

(No Model.)

L. G. BRADFORD.
BEDSTEAD FASTENING.

No. 251,091.

Patented Dec. 20, 1881.

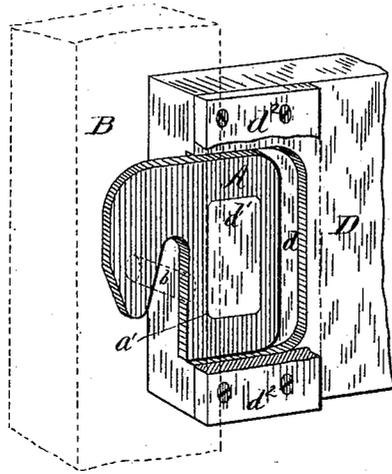


Fig. 1.

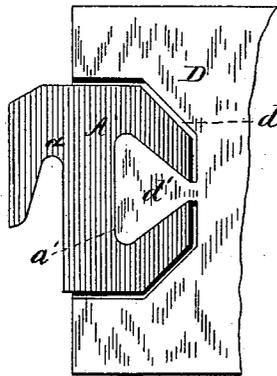


Fig. 2.

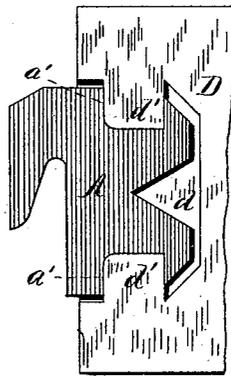


Fig. 3.

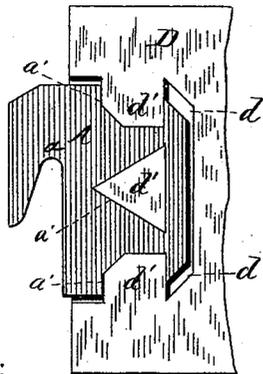


Fig. 4.

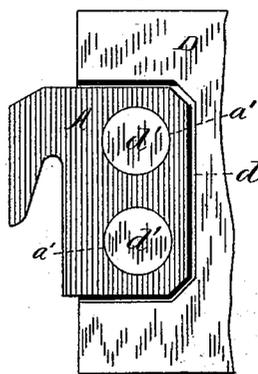


Fig. 5. Inventor.

Lewis G. Bradford
by J. E. Maynard
his atty.

Witnesses:
Wm. Pittel
John R. Snow.

UNITED STATES PATENT OFFICE.

LEWIS G. BRADFORD, OF PLYMOUTH, MASSACHUSETTS, ASSIGNOR TO THE
BRADFORD JOINT COMPANY, OF SAME PLACE.

BEDSTEAD-FASTENING.

SPECIFICATION forming part of Letters Patent No. 251,091, dated December 20, 1881.

Application filed October 17, 1881. (No model.)

To all whom it may concern:

Be it known that I, LEWIS G. BRADFORD, of Plymouth, in the county of Plymouth and State of Massachusetts, have invented a new and useful Improvement in Bedstead-Fastenings, of which the following is a specification.

My invention relates to bedstead-fastenings in which a metal plate attached to the rail is adapted to be connected to the post; and it consists of an improvement on the fastening for which I obtained Letters Patent of the United States No. 130,973, dated September 3, 1872, the object being to use a flat plate and connect it to the rail by the interior edges of one or more openings in the plate.

In the accompanying drawings, Figure 1 is a perspective view of one of my improved joints, with a portion of the covering-plate broken away to show the interior. Figs. 2, 3, 4, and 5 show modified forms of my improved plates.

The plate A is flat, (and not bent to form a rib, as in the patent above mentioned,) and has a hook, *a*, that enters the saw-kerf in post B and hooks over a pin, *b*, passing through that post, in the usual way, or is otherwise adapted to take hold of post B. That part of plate A that is to be attached to the rail B is formed with one or more openings, *a'*, as shown in the drawings, and a recess, *d*, is made in the side of the rail D, the depth of the recess being just the thickness of the plate A, so that when the plate is placed in this recess *d* the part *d'* of the rail will project through the opening *a'*, and the surface of the plate will be flush with the surface of the rail. The covering-piece *d²* is then secured to the rail. The recess *d* is readily formed by well-known machines, so that the part *d'* shall be a neat fit for the opening *a'* in

plate A; and it will be seen that plate A is brought into its proper place by simply fitting it over the part *d'* of the rail, and is securely held by the close fit of part *d'* in the opening *a'*.

I am aware of the Patent No. 228,728, of June 15, 1880; but in that patent points or projections from the plate abut against the face of the rail, and in use these points soon wear into the rail and make the plate loose. These points or projections are intended to prevent the plate from sagging by moving on the central projection, and some provision of this kind is indispensable. To give these projections a bearing on the face of the rail there must be a nice fit between the wood and the outer edges of the plate. In my improved fastening the interior edges of the openings alone prevent the plate from sagging. It is not necessary that the outer edges of the plate should touch the wood, and no nicety of fit is required except for the part that fits the openings. The outer edges of the plate and the inner edges of the recess in the rail do not need any finishing or fitting. I therefore disclaim all that is shown in said patent.

I claim as my invention and desire to secure by Letters Patent—

As an improved bedstead-fastening, the flat metallic plate A, adapted to be connected to the post, and having one or more openings, *a'*, the interior edges of which form its only connection with the rail, substantially as described, and for the purposes set forth.

LEWIS G. BRADFORD.

Witnesses:

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