T. J. HOUSE.

Bedstead Fastening.

No. 210,123. Patented Nov. 19, 1878.

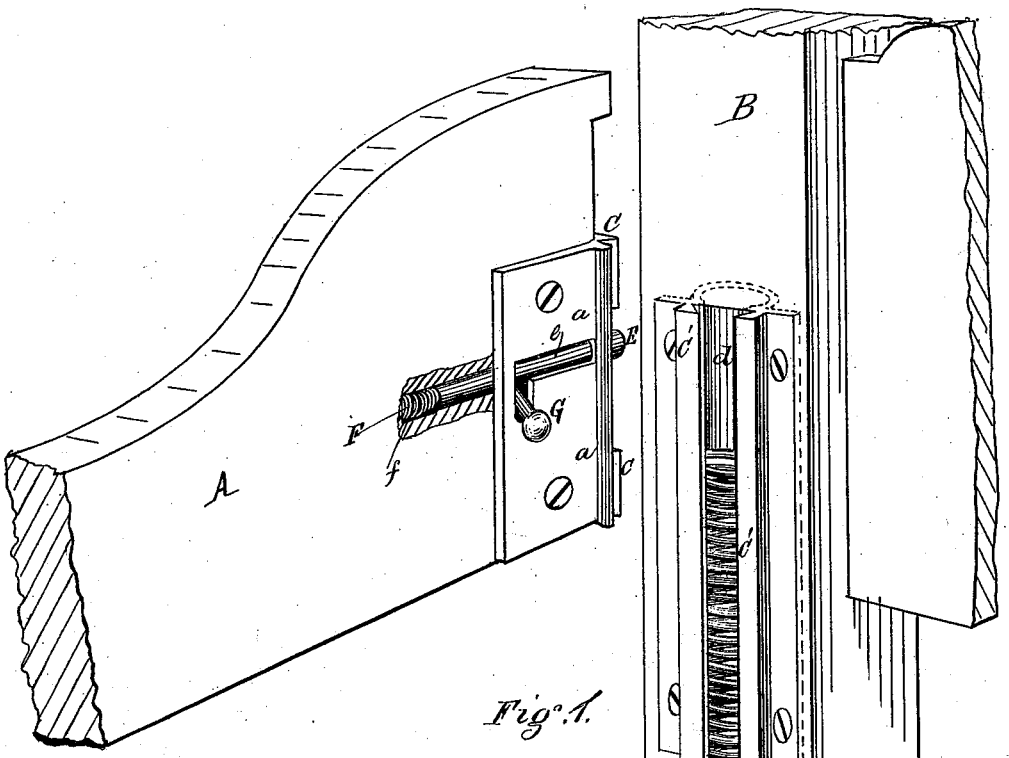

Fig. 1.

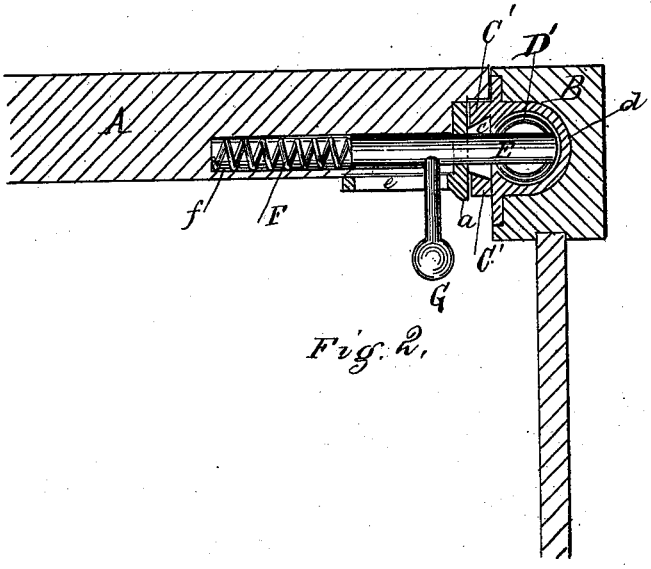

Fig. 2.

Witnesses
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UNITED STATES PATENT OFFICE.

THOMAS J. HOUSE, OF ALLEGHENY, PENNSYLVANIA.

IMPROVEMENT IN BEDSTEAD-FASTENINGS.

Specification forming part of Letters Patent No. **210,123**, dated November 19, 1878; application filed April 29, 1878.

To all whom it may concern:

Be it known that I, THOMAS J. HOUSE, of the city of Allegheny, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Fastening for Bedsteads, which improvement is fully described in the following specification and accompanying drawing, in which—

Figure 1 is a perspective view of the end of a bedstead-rail and a section of a post of a bedstead having my improved fastening attached. Fig. 2 is a plan view of the same, the upper portions of the rail and post being removed.

The object of my invention is a fastening for bedsteads which will secure the rails to the posts and at the same time allow the rails of the bedstead to move freely up and down, said rails being supported by springs, which impart elasticity to the entire bed-bottom, thus saving the expense of an extra spring-bottom.

My invention is shown in detail in the drawing, to which reference is made.

A is a section of a side rail of a bedstead, to the end of which is secured an angle-plate, *a*, on the face of which are dovetail projections *c c*.

d represents a box let into the bed-post B, the face being provided with a dovetail slot formed by projections *c' c'*, which receive the dovetail projections *c c* on the plate *a*, thus forming a connection between the side rail A and the post B. Within the box is placed a strong spiral spring, D'.

The end of the rail A is provided with a mortise or socket, *f*, to receive the spiral spring F, which bears against the bolt E. This bolt passes through the face of the plate *a*, just below the upper dovetail projection *c*, and is provided with the thumb-pin G for retracting it. Said pin moves in the slot *e* in the side of the angle-plate, said slot having a right-angle extension, in which the pin G rests when it is desired to secure the bolt back.

When the bedstead is put together and the bolt E released it passes through the face of the angle-plate and enters the box *d*, and rests on the top of the spring D', as shown in Fig. 2.

Operation: The bedstead being together and the bolt E resting on top of the spiral spring D', the side rails are secured from longitudinal movement by the engagement of the dovetail device. The usual slats are then placed on the side rails, extending across from one side rail to the other and resting on them. Thus the entire bed-bottom, through the medium of the side rails, is supported on the spiral springs on the posts.

When it is desired to take the bedstead apart, the slats are removed and the bolts E are retracted by the pins G and secured in the right-angled notch of the slot *e*. The dovetail projections are then disengaged from the dovetail slots by lifting the side rails up and out of their connection with the bedstead-posts B.

Having thus described my invention and its operation, what I claim, and desire Letters Patent for, is—

1. The side rail A, provided with the angle-plate *a* and bolt E, in combination with the slotted box *d*, spring D', and the dovetail device *c c'*, substantially as shown and described.

2. The combination of the slotted box *d*, spring D', bolt E, and the side rail of a bedstead, all constructed and operating as described.

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Witnesses:
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