on the head of the projection, substantially as set forth.

In witness whereof I have affixed my signature, in presence of two witnesses, this 31st day of July, 1900.

OSCAR S. FOSTER.

Witnesses:

E. WILLARD JONES,
SARAH A. BROWN.