

Merrell & Tynner,

Bed Bottom,

No. 10,313,

Patented Dec. 13, 1853.

Fig. 1.

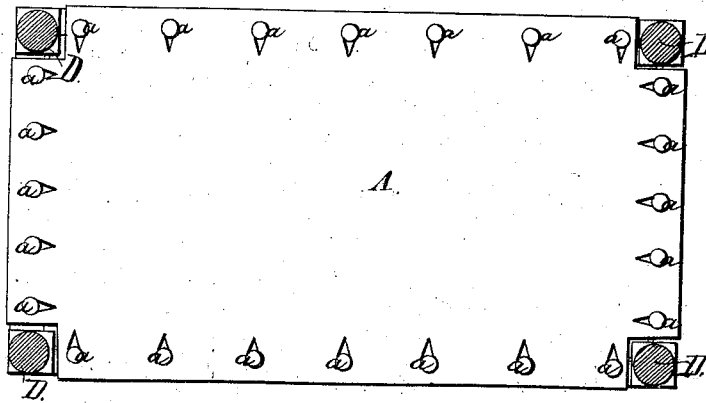


Fig. 2.

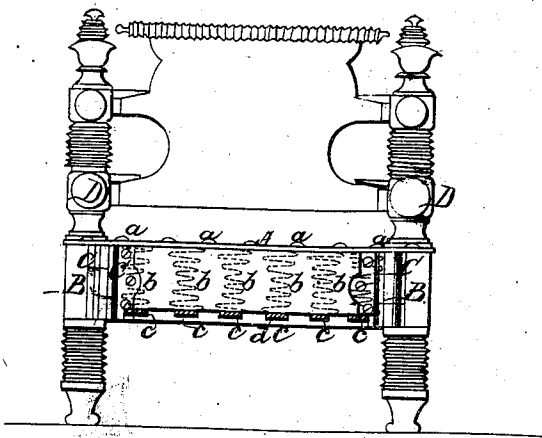


Fig. 3.

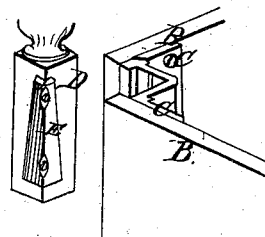
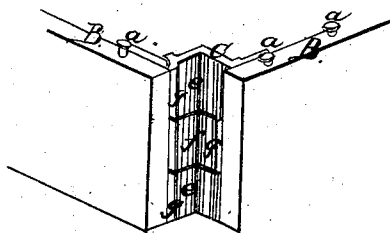


Fig. 4.



UNITED STATES PATENT OFFICE.

W. E. MERRILL AND F. TUPPER, OF NASHUA, NEW HAMPSHIRE.

BEDSTEAD-FASTENING.

Specification of Letters Patent No. 10,313, dated December 13, 1853.

To all whom it may concern:

Be it known that we, WESTLEY E. MERRILL and FREEMAN TUPPER, of Nashua, in the county of Hillsboro and State of New Hampshire, have invented certain new and useful Improvements in Bedsteads; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1, is a plan or top view of the bedstead; the posts being bisected in order to show clearly the manner in which the canvas is attached to the rails. Fig. 2, is a transverse vertical section of the bedstead taken through the center. Fig. 3, is a section showing the device by which the rails are secured to the posts. Fig. 4, is also a section further illustrating the devices in Fig. 3.

Similar letters of reference indicate corresponding parts, in each of the several figures.

The nature of our invention consists in a peculiar device, which will be hereinafter described, for securing the rails to the posts.

By the above improvements, the bedstead is rendered very portable; as it may be taken apart and again put together, in a short period of time; and the canvas or sacking bottom may be taken from, or adjusted to, the rails, with the greatest facility.

To enable others skilled in the art to fully understand and construct our invention, we will now proceed to describe the same.

A, (more particularly seen in Fig. 1,) represents a canvas or sacking bottom, having a series of holes around its edges.

B, B, B, B, represent the rails, having upon their upper surfaces, a series of buttons, (a), which pass through the holes in the canvas or sacking bottom, when the said canvas is secured to the rails, as seen in Fig. 1.

To the under side of the canvas A, are attached a series of springs, (b), seen in dotted lines in Fig. 2, which springs are

secured to horizontal slats, (c). These slats, (c), rest upon cleats, (d), which are secured to the head and foot rails of the bedstead, as seen in Fig. 2. The slats, (c), are not attached to the cleats, but merely rest upon them, or in recesses made in the cleats.

By the above arrangement, it will be seen that the canvas may be taken from, or adjusted to, the rails, in a moment of time, and with the greatest facility.

At the ends of the rails, B, there are attached corner irons, C; each corner iron being bent in zig-zag form, so as to make a recess for the reception of the post; this is seen in Figs. 3, and 4. The iron on the end of one rail has two prongs or angular projections, (e), (e); and the iron on the end of the adjoining rail is provided with one prong or projection, (f), which fits between the prongs, (e), (e); see Fig. 4. Each of the prongs, is provided with a small cleat, (g), at the extreme end of the rail; and the post, D, has a beveled clamp or dog, E, seen in Fig. 3, which dog fits in the recess formed by the irons, C, and binds against the cleats, (g); and thus, the post and the rails are firmly secured together.

By merely raising the rails, B, they may all be detached from the posts. Thus it will be seen that the bedstead may be taken apart and again put together with the greatest facility; and that the canvas, also, with its springs may be taken from and adjusted to the rails, in a moment of time.

Having thus described our invention, what we claim as new and desire to secure by Letters-Patent, is—

We claim securing the posts and rails together, by means of the corner-irons, C, attached to the ends of the rails, and the clamp or dog, E, attached to the posts; the said corner-irons and clamps or dogs being constructed and arranged substantially as herein shown and described.

W. E. MERRILL.
F. TUPPER.

Witnesses:

ENOCH MERRILL,
GEO. E. DOWNES.