No. 739,020. PATENTED SEPT. 15, 1903.

J. M. NICHOLS.

BEDSTEAD FASTENER.

APPLICATION FILED FEB. 3, 1903.

NO MODEL.

Fig. 1.

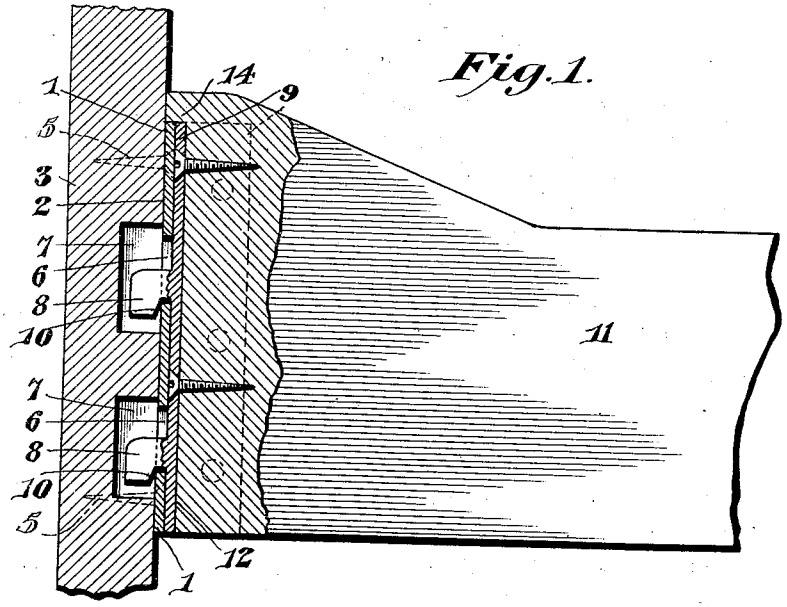


Fig. 2.

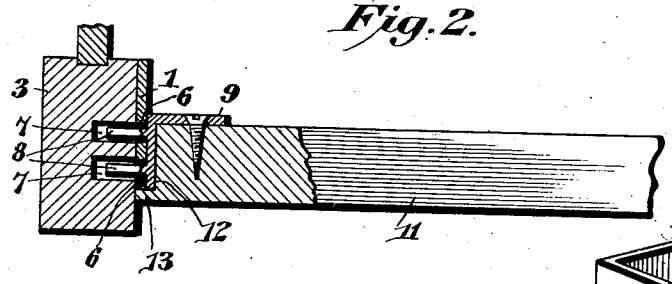


Fig. 3.

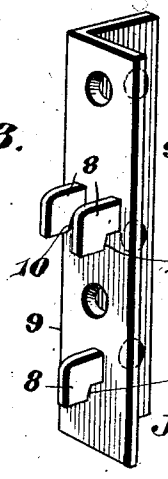
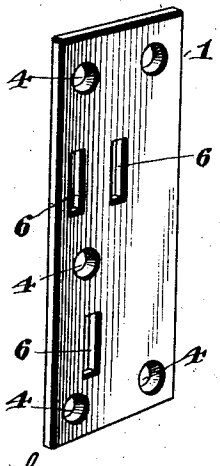


Fig. 4.



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No. 739,020. Patented September 15, 1903.

UNITED STATES PATENT OFFICE.

JAMES MILLER NICHOLS, OF ADELAIDE, GEORGIA.

BEDSTEAD-FASTENER.

SPECIFICATION forming part of Letters Patent No. 739,020, dated September 15, 1903.

Application filed February 3, 1903. Serial No. 141,667. (No model.)

To all whom it may concern:

Be it known that I, JAMES MILLER NICHOLS, a citizen of the United States, residing at Adelaide, in the county of Bulloch and State of Georgia, have invented a new and useful Bedstead-Fastener, of which the following is a specification.

The invention relates to improvements in bedstead-fasteners.

The object of the present invention is to improve the construction of bedstead-fasteners and to provide an exceedingly simple and inexpensive one of great strength and durability adapted to be readily applied to the side rails and corner-posts of a bedstead and capable of enabling the same to be readily connected and separated for setting up and taking down bedsteads.

A further object of the invention is to provide a bedstead-fastener of this construction which will effectually prevent vermin from obtaining access to the interlocking parts and which will present tightly-fitting metallic surfaces surrounding the same, whereby the joints of a bedstead will be practically vermin-proof.

Another object of the invention is to provide a bedstead-fastener which will not require recessing the corner-posts to receive the members or elements which are applied to the same and to enable the fastener to be concealed from view from the exterior of the bedstead and to provide a tight-fitting connection between the rails and the posts.

With these and other objects in view the invention consists in the novel construction and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and particularly pointed out in the claims hereto appended, it being understood that changes in the form, proportion, and minor details of construction within the scope of the claims may be made without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a vertical sectional view of a portion of a bedstead provided with a fastener in accordance with this invention. Fig. 2 is a horizontal sectional view. Figs. 3 and 4 are detail perspective views of the plates or members of the bedstead-fastener.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates an oblong plate or member secured to the inner face 2 of a corner-post 3 and projecting therefrom and provided with perforations 4 for the reception of screws 5 or other suitable fastening devices for securing the plate or member 1 to the corner-post 3. The plate or member 1 is provided with upper and lower vertical slots 6, and the corner-post is provided in rear of the slot 6 with vertical recesses 7, registering with the slots and adapted to permit hook-shaped tongues 8 to engage the plate or member 1. The vertical recesses 7, which are narrow, are covered by the plate or element 1, and vermin is effectually excluded from them by a plate or member 9 upon which the tongues 8 are mounted. The tongues, which are approximately L-shaped, are provided with inner upright beveled edges 10 for engaging the inner or rear face of the plate or member 1, whereby the two plates or members and the side rail 11 and the corner-post 3 are drawn tightly together when the parts are interlocked. The metal plates or members fit tightly together and prevent vermin from entering the vertical slots and the recesses in rear thereof. The plate or member 1 has a pair of slots 6 at its upper portion and a single slot at its lower portion, the hook-shaped tongues being correspondingly arranged, as clearly illustrated in Fig. 3 of the drawings.

The plate or member 9 is L-shaped in cross-section, being composed of two wings or flanges arranged at right angles to each other and provided with perforations for the reception of screws or other suitable fastenings for securing them to the end and inner face of the side rail. The side rail is provided at its end with a recess 12 of a depth approximately equal to the combined thickness of the plates or members to enable the same to be housed within the recess of the side rail and concealed from view from the exterior of the bedstead, as clearly illustrated in Fig. 2 of the drawings. This recess 12 extends upward from the lower end of the plate or member 9 and from the lower edge of the side rail, and it terminates short of the upper edge of the same. It also extends from the inner face of

the side rail to a point adjacent to the outer face thereof, forming an outer upright flange 13, extending over the adjacent edges of the plates or members 1 and 9. The recess of the side rail also forms a projecting top portion 14, which covers the upper ends of the plates or members. The vertical edges or faces of the flanges or portions at the ends of the side rail of the bedstead fit snugly against and are drawn tightly to the corner-posts by the fastening devices, and vermin is effectually excluded from the bedstead-joint at those points.

It will be seen that the bedstead-fastener is exceedingly simple and inexpensive in construction, that it possesses great strength and durability, and that it is adapted to be readily applied to the corner-posts and side rails of a bedstead. Also it will be clear that the bedstead-fastener presents tightly-fitting metal faces around the interlocking parts and effectually excludes vermin from the same. Furthermore, it will be apparent that both sections or members are concealed within the end recess of the side rail and that the latter is drawn tightly against the corner-post by the bedstead-fastener. The two upper hook-shaped tongues form a firm support for the side rails of the bedstead, and the lower tongue maintains the side rails in a perpendicular position and prevents any lateral movement of the same.

It will be understood that the invention is not restricted to bedsteads, but may be employed in analogous arrangements for detachably connecting two members or elements.

What is claimed is—

1. In a device of the class described, the combination with a corner-post, of a side rail provided with an end recess offset from the top and outer face of the side rail, a plate or member secured to and projecting from the face of the post and arranged within the recess of the side rail and provided with a slot, and a plate or member secured to the side rail in the recess thereof and provided with a tongue for engaging the said slot, substantially as described.

2. In a device of the class described, the combination with a corner-post, of a side rail having an end recess and fitted against the corner-post, said end recess being offset from the upper and outer faces of the side rail, a plate or member secured to the face of the post and projecting beyond the same into the end recess of the side rail and located within the same when the parts are assembled, and a plate or member secured to the side rail in the end recess thereof and spaced from the adjacent end edges of the same, and fitting against the said plate or member and provided with means for engaging the same and for drawing the parts together, whereby the plates or members and the post and side rail will be held firmly in contact with each other, substantially as described.

3. In a device of the class described, the combination of a corner-post, a side rail having an end recess offset from the top and outer faces of the side rail to provide projecting top and outer flanges, a plate or member secured to the corner-post and projecting outward from the inner face thereof and located within the recess of the side rail and provided with slots, and an L-shaped plate or member secured to the end and inner face of the side rail and extending into the recess thereof and spaced from the adjacent end edges of the side rail and fitting against the said plate or member, said L-shaped plate or member being provided with hook-shaped tongues extending into the said slots and engaging the inner face of the member or plate having the slots, substantially as described.

4. In a device of the class described, the combination with two members, one of the members provided with a recess offset from the exposed faces thereof, a plate secured to the other member and projecting therefrom and fitting within the said recess and provided with slots, and an L-shaped plate secured to the recessed member and extending into the recess thereof and fitting against the said plate, said L-shaped plate provided with hook-shaped tongues extending into the said slot, 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.

JAMES MILLER NICHOLS.

Witnesses:
R. LEE MOORE,
R. F. LESTER.