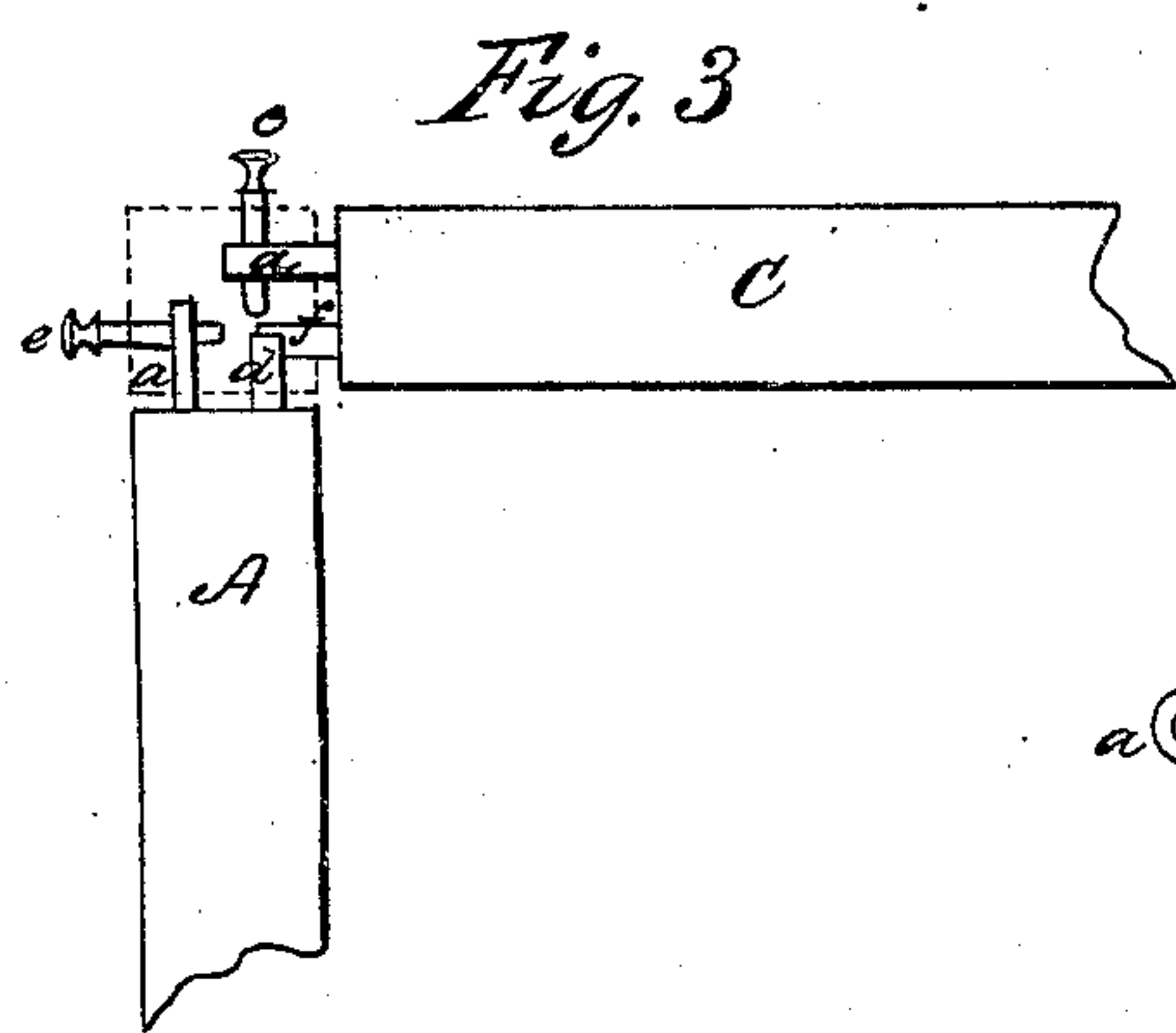
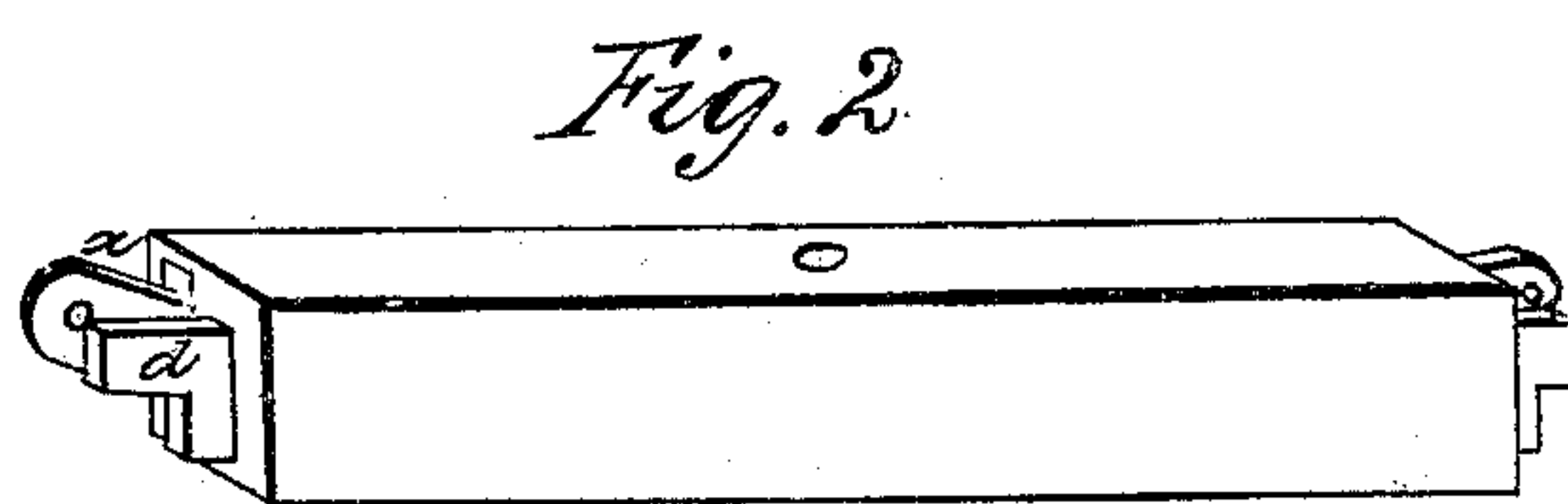
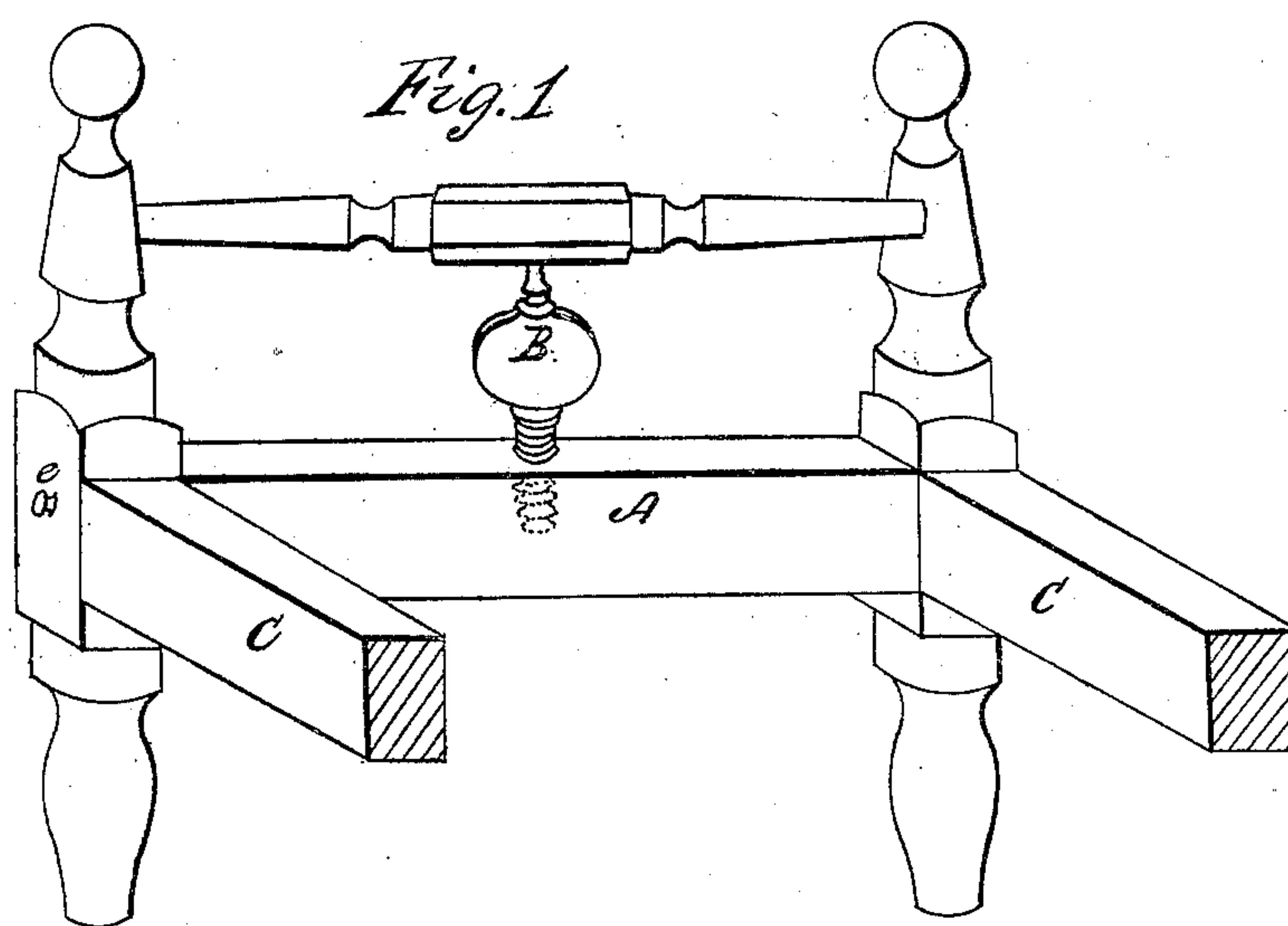


Baynes, Hintz & Jackson,
Bedstead Fastening,
No. 9,931, Patented Aug. 16, 1853



UNITED STATES PATENT OFFICE.

G. W. BAYNES, THOS. HINTY, AND MINTER JACKSON, OF GLENVILLE, VIRGINIA.

BEDSTEAD-FASTENING.

Specification of Letters Patent No. 9,931, dated August 16, 1853.

To all whom it may concern:

Be it known that we, GEO. W. BAYNES, THOS. HINTY, and MINTER JACKSON, of Glenville, in the county of Gilmer and State of Virginia, have invented a new and useful Improvement in Bedstead-Fastenings; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making part of this specification.

The nature of our invention consists in so constructing a bedstead, that one of the tenons being pivoted or swung in a mortise in the rail, free to rise and fall in the mortise of the post, while the other tenon is rigid in its connection with the rail, may by means of screws operating on the head and foot rails securely fasten not only these rails but the side ones also by the same device.

We are aware that it is not new to secure each end of the several rails to the posts by a clamp or swinging strap on the outside of the rail and post in combination with a wedge: but this is objectionable, not only on account of its unsightliness, but it will not make a good joint, as upon any change from a square position of the bedstead, the joint on the inside line will open: while by my swung tenon acting inside of the post a better joint is secured as the bearing approaches the center of the post; the neatness of the fastening and freedom from space to harbor insects may be adduced if it were considered as an independent improvement, but our material object in view was to obviate an objection, found to exist in use of the case, adverted to, viz that on any and every attempt to move these bedsteads by lifting them, the rails were loosened, and the rails not being depressed by hand, they soon worked in the mortise and either bruised the post if the wood was soft, or rounds the shoulders on the end of the rail, and thus make an opening for vermin to enter. These disadvantages we have overcome by the combination of the movable tenon, the rigid one, and the screw, which not only secures the head and foot rail, but the side ones also, and constitutes at the same time a neat and substantial device for fastening all the joints immovably of the bedstead.

To enable others to construct and use our improvement, we will describe it as follows.

In Figure 1, A represents, the foot or the head rail; B, the fastening screw; C, C, portions of the two side rails.

In Fig. 2 which is a view of the head rail detached, *a* is the movable tenon, which is the same form in all the corners. (See a section of the rail Fig. 4). It is secured in the mortise of the rail by a pivot pin *b*; *d* is a rigid tenon formed on, and of, the head and foot rails, the tenon on the side rails Fig. 4, differing in having the upper half of its width removed, while in Fig. 2 the lower portion is removed, the object of which is for permitting the foot rail tenons to depress the side rail tenons, when the screw B forces downward the rail.

In Fig. 3, the cross section exhibits the rails inserted in the post, but not depressed to their place; *e e* represent pins passing into holes in *a*.

The operation is as follows. The screw B being turned, the tenon *d*, acts on *f*, and both are depressed, while the swung or pivoted tenons *a e* describe the arc of a circle on the pins *e, e*, and both end and side rails are fastened securely in taking the bedstead apart, reverse the screw B, slightly raise the several rails, withdraw the pins *e, e*, and the posts and rails may be separated.

Having described the nature of our improved mode of fastening bedsteads, what we claim as our invention and desire to secure by Letters Patent, is—

The combination and arrangement of the tenons *a a* pins *e e* tenons *d* and *f*, with the screw B for the purposes set forth and shown.

In testimony whereof we have hereunto signed our names before the subscribing witnesses.

G. W. BAYNES.
THOS. HINTY.
MINTER JACKSON.

Witnesses to the signatures of G. W. Baynes and Thos. Hinty:

ROBT. LINN,
R. ERVIN.

Witnesses to the signature of Minter Jackson:

SAML. GRUBB,
JOHN F. CLARK.