W. H. Bramble,

Bed Bottom,

No. 23,659, Patented Apr. 19, 1859.

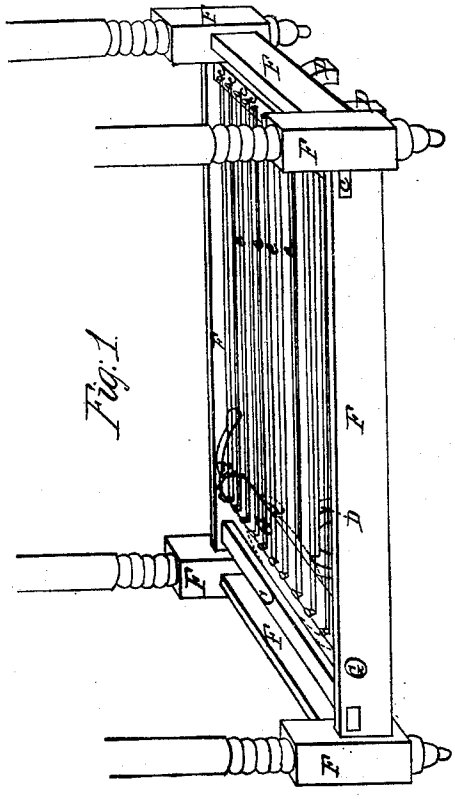


Fig. 1.

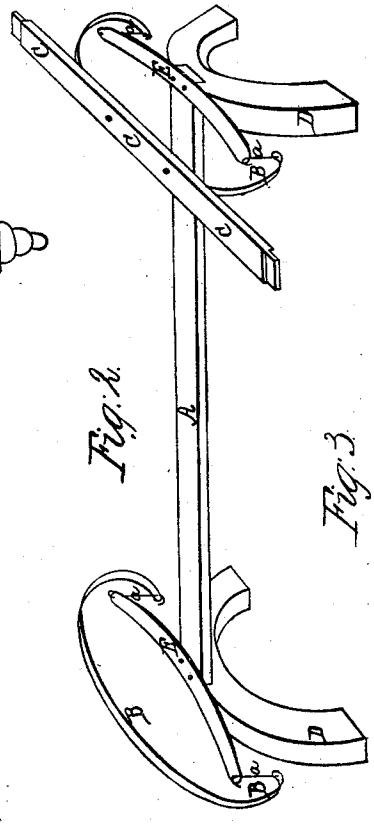


Fig. 2.



Fig. 3.

Witnesses:
John M. Creamy
Lewis Mill

Inventor:
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UNITED STATES PATENT OFFICE.

WILLIAM H. BRAMBLE, OF SPRINGFIELD, OHIO.

BEDSTEAD.

Specification of Letters Patent No. 23,659, dated April 19, 1859.

To all whom it may concern:

Be it known that I, WILLIAM H. BRAMBLE, of Springfield, in the county of Clark and State of Ohio, have invented certain new and useful Improvements in the Construction of Bedsteads; and I do hereby declare the following to be a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1, represents in perspective the top or upper portion of the bedstead, and Fig. 2, represents also in perspective the lower portion of the bedstead, the two parts being separated merely to show them more distinctly.

My invention consists in attaching and suspending the bed frame proper, to the base or support, by means of springs, so that said upper portion may have a free, and easy motion both vertically and horizontally, and as incidental to this construction the short posts to prevent the corners of the frame from touching the floor. I also claim the peculiar manner of arranging and combining the cords or webbing with the rails and springs as will be hereafter stated.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawings.

D, D, represent two supports connected by a reach A. To the top of these supports is attached a spring E, to the ends of which are suspended by links *a* the semi-elliptic or curved springs B, B, respectively; and to the springs B, are affixed the perches C, which support the bedstead F, and allow it to freely move thereon. The bedstead frame may be of any of the ordinary kinds, but the posts are made so short below the frame that they will not touch the floor, while above the rails they may extend to any ordinary height. Instead of the bed frame resting upon the perches C, the perches may be framed into the rails, and serve as the head and foot cross pieces, but I prefer to have the two parts easily removed from each other or separated, so that either may be used separately as cots or lower bedsteads.

To one of the perches are attached by pins *c*, *c*, *c*, the cords or webbing *e*, *e*, *e*, this connection being a rigid one, and at the other end of the bedstead is arranged a roller G, to which the other ends of the webbing or cords are attached by pins or otherwise, this roller being held from turning by a ratchet and pawl *i*, the object being to strain up and hold the webbings which run parallel with the length of the bedstead. Underneath these webbings there may be springs *k* of any of the common kinds for spring bottoms, and the object in running the cords or webbing lengthwise is that they will more readily yield to the curve of the body occupying the bed, and not sway the bed bottom as they would if placed crosswise. This arrangement is seen in Fig. 3, where F, represents the rail of the bedstead, upon a flange *m* of which, rests the slats *n*. These slats lie loosely on the flange *m*, so that as the springs move by the weight upon, or the straining up of, the webbings *e*, the slats may adjust themselves to the springs *k*, thus keeping the latter in a vertical position, and preventing their breaking down.

Having thus fully described the nature and object of my invention what I claim therein as new and desire to secure by Letters Patent is,

1. The combination of an under and upper section, united to each other by springs and links, so that the upper section may have a free vertical and horizontal motion, substantially as described.

2. I also claim in combination with a bedstead made of two sections as described, the making of the posts of the upper section, shorter than the supports of the under section, so that said upper section when placed on the lower one shall be entirely clear of the floor, as set forth.

3. I claim also the combination of the loose slats springs and webbing, when said webbing runs longitudinally or lengthwise of the bedstead, in the manner and for the purpose stated.

W. H. BRAMBLE.

Witnesses:
JOHN MCCREARY,
LEWIS NEILL.