

JOSEPH SIMPSON.

Improvement in Bedstead Fastenings.

No. 125,342.

Patented April 2, 1872.

Fig 1

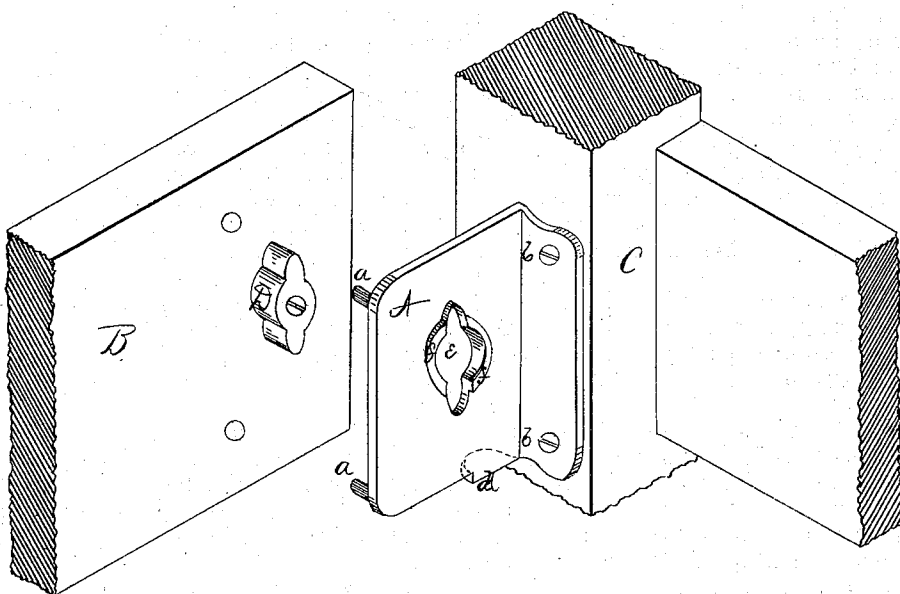
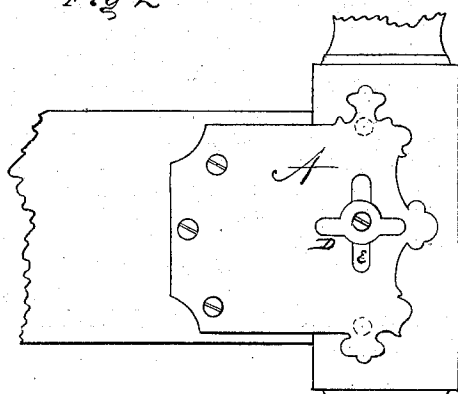


Fig 2



Witnesses:

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UNITED STATES PATENT OFFICE.

JOSEPH SIMPSON, OF NEWARK, OHIO.

IMPROVEMENT IN BEDSTEAD-FASTENINGS.

Specification forming part of Letters Patent No. 125,342, dated April 2, 1872.

To all whom it may concern:

Be it known that I, JOSEPH SIMPSON, of Newark, in the county of Licking and in the State of Ohio, have invented certain new and useful Improvements in Bed-Joint or Fastening; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a bed-joint or fastening, or a joint for fastening two pieces of wood together, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 represents an inside view of two parts of a bedstead with my fastening attached; Fig. 2, an outside view of the same with the fastening on its exterior.

For fastening the rails of a bedstead to the bed-posts I may use either inside or outside locks. The main plate of my fastening may be either flat or angular, so that it can be used either on the interior or exterior of the pieces to be attached, as shown in the two figures of the drawing.

The inside lock consists of an angular or L-shaped casting, A, both parts of which are provided on the outer side with projecting or strengthening studs *a a*, to fit in corresponding holes in the rail B and the post C, the part on said post being further secured by screws *b b*. The part of the casting A attached to the rail B has a projecting lip, *d*, on the under side, to assist in supporting the bed-rail. It has also a key-hole, *e*, to admit of a corresponding but-

ton, D, pivoted on the rail B, so that when turned said button secures one firmly to the other. As the button D turns it ascends inclined planes *f f*, thereby becoming tighter as it goes around.

The same arrangement, exactly, may be used for an outside fastening, except that the plate or casting should be straight instead of L-shaped, as shown in Fig. 2 of the drawing.

The plates or castings, whether for bed-joints or other fastenings, may be let into the wood, so as to present an even surface; and when used on the outside they, as well as the buttons or knobs, may be ornamented in any desired manner.

For bed-joints this fastening possesses very many advantages over those now generally in use. For instance, there is no mortising to be done; less number of screws necessary; it is stronger, more durable, and makes a complete lock. It presents no holes or crevices for bed-bugs, and makes the bed stand much firmer.

Although especially intended for bed-joints or fastenings, I do not wish to be understood as confining myself exclusively to that use of my device, as it may be employed wherever two pieces of wood are to be joined together.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the flat or angular metal plate A with studs *a a* and cam-slot *e*, with the button D, all constructed and used substantially as and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 12th day of January, 1872.

JOSEPH SIMPSON.

Witnesses:

WM. E. ATKINSON,
W. J. SANGER.