

P. FORG.
Bedstead-Fastening.

No. 222,129.

Patented Dec. 2, 1879.

Fig: 1.

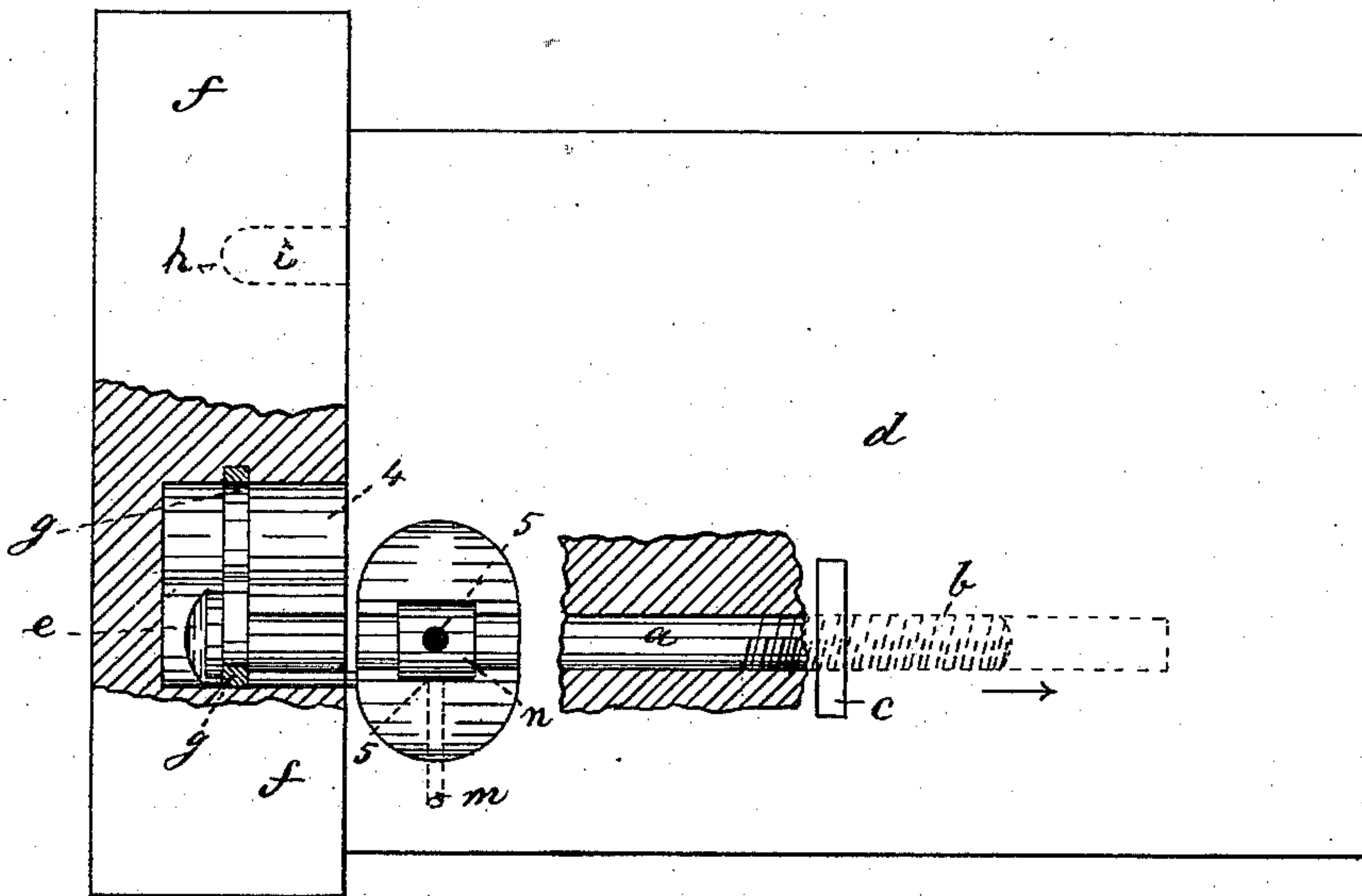
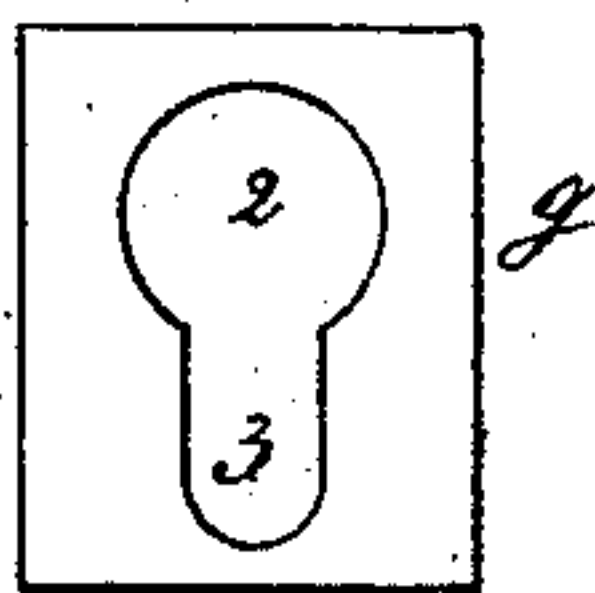


Fig: 2.



Witnesses.

L. F. Connor.
N. E. Whitney.

Inventor.

Peter Forg,
by Crosby & Morgan
Atty.

UNITED STATES PATENT OFFICE.

PETER FORG, OF SOMERVILLE, MASSACHUSETTS.

IMPROVEMENT IN BEDSTEAD-FASTENINGS.

Specification forming part of Letters Patent No. **222,129**, dated December 2, 1879; application filed August 11, 1879.

To all whom it may concern:

Be it known that I, PETER FORG, of Somerville, county of Middlesex, State of Massachusetts, have invented an Improvement in Bedstead-Fastenings, of which the following description, in connection with the accompanying drawings, is a specification.

This invention relates to an improved adjustable fastening-bolt for uniting the side rails and head and foot parts of beds, and other articles where like joints are common.

In this my invention a headed screw-bolt, provided with a fixed collar, has its nut fitted into the side rail, and the head of the bolt projecting beyond the end of the side rail is adapted to enter a mortise in the post, and engage a head-plate having a contracted eye, and when so engaged the bolt may be turned to draw the side rail and post together, and make a very firm, rigid, and close joint.

Figure 1 represents part of a side rail and post, showing my improved adjustable screw as engaging the head-plate, secured in the post, the wood being broken away about the bolt and plate to show their application; and Fig. 2 a face view of the head-plate detached.

Most heavy bedsteads, and those of the better class, where a very firm and close joint is desired, have their side rails and posts connected by means of bed-screws. The nuts of these screws are fixed in the side rails, and the screws are passed through the posts, and the heads of the screws are made square, to be engaged by a wrench; or their heads are provided with holes to be engaged by a rod or pin.

Considerable time is wasted, and it is quite a difficult piece of work to put together a bed with the common bed-screw.

My improved screw-bolt *a* has a threaded portion, *b*, (shown in dotted lines,) to engage the threaded nut *c*, fastened in the side rail, *d*. The screw-bolt has a head, *e*, which may be made to extend more or less beyond the end of the side rail, *d*, according to the distance between the face of the post *f* and the

rear side of the metallic head-plate *g*, which is let into a slot in the post *f*. The side rail has the usual wooden dowel or pin *h* to enter a hole, *i*, in the post.

A side rail having a screw-bolt, *a*, placed in it, as shown and described, may be connected with the post, it having the head-plate *g* placed therein, a passage, *4*, having been made in the post coinciding with the eye or passage 2 of the plate *g*, by inserting the head *e* through the opening 4 of the post and the larger portion 2 of the eye of the plate *g*, and moving the bolt so that its shank, near its head, enters the smaller part 3 of the eye.

To make the joint very close and tight I then insert a rod, *m*, as at Fig. 1, into one of the eyes 5, made in the bolt between its head and screw-threaded part, turn the bolt so that it moves farther through the nut in the direction of the arrow, Fig. 1, thereby causing the head of the bolt resting against the rear of the head-plate to draw the face of the post and end of the side rail closely together, making a most rigid joint.

Instead of the holes or eyes 4 and pin *m*, I may make the bolt square, or of other angular form, at the part marked *n*, so as to be readily engaged by a wrench, to thereby turn the screw.

I claim—

A bedstead-fastening composed of the plate *g*, set in a recess in the bed-post, the headed screw-bolt *a*, its fixed receiving-nut *c*, the bolt-operating collar *n*, fixed upon the said bolt, and accessible from the exterior, for tightening or drawing together the parts after they are connected, substantially as shown and described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

PETER FORG.

Witnesses:

G. W. GREGORY,
N. E. WHITNEY.