

E. G. GORY.

Improvement in Bedstead Fastenings.

No. 124,735.

Patented March 19, 1872.

Fig. 1

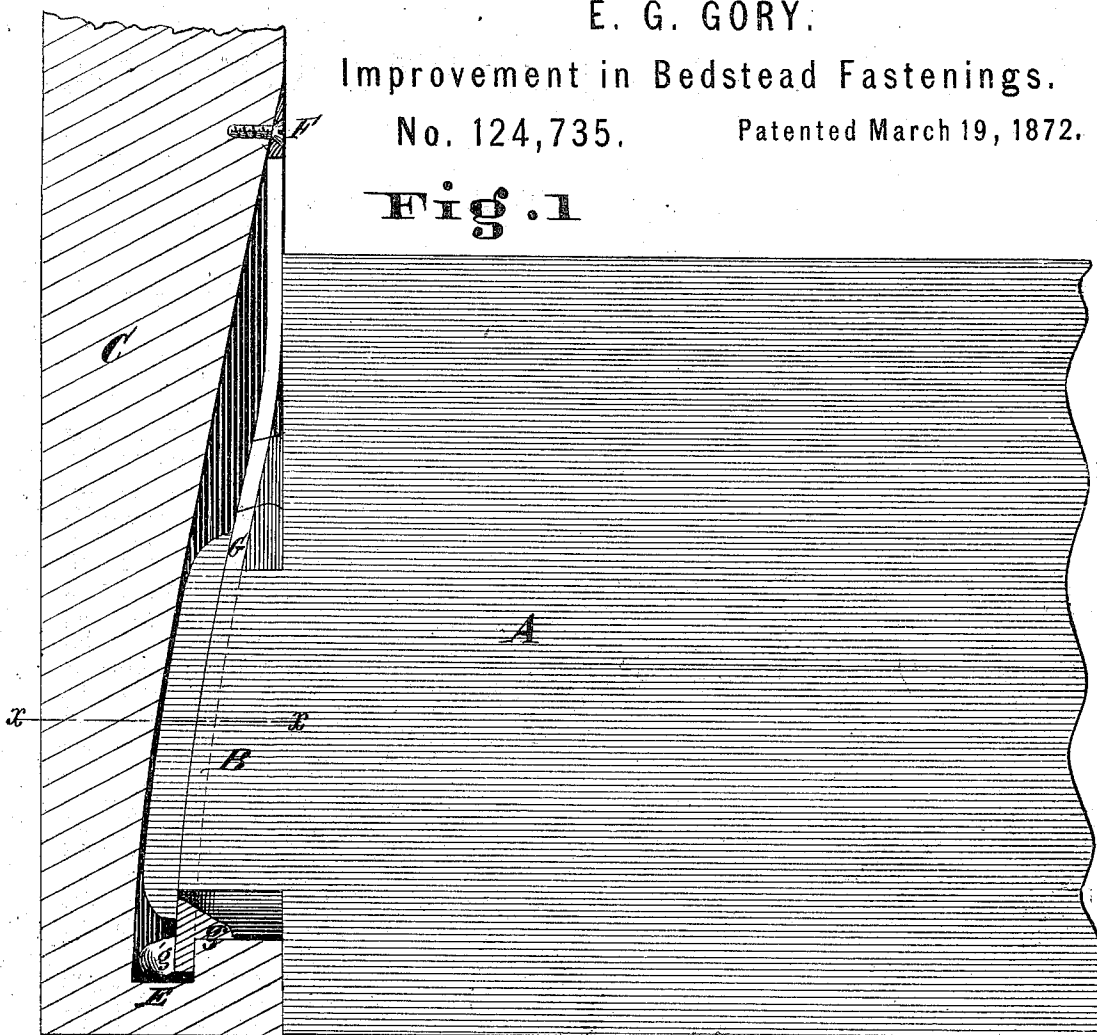


Fig. 2

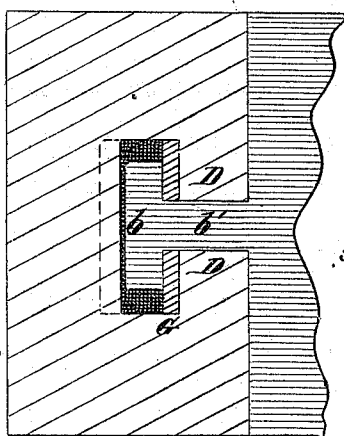
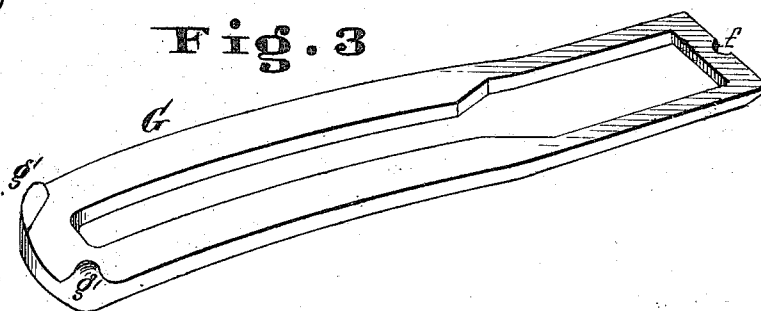


Fig. 3



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IMPROVEMENT IN BEDSTEAD-FASTENINGS.

Specification forming part of Letters Patent No. 124,735, dated March 19, 1872.

I, EMANUEL G. GORY, of Cincinnati, Hamilton county, State of Ohio, have invented a certain new and useful Improvement in Bedstead-Fasteners, of which the following is a specification.

Nature and Objects of Invention.

My invention consists of a peculiarly formed fastening for bed-posts, specially adapted to fit into a T-shaped inclined mortise prepared for it in the post.

Description of the Accompanying Drawing.

Figure 1 is a vertical section of a bed-rail and bed-post in which my improved fastening is illustrated connecting the two parts together. Fig. 2 is a horizontal section of the same. Fig. 3 is a perspective view of the fastening detached from the post.

General Description.

A represents a bed-rail, to which the ordinary T-headed tenon B is secured. C is the bed-post, mortised as shown, by automatically-operated machinery, or otherwise, in such a way that at the lower end of the mortise the wide part of it may be wholly within the post, and leave a good thickness of wood between this wide part and the face of the post, the wood so left being indicated by letter D, Fig. 1. The mortise may be straight or curved from the lower to the upper end, and gradually decreases in depth until it entirely runs out at the upper end. The cutter which forms this mortise being necessarily of the form of the mortise in cross-section, a pit or depression, E, is formed at the bottom, as shown in Fig. 1. The fastening for the post is clearly shown in Figs. 1 and 3, and consists of a thin casting embracing in its construction a lip, *g*, to rest

upon the bottom of the narrow part of the post mortise, the body of the casting extending below into the pit E. The lower part of the fastener is provided with ears or lugs *g'*, which are designed to press against the back of the mortise, and thus keep the lower part of the fastener in place. The upper part of the fastener is secured by screw F, a hole or recess, *f*, being formed in the casting to receive it. The slot in the casting G, constituting the fastener, is wide enough at the upper end to receive the head *b* of the tenon B, and at the lower end is sufficiently narrow to fit the neck *b'* of the tenon B.

It will be seen that, with the exception of lip *g*, the entire fastener is located within the wide part of the mortise in the post, and that the bed-rail end meets the face of the post. The fastener serves to protect the inner face of the mortise, and takes up the strain of the bed-rail.

One of the principal advantages of my improved fastening is that the mortise at the face of the post is the width only of the neck of the tenon B, and there is no tendency of the fastening to spread or widen the mortise, as is the case with dovetail fastenings. With my improved fastening the post can therefore be of lighter or narrow material.

Claim.

The fastening G for a bed-post, adapted to fit within a T-shaped mortise, substantially as described.

In testimony of which invention I hereunto set my hand.

EMANUEL G. GORY.

Witnesses:

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J. J. THOMAS.