

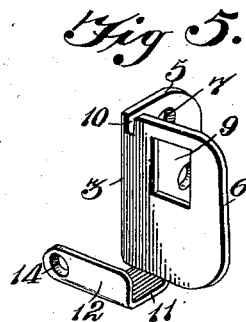
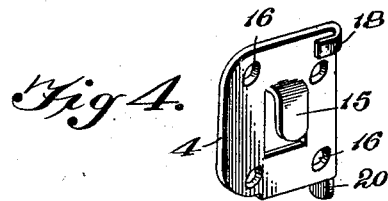
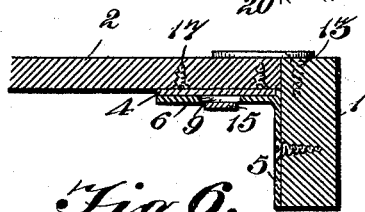
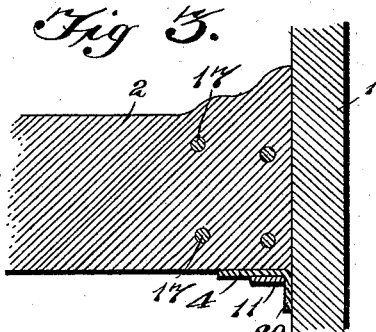
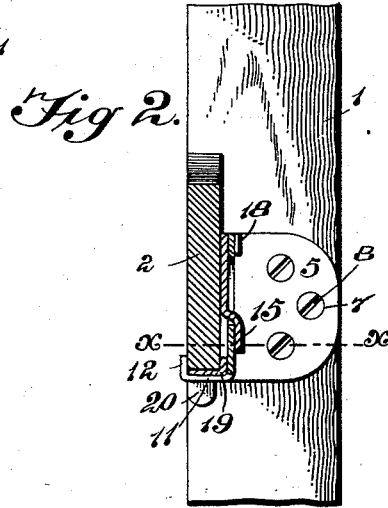
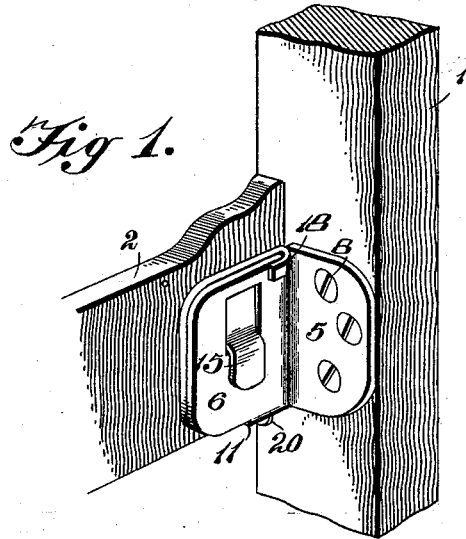
No. 647,521.

Patented Apr. 17, 1900.

A. D. RAPE.  
BEDSTEAD FASTENING.

(Application filed Jan. 19, 1900.)

(No Model.)



Witnesses

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# UNITED STATES PATENT OFFICE.

AUGUSTUS D. RAPE, OF QUITMAN, TEXAS.

## BEDSTEAD-FASTENING.

SPECIFICATION forming part of Letters Patent No. 647,521, dated April 17, 1900.

Application filed January 19, 1900. Serial No. 2,036. (No model.)

*To all whom it may concern:*

Be it known that I, AUGUSTUS D. RAPE, a citizen of the United States, residing at Quitman, in the county of Wood and State of Texas, have invented a new and useful Bedstead-Fastening, of which the following is a specification.

This invention relates to means for connecting the side rails of bedsteads to the legs thereof, and has for its object to provide an improved detachable connection of this character which will facilitate the assembling of the parts and which will effectually prevent accidental separation or loosening thereof, while permitting of the parts being conveniently detached for taking the bedstead apart or for any other purpose.

To these ends the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the appended claims without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a perspective view of a portion of a bedstead-leg having one of the side rails connected thereto by means of the present invention. Fig. 2 is a vertical transverse sectional view taken through the side rail and showing the interlocking engagement of the members of the present device. Fig. 3 is a sectional view taken longitudinally through the side rail. Figs. 4 and 5 are detail perspective views of the respective plates or members comprising the present device. Fig. 6 is a horizontal transverse sectional view taken on the line *x x* of Fig. 2.

Corresponding parts in the several figures of the drawings are designated by like characters of reference.

Referring to the accompanying drawings, 1 designates a portion of an ordinary bedstead-leg, and 2 the contiguous end of one of the side rails. These parts may be of any common or preferred type and are shown to more fully illustrate the application and operation of the present invention.

In carrying out my invention I employ separate plates or members 3 and 4, respectively, of which the angular plate 3 is designed for application to the bedstead-leg and the other flat plate 4 for application to the inner face of the contiguous end of the side rail.

The angular plate 3 is best illustrated in Fig. 5 of the drawings and comprises opposite wings 5 and 6, respectively, which are of substantially the same size and disposed at substantially right angles to each other. The wing 5 is applied to the inner side of the bedstead-leg, so as to dispose the other wing 6 inwardly from the inner side of the leg, and is provided with openings 7 for the reception of suitable screw-fastenings 8, whereby the plate may be firmly secured to the leg. The wing 6 is provided with a substantially-rectangular opening 9, which is located midway between the front and rear edges of the wing and adjacent to the upper edge thereof, and the latter is provided with a vertical notch or socket 10, located contiguous to the outer face of the wing 5. Projecting laterally outward in a direction opposite to that of the wing 5 and from a point intermediate of the front and rear ends of the lower edge of the wing 6 is an arm or extension 11, and projecting from the outer end of the latter rearwardly or toward the wing 5 is a strap 12, the rear end of which overlaps the outer side of the leg 1 and is secured thereto by means of a suitable fastening 13, passing through an opening 14, formed in the rear end of said strap. It will thus be apparent that the angular plate 3 is connected to adjacent sides of the bedstead-leg, so as to dispose the wing 6 intermediate of the inner and outer sides of the leg, and that said wing is effectually braced by means of the strap 12 and the lateral arm 11.

By reference to Fig. 4 it will be seen that the rail-plate 4 is substantially flat, having a central tongue 15 struck therefrom and bent or offset laterally upon the outer side of the plate. This tongue is connected at its upper end to the plate and has its lower end entirely free therefrom. Grouped about the tongue is a plurality of openings 16 for the reception of screw-fastenings 17, whereby the plate may be secured to the inner side of the rail. The general shape of the plate 4 is rectangular,

and extending forward from the inner straight edge thereof is a hook 18, which is located at the upper end of said inner edge and also flush with the upper edge of the plate. Furthermore, this hook is located upon the outer side of the plate, as is also the tongue 15. Extending outwardly from the lower edge of the plate and opposite the tongue 15 is a flange 19, adapted for connection with the lower side of the rail 2, and at the inner end of this flange is a pendent lug or shoulder 20.

To connect the side rail of the bedstead to one of the legs thereof, the attaching-plates having been secured in place, as hereinbefore described, the adjacent end of the rail is placed upon the seat formed by the lateral arm 11 of the angular plate, said rail being originally inclined outward, so as to permit of the tongue 15 passing the upper edge of the wing 6, after which the rail is again brought into an upright position and depressed until firmly seated upon the arm 11, thereby engaging the end of the tongue 15 through the opening 9 in the wing 6 and against the outer face of the latter at a point below the opening. The hook 18 is also seated in the notch or socket in the upper edge of the wing 6, and the lug or shoulder 20 is received between the rear side of the arm 11 and the adjacent side of the bedstead-leg, as best shown in Fig. 3 of the drawings. Thus it will be seen that the side rail 2 is firmly supported upon the transverse arm 11, and the tongue 15, the hook 18, and the lug or shoulder 20 prevent the plates from being separated laterally in opposite directions, while the rail is free to be elevated for the purpose of disconnecting the plates. It has not been deemed necessary or desirable to guard against accidental upward movement of the rail, as the weight of the latter is sufficient to prevent such movement, and by dispensing with stops for preventing upward movement of the rail the assembling and separation of the plates are greatly facilitated. To disconnect the plates, it is simply necessary to elevate the rail 2, thereby lifting the hook 18 out of engagement with the notch 10 and the lug or shoulder 20 out of engagement with the lateral arm 11, after which the rail is tilted outward, so as to draw the tongue 15 through the opening 9, and the plates are thereby disconnected and the rail may be removed from the bedstead.

Having thus described the invention, what is claimed, and desired to be secured by Letters Patent, is—

1. A fastening device for bedsteads, comprising a plate for attachment to the bedstead-leg, and provided with a laterally-projecting seat for the support of the side rail, and a rearwardly-projecting strap for attachment to the bedstead-leg, and a plate for attachment to the side rail, and having a detachable lat-

eral interlocking engagement with the former plate, substantially as described.

2. A fastening device for bedsteads, comprising an angular plate for attachment to the inner side of the bedstead-leg, one of the sides of the plate having a laterally-projecting arm extending from the lower edge thereof and forming a seat for the side rail, and a strap extending rearwardly from the outer end of the arm and designed for attachment to the outer side of the bedstead-leg, and a plate for attachment to the inner side of the rail, having a detachable lateral interlocking engagement with the leg-plate, substantially as described.

3. A fastening device for bedsteads, comprising a plate for attachment to the inner side of the bedstead-leg, and provided with a laterally-projecting seat located in advance of the inner edge of the plate, and a plate for attachment to the side rail, having a pendent lug or shoulder for engagement with the rear edge of the laterally-projecting seat, and also having a detachable lateral interlocking engagement with the leg-plate, substantially as described.

4. A fastening device for bedsteads, comprising a plate for attachment at substantially right angles to the inner side of the bedstead-leg, and provided with a notch or socket located in the inner edge of the plate, and also a laterally-projecting seat, and a plate for attachment to the side rail provided with a hook for engagement with the notch in the leg-plate, said rail-plate having a detachable lateral interlocking engagement with leg-plate, substantially as described.

5. A fastening device for bedsteads, comprising an angular plate, one of the sides of which is designed for application to the inner side of the bedstead-leg, the other side being provided with an opening, and a notch located in the upper edge and at the inner end of the side, a lateral arm projecting from the lower edge of the latter side of the plate and opposite the former side thereof, and a rearwardly-extending strap provided at the outer end of the arm and designed for attachment to the outer side of the bedstead-leg, and a plate for attachment to the inner side of the side rail of the bedstead, and provided with a laterally-offset tongue for engagement through the opening in the leg-plate, a laterally-offset hook for engagement with the notch in said plate, and a pendent lug or shoulder for engagement with the rear edge of the latter arm, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

AUGUSTUS D. RAPE.

Witnesses:

T. J. GOODWIN,  
LEE RALEY.