T. B. Gregory,

Bedstead Fastener.

No. 109,774. Patented Sept. 27, 1870.

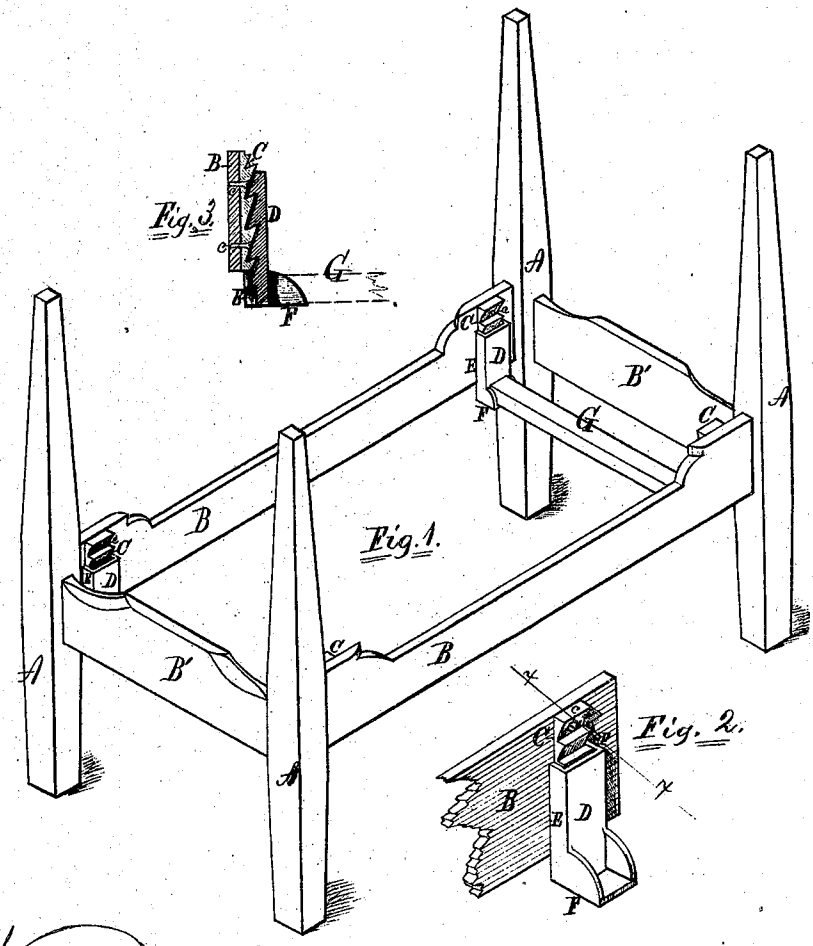

Fig. 1.

Fig. 3.

Fig. 2.

Witnesses:-
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THOMAS BRIGGS GREGORY, OF CHAMPAIGN, ILLINOIS.

Letters Patent No. 107,774, dated September 27, 1870.

IMPROVEMENT IN BEDSTEAD-CLAMPS.

The Schedule referred to in these Letters Patent and making part of the same.

I, THOMAS BRIGGS GREGORY, of Champaign, in the county of Champaign and State of Illinois, have invented certain Improvements in "Adjustable Clamps for Bedsteads," of which the following is a specification.

Nature and Objects of the Invention.

The nature of my invention relates to a clamp, one of which is attached to the side rails, near each corner, of any ordinary bedstead, and is provided with a projecting socket, for supporting the slat-bearers, or bearers for any style of bed-bottom, each clamp being made in two parts, one of which is a ratchet-plate, and is secured to the side rail, and the other is a plate with flanges, partly embracing the ratchet-plate, to prevent side movement, and also having ratchet-teeth engaging with the teeth on the aforesaid plate, and on which its relative position to the bedstead vertically, may be adjusted, all as hereinafter fully described.

Description of the Accompanying Drawing.

Figure 1 is a perspective view of a bedstead, showing my improvements.

Figure 2 is a perspective view of one clamp, and a section of one side rail.

Figure 3 is a vertical sectional view of fig. 2, on the plane of the line *x x*.

General Description.

A A A A represent the posts of an ordinary bedstead.

B B are the side rails; and

B' B' are the foot and head-boards.

C is a plate, made of any suitable material, flat on one side, and provided with ratchet-teeth on the other, as plainly shown at fig. 3, and is attached to the inner sides of the side rails B B by the screws *c c*, or their equivalents.

D is a plate, made also of any suitable material, and has flanges, E E, at its sides, which embrace the sides of plate C, allowing a free vertical movement of the plate D.

The plate D is provided with ratchet-teeth on its inner side, as plainly shown in fig. 3, which engage with the teeth on the ratchet-plate C.

F is a socket, formed by projecting flanges on the lower end of plate D.

G G are bearers, their ends resting in the sockets F.

The operation of my invention is deemed simple from an inspection of the drawing.

One of the plates, C, is attached near each corner of the bedstead, to the side rails B B. The plates D may then be put in position, as shown in the drawings, when they are ready to receive the ends of the bearers G in the sockets F.

One of the bearers, G, is placed at each end of the bedstead, and serve as bearers or supports for any ordinary bed-bottom, or for slats.

It will be plainly seen that either end of the bed-bottom may be raised or lowered at pleasure by adjusting the position of the plates D on the plates C, and that the plate D will be held securely and firmly by the ratchet-teeth on its inner face, engaging with the teeth on the plate C, while the flanges E will prevent any possibility of the plates D slipping off the plates C laterally.

The advantages secured by the above-described adjustment are deemed obvious, and need no description.

Claim.

I claim as my invention—

The adjustable clamp, consisting of plates C and D, constructed as described, and combined and arranged to operate with the bearers G G and the side rails B B of a bedstead, substantially as described and for the purpose specified.

Witnesses: THOMAS BRIGGS GREGORY.

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