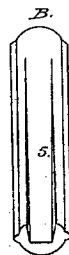
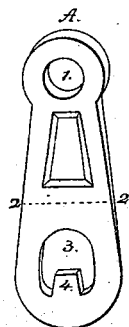
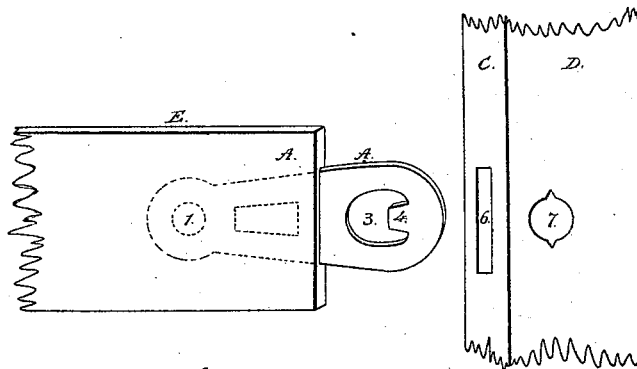
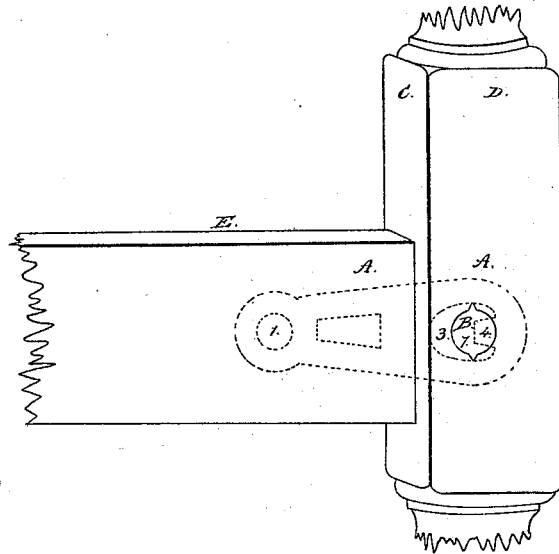


C. M. Gilbert,

Bedstead Fastening,

Nº 53,972,

Patented Apr. 17, 1866.



Witnesses,
Charles W. Reeves
Robert H. Eastman

Inventor,
Charles M. Gilbert

UNITED STATES PATENT OFFICE.

CHARLES M. GILBERT, OF PHILADELPHIA, PENNSYLVANIA.

BEDSTEAD-FASTENING.

Specification forming part of Letters Patent No. 53,972, dated April 17, 1866.

To all whom it may concern:

Be it known that I, CHARLES M. GILBERT, of the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and Improved Bedstead-Fastening; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists of a movable key or pin with beveled edges and containing a slot with an inclined plane. This key or pin is made to work through a piece of iron containing an opening with a clamp which fits in the slot of the key. As the key is driven home through this opening the clamp travels up the inclined plane of the slot, thereby tightening the joint or fastening. The beveled edges or flanges are made of a size and shape to prevent the key slipping back or joint working loose.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I first prepare a piece of iron or other material of sufficient strength similar to drawing marked A on plan annexed. This I insert into one of the bed-rails, (shown in Figure E,) and pin it through the opening marked 1 on Fig. A, so as to leave projecting that portion below the line marked 2 in Fig. A, and containing the opening marked 3 in E. In the bed-post to be fastened I make two openings—

one (see 6 in Fig. C) to receive the projecting piece of iron above described, and the other a transverse opening made to receive the key or pin B, this opening to be shaped as marked 7 in Fig. D to fit the key accurately.

I now prepare the key or pin B. This is made of iron with beveled edges. Upon one side of it is a slot or groove (5 in Fig. B) cut deep at the point and growing gradually shallower, so as to form an inclined plane.

The projecting part of the iron A being now introduced, the slit marked 6 (shown in Fig. C) is driven home, and when the bed-rail and bed-post or the portions of machinery to be fastened are thus brought together, the key or pin B is driven through the transverse opening marked 7, (shown in Fig. D,) and, passing through the opening marked 3, (shown in Fig. E,) the clamp 4 enters the slot or groove marked 5 in Fig. B, which is sunk in the key or pin B, and as the latter is driven home the clamp travels up the inclined plane of the slot, tightening the joint as it goes.

What I claim as my invention, and desire to secure by Letters Patent, is—

The key or pin having the shape which prevents its slipping out of place or working loose, and containing an inclined plane, and the mode of applying the said key or pin, as set forth, for the purpose specified.

CHARLES M. GILBERT.

Witnesses:

CHARLES W. REEVES,
ROBERT K. EASTBURN.