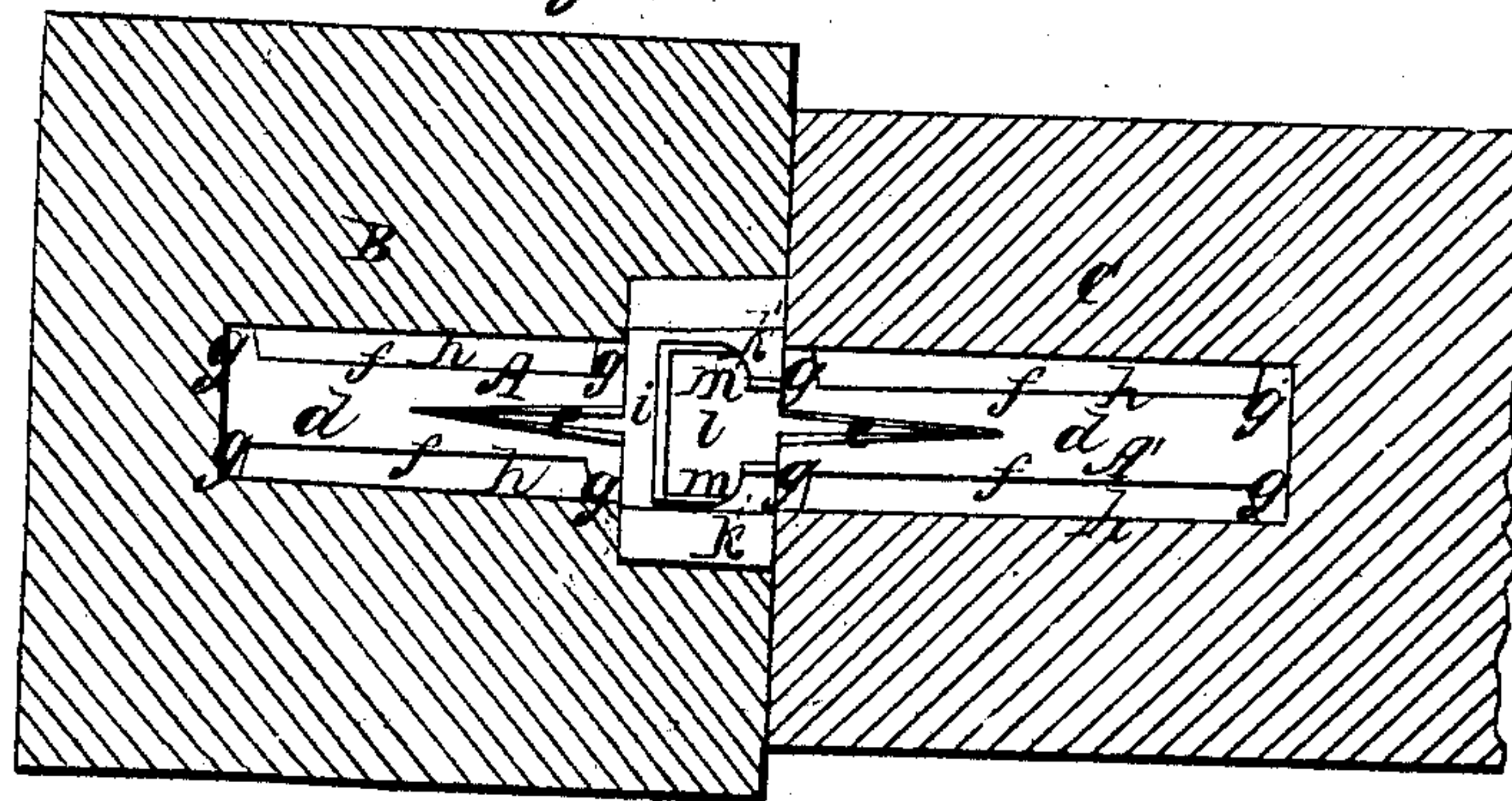
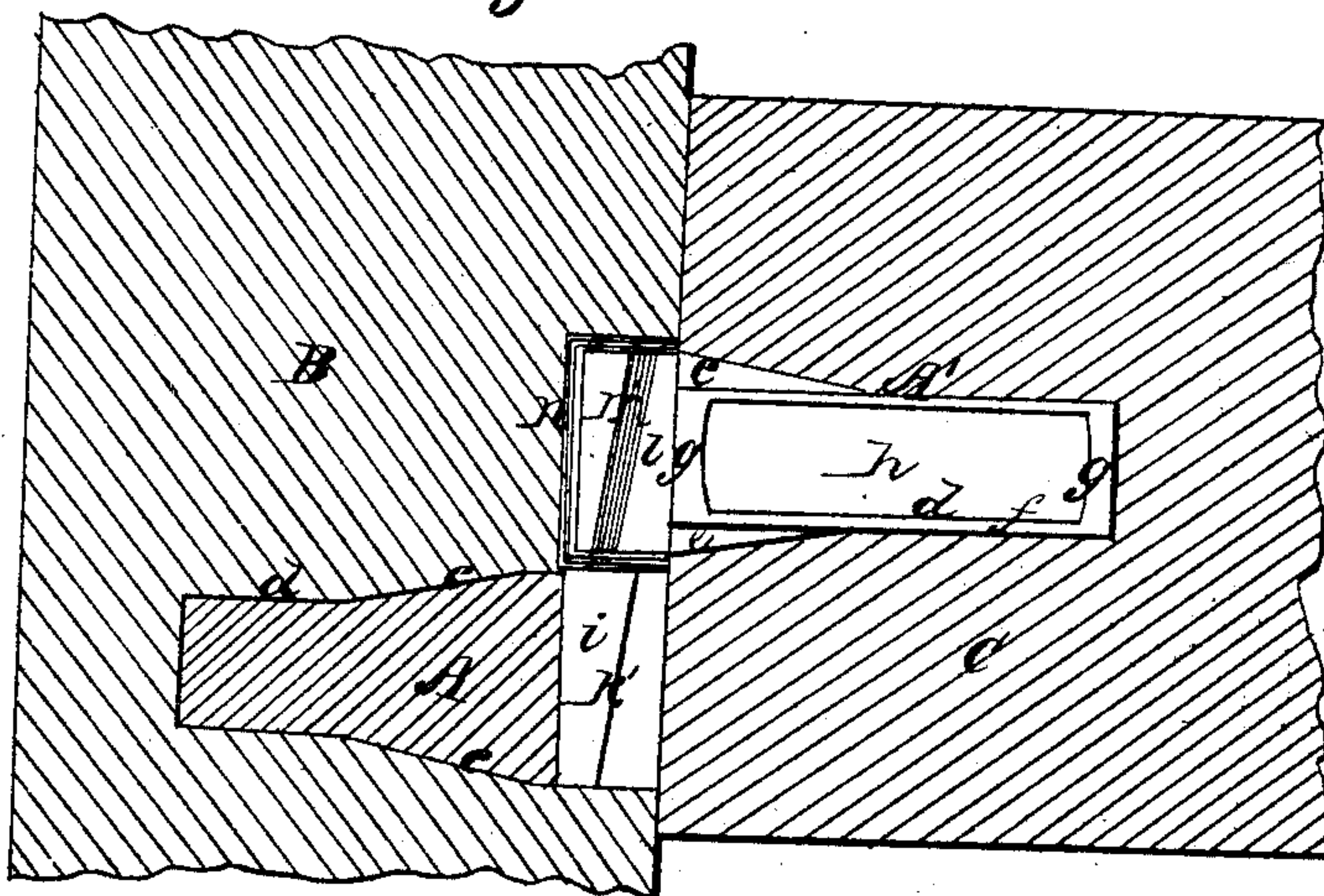


*E. E. Everitt,*  
*Bedstead Fastening,*  
*No 23,359,*  
*Patented Mar. 29, 1859.*

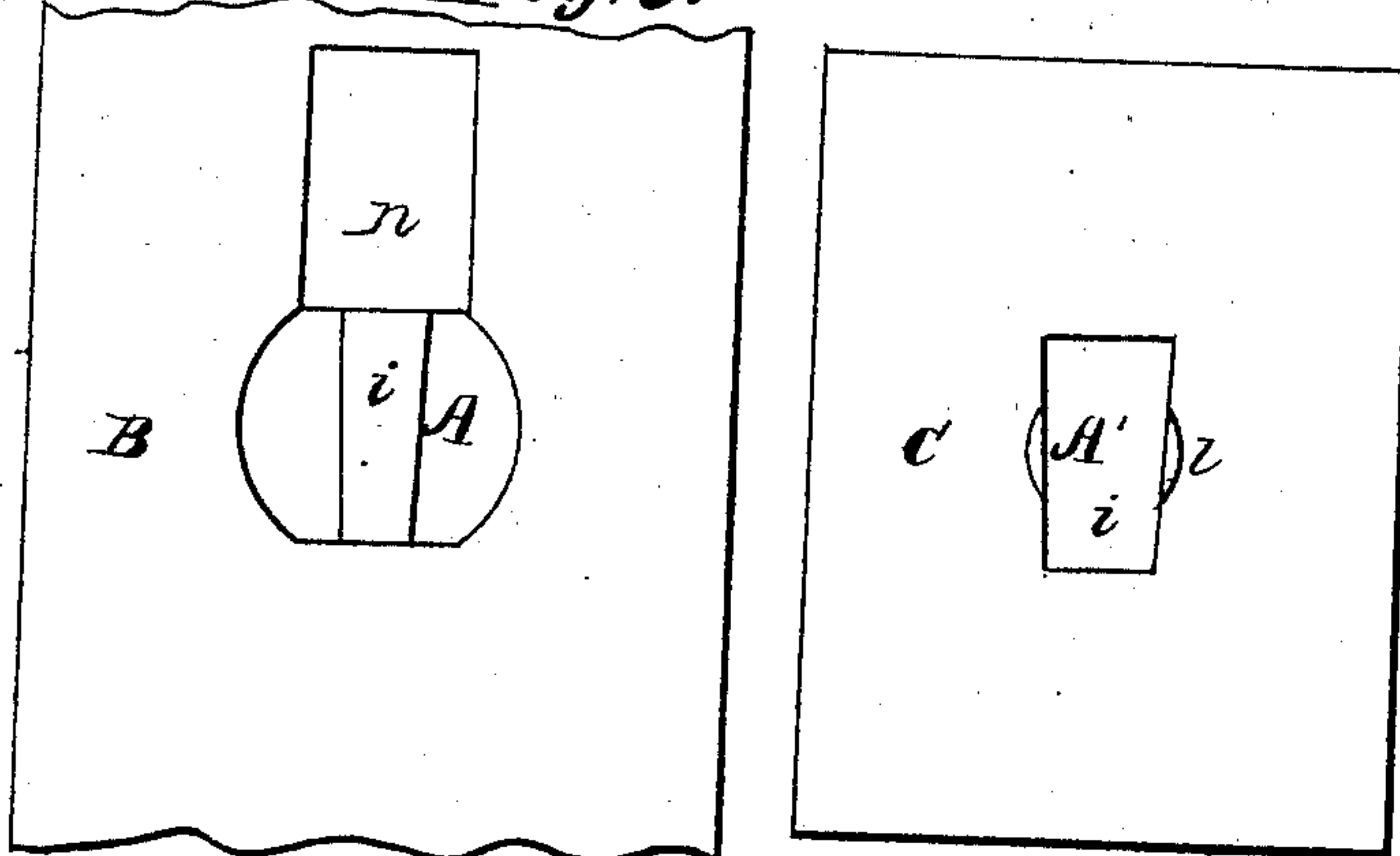
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Witnesses.*  
*My Munan*  
*Morton Roberts*

*Inventor.*  
*Elyha. C. Everitt*



# UNITED STATES PATENT OFFICE.

ELISHA E. EVERITT, OF PHILADELPHIA, PENNSYLVANIA.

## BEDSTEAD-FASTENING.

Specification forming part of Letters Patent No. 23,359, dated March 29, 1859; Reissued May 26, 1861, No. 1,160.

*To all whom it may concern:*

Be it known that I, ELISHA E. EVERITT, of the city of Philadelphia, in the State of Pennsylvania, have invented a new and useful Improvement in Plug-Fastenings for Bedsteads; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 represents a top view of the improved fastening, applied—the post and rail of the bedstead being in section; Fig. 2 a side view of Fig. 1—part of the fastening being in section; and Figs. 3 and 4, outer end views of the two parts of the fastening—the post and rail being separated.

Like letters indicate the same parts in the several figures.

The nature of my invention consists in a peculiar manner of constructing the inclines of the dovetail, or coupling part, of the said fastening, and in making both the rail and post parts of the said fastening in the "plug" form, with fins attached thereto, as hereinafter described, so that each part can be applied more accurately, either to the post or rail, by simply driving it into an auger hole adapted in size for the purpose, whereby I am enabled to dispense with the "plate and screws" heretofore required as one part of a "plug fastening," and to produce a cheaper, more easily applied, steady and effective fastening for bedsteads.

In the drawings, A and A' are the two distinct parts of the fastening; B, the post, and C, the rail of the bedstead. Both the parts (A and A') are of iron, and are cast with a prolonged stem, *d*, having on both its upper and under surface a tapering pin, *e*, for keeping it from turning in driving it into the wood, and along each of its two sides a depression *f*, which leaves a shoulder, *g*, at each end, into which depression is fitted a piece of wood, *h*, so that it shall fill the said depression—the whole together forming a cylindrical or slightly tapering plug with two fins, and which may be driven tightly and accurately into an auger hole bored either in the end of the rail or side of the post intended for a bedstead, and held firmly by means of the fins (*e, e*), and glue applied to the surface of the pieces (*h, h*), before the plugs are driven in; but

the outer ends of these two plugs are formed differently—the one (A) being enlarged in diameter so as to admit of having cast within it an open dovetail mortise, *i*, with curved, inclined planes, *k* and *k'*, and also adapted for receiving the dovetail tenon, *l* (with its correspondingly curved inclined planes, *m* and *m'*) which are cast on the outer end of the other plug (A'). The planes on each plug (A and A') are curved (transversely) as seen at *k* and *m* and *k* and *m'*, Fig. 1, and adapted to each other, respectively, so that when the said plugs are respectively secured in the post and rail of the bedstead with the mortised end of the one (A) flush with the face of the post or rail and the tenon (*l*) on the outer end of the other (A') projecting (as shown) from the piece into which it is secured the planes (*m, m'* and *k, k'*) of the two plugs, when connected, slide in contact and so draw the rail and post together, preventing by their curved form any vibration or twisting of the rail in the post, and firmly securing them together in close contact, as seen in Fig. 1.

For the purpose of allowing the admission of the tenon (*l*) to the mortise (*i*) a shallow mortise, *n*, is made in the containing piece (B) at the flush end of the plug (A), as seen in Figs. 2 and 3, and this mortise becomes covered by the piece containing the tenon plug (A') where the post and rail of the bedstead are connected as described—thus leaving no harbor for vermin.

In the operation of this fastening it is manifest that the plugs (A and A') cannot become loose if the pieces, *h—h*, are well coated with glue on their outsides before driving them into the post and rail—even if the timber out of which the latter are made should not have been properly seasoned—because, in subsequently drying, it would shrink more tightly around the plugs, and the two dovetail parts with their respective inclined planes being constructed as described and arranged so that the tenon (*l*) shall come in contact only with the curved sides (*k* and *k'*) of the mortise (*i*) by its curved sides (*m* and *m'*), and also so that when the one part (C) of the bedstead is brought up, by the drawing effect or action of the planes, into close contact with the other part (B) the tenon (*l*) shall not have entirely reached the bottom of the mortise



(i)—that there will be a constant drawing of the one piece (C) directly toward the other (B), and consequently a perfectly tight and close joint will always be maintained between them from the gravitation of the rail.

I am aware that a plug without the fins (*e—e*), having a straight dovetail tenon on its outer end, has before been secured in a bedstead rail by means of the glued pieces of wood (*h—h*), substantially as described herein, and made to operate in combination with a straight dovetail mortise in a plate secured by wood screws to the post; but the plate in a short time becomes loose, both from use and the shrinking of the wood, and consequently such a fastening is not du-

rable and reliable, nor is it easily applied properly. Therefore I do not claim a fastening consisting of a "plug" and "plate" in combination; but

Having fully described my invention and its mode of operation, what I claim as new and desire to secure by Letters Patent is:

A plug fastening consisting of the two plug pieces (A and A'), constructed as set forth and described; the same being applied and arranged in combination with the post and rail of a bedstead, in the manner and for the purposes specified.

ELISHA E. EVERITT.

Witnesses:

BENJ. MORISON,  
MORTON ROBERTS.

[FIRST PRINTED 1911.]