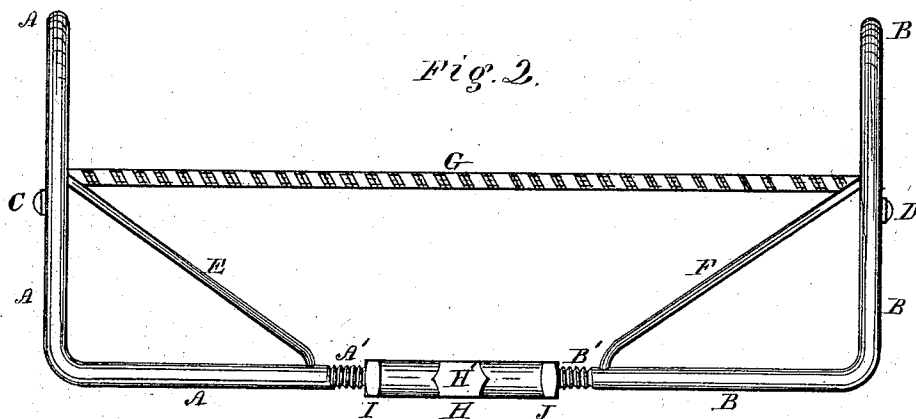
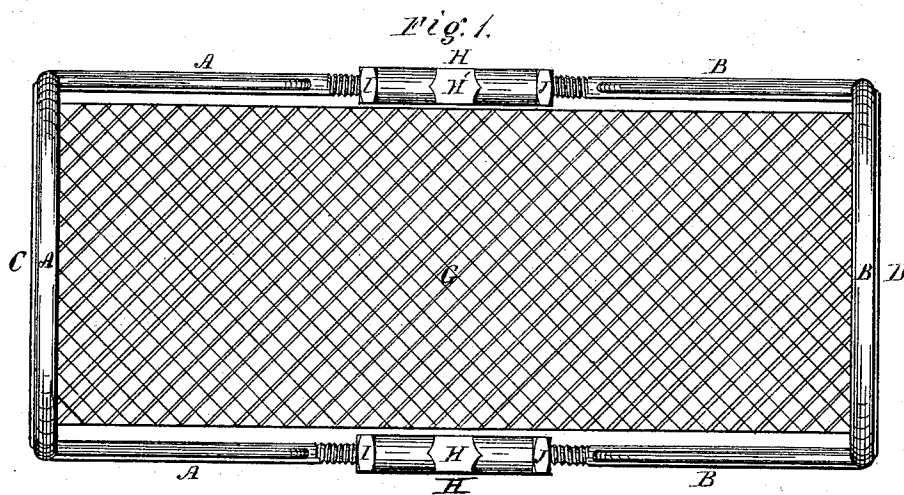


W. J. MYERS.

BEDSTEAD.

No. 190,064.

Patented April 24, 1877.



Witnesses.

Elihu H. Phelps
Wilmot Horton.

Inventor.

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UNITED STATES PATENT OFFICE.

WILLIAM J. MYERS, OF HARTFORD, CONNECTICUT.

IMPROVEMENT IN BEDSTEADS.

Specification forming part of Letters Patent No. **190,064**, dated April 24, 1877; application filed November 13, 1876.

To all whom it may concern:

Be it known that I, WILLIAM J. MYERS, of Hartford, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Bedsteads; and I do hereby declare that the following is a full, clear, and exact description thereof, whereby a person skilled in the art can make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Like letters in the figures indicate the same parts.

My invention relates to bedsteads composed of an iron or other metallic frame, upon which a web of woven wire or other elastic fabric is suspended by its ends and held in a state of tension to form the bed-bottom.

My invention has for its object the construction of a simpler and less expensive frame than has heretofore been in use, and also providing a ready and easy adjustment for the tension of the web. My invention consists in the construction and arrangement of the frame, and in the peculiar devices for effecting the adjustment of the web.

In the accompanying drawing, Figure 1 shows a top view of my improved bedstead. Fig. 2 shows a side view of the same.

A and B are the two principal bars of which the frame is composed. These bars are curved or bent at the top of the bedstead so as to form the head and foot boards, so called, and then carried downward at the corners to form the legs. They are then bent at right angles and continued along horizontally at the sides of the bed until they meet, or nearly meet, in the middle.

At the proper height for the suspension of the web, the bars C and D are placed transversely across the bedstead for the purpose of attaching the web G. These bars may be riveted or screwed into the upright parts of the bars A and B, or secured in any other usual manner. The web may be attached to them by any of the customary devices now in use. If the web is of the fabric known as "woven wire," it can be clipped between two parallel bars and held by means of screws, or rivets.

E and F are braces upon each side of the bedstead, extending from the upright parts of A and B near C and D diagonally downward to near the middle.

H is a right and left screw coupling, one on

each side of the bedstead, uniting the ends of the bars A and B, which are provided with the right and left threads A' and B' for the purpose.

H' is a square upon the coupling H for the purpose of turning it by means of a suitable wrench.

I and J are set-nuts running upon the threads A' and B', for the purpose of clamping the coupling in place when they are turned up against it.

The adjustment of the tension of the web G is effected by turning the coupling H, and thereby extending or diminishing the distance between the head and foot of the bedstead. This stretches or relaxes the web and regulates its tension to any degree required. At the lower corners of the bars A and B, where they bend from a vertical to a horizontal position, couplings can be introduced if desired, which will give a better appearance and finish to the angle. Metallic pipe can also be used if desired, in place of solid bars, to form the several parts of the frame.

I am aware that it is not new to regulate the tension of bed-bottoms by means of a screw-adjustment at the ends of the side rails of the bedstead, and I therefore do not claim such adjustment.

What I claim as my invention is—

1. The combination of the bars A and B, bent to the form described, the braces E and F, and a central coupling device, H, with an elastic web G, substantially as herein described.

2. The right and left screw-coupling H, in combination with the side bars of a bedstead-frame of the construction described, for the purpose of adjusting the longitudinal tension of the web, substantially in the manner herein set forth.

3. The combination of the set-nuts I J, with the coupling H, and the bars A B, having the threads A' B', substantially as and for the purpose herein described.

4. A bedstead frame consisting of two bent metallic tubular end sections, as set forth, and connected by central-screw couplings adapted to adjust the tension of the elastic webbing of the bed-bottom, substantially as described.

WILLIAM J. MYERS.

Witnesses:

THEO. G. ELLIS,
WILMOT HORTON.