

L. G. BRADFORD.

Bedstead Fastenings.

No. 136,301.

Patented Feb. 25, 1873.

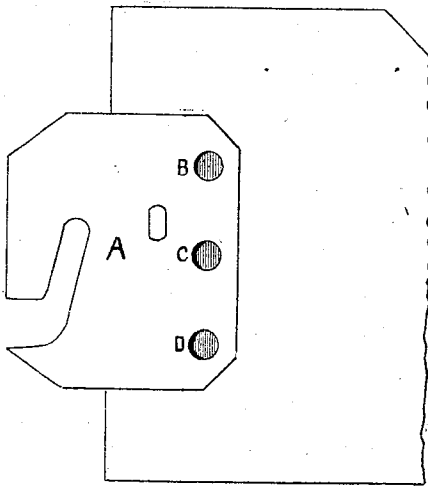


Fig. 1

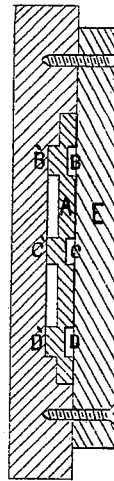


Fig. 2

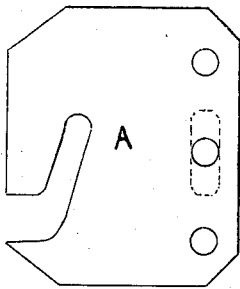


Fig. 3

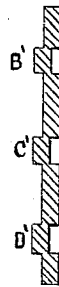


Fig. 4

WITNESSES

Franklin Parker
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INVENTOR

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UNITED STATES PATENT OFFICE.

LEWIS G. BRADFORD, OF PLYMOUTH, MASSACHUSETTS.

IMPROVEMENT IN BEDSTEAD-FASTENINGS.

Specification forming part of Letters Patent No. 136,301, dated February 25, 1873.

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 certain new and useful Improvements in Joints for Bedsteads, &c., of which the following is a specification:

The Nature and Object of the Invention.

The nature of my present invention consists in an improvement on the invention secured to me by Letters Patent dated December 6, 1870, and relates to forming upon the rail end of the joint-plate punched-out projections; the object being to so form the plate that it cannot be drawn out from the rail, the projections taking the place of pins or lips; the advantage of the device being its extreme cheapness and durability.

Description of the Drawing.

Figure 1 is an elevation, showing the end of the rail and the plate. Fig. 2 is a section of the rail and plate. Figs. 3 and 4 show the plates in plan and section.

General Description.

The rail and the post to which the joint is to be applied may be made in any desired

style. The plate A should be of wrought iron or steel, though any other strong plate metal will do. The entire novelty in this plate consists in the projections B' C' D', which are produced in a punching-machine, the dies being so arranged as not to complete the operation of punching a hole, but stopping so as to produce the projections, as shown. The projections may be round, oblong, or rectangular, as may be most desirable. The rail into which the plate fits is to be cut out to receive the plate, the projection on the plate fitting into a transverse groove made for the purpose. These projections may be fitted into corresponding depressions made for the purpose, in which case the depressions should be somewhat larger than the projections to allow the wood to shrink and swell. E, Fig. 2, is a cleat used to confine the plate to the rail.

I claim as my invention—

The joint-plate A, when the same is made with the punched projections B' C' D', substantially as described, and for the purpose set forth.

LEWIS G. BRADFORD.

In presence of—

CHARLES E. BARNES,
FRANK G. PARKER.