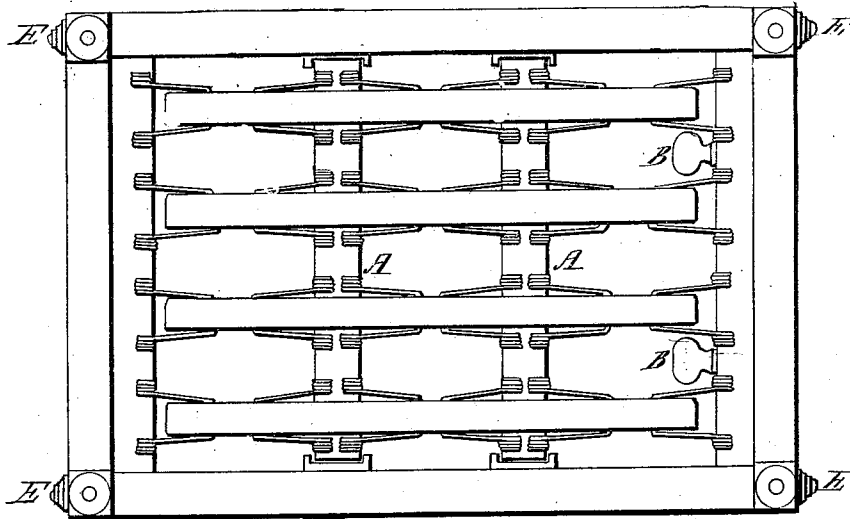
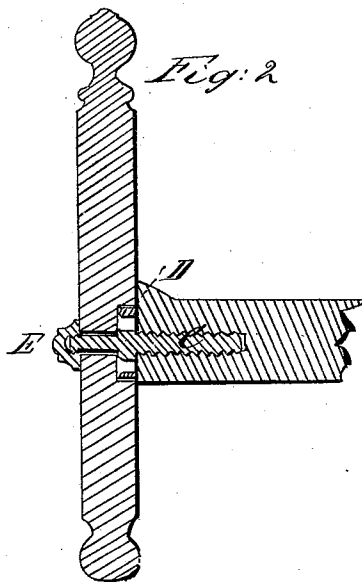
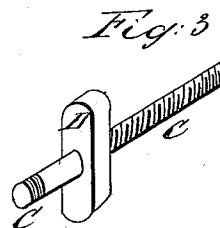


J. C. Clime,

Bedstead Fastening,

N^o 77,457.

Patented May 5, 1868.
Fig: 1



Witnesses.

George E. Duckley
W. A. M. Whaley

Inventor
John C. Clime

United States Patent Office.

JOHN C. CLIME, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO HIMSELF AND J. MOORE HENDRICKS, OF SAME PLACE.

Letters Patent No. 77,457, dated May 5, 1868.

IMPROVED BEDSTEAD-FASTENER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOHN C. CLIME, of Philadelphia, Pennsylvania, have invented certain new and useful Improvements in Bedsteads; and I do hereby declare that the following is a full and exact description of the same, reference being had to the annexed drawings, forming part thereof, in which drawings—

Figure 1 is a top view of a bedstead with my improvements applied thereto.

Figure 2 is a vertical section of one of the bed-posts, and of a portion of a rail, and of the device which I employ for fastening the rails to the posts.

Figure 3 is a perspective view of said device detached, showing the screw-cap removed.

The improvements herein described relate to those for which Letters Patent were granted to me and J. Moore Hendricks jointly, as assignees of myself, March 17, 1868, and they consist—

First, of a device for fastening the bed-rails and posts together.

Second, of a mode of arranging two bars for supporting the middle springs in relation to the bottom slats of the bed, so that the elasticity of the bed-bottom is preserved when the bed is occupied by heavier persons.

Third, in an arrangement of the screws employed for tightening and relaxing the springs.

In the drawings, A A are the two bars for supporting the middle springs, arranged as shown in fig. 1.

The thumb-screws B B, for supporting and adjusting the head-bar, are arranged so as to be operated from the inside of the rail, with the view of economizing space and improving the outside appearance of the bedstead, while they are more easily got at.

Instead of forming on the ends of the rails the ordinary tenon, and employing a separate screw-bolt to unite the rails with the posts, I supply the device represented in fig. 3, consisting of the screw-bolt C and solid metallic block, D, in one piece. When the screw-bolt, C, is in place, as represented in fig. 2, the block *d* forms a tenon, which enters the corresponding mortise in the post, and the screw-cap E being applied to the projecting end of the bolt C, as shown, the rail and post are firmly joined together.

The bolt C and tenon-block D may be of iron, cast in a single piece, or they may be made separately and then united by shrinking the block on the bolt, or in any other way desired. The blocks D may be square at the ends, but I prefer to make them with rounded ends, as shown in fig. 3, because the corresponding mortises can be more economically made; and, although I have not found it necessary, holes may be bored, if desired, through block *d* for the insertion of additional screws for securing said block to the rail.

The screw-cap E may be made of iron, tinned or bronzed, or it may be made of brass; and it may have any ornamental shape desired. The cap is adjusted or removed by means of a wrench.

Having thus described my invention, I claim, and desire to secure by Letters Patent—

The device, consisting of the bolt C and tenon-block D, in one piece, and screw-cap E, in combination with the rails and parts of a bedstead, for fastening said rails and parts together.

JOHN C. CLIME.

Witnesses:

GEORGE E. BUCKLEY,

W. A. A. McKINLEY.