

W. H. MILLER.

Improvement in Springs for Bed Bottoms.

No. 123,279.

Patented Jan. 30, 1872.

Fig. 1

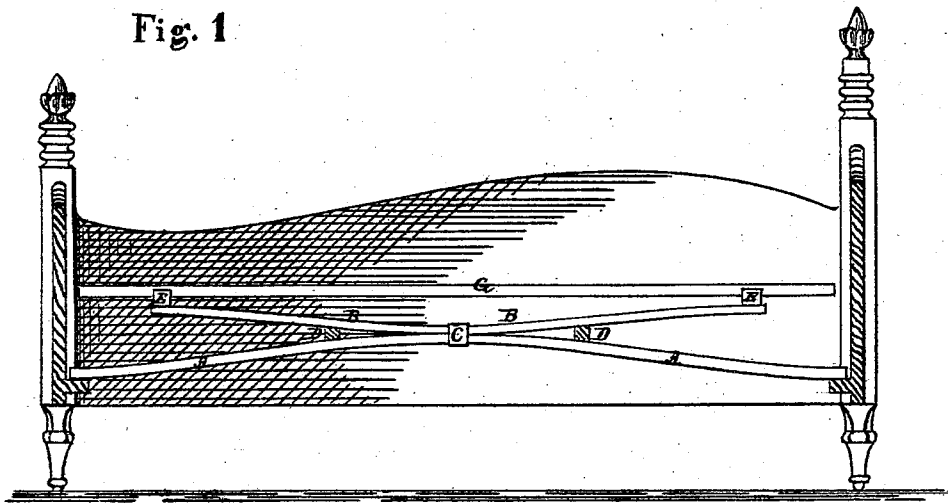
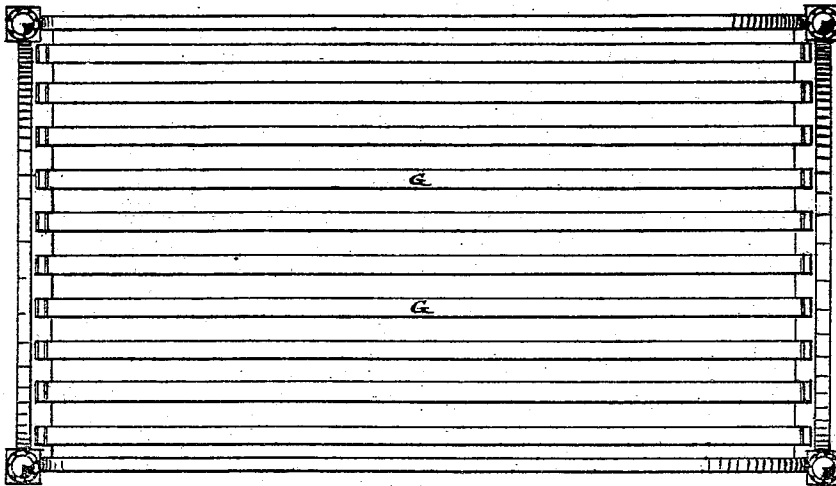


Fig. 2



Witnesses:

P. Roberts
Robt. J. Mitchell

Inventor:

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UNITED STATES PATENT OFFICE.

WILLIAM H. MILLER, OF HANNIBAL, MISSOURI.

IMPROVEMENT IN SPRINGS FOR BED-BOTTOMS.

Specification forming part of Letters Patent No. 123,279, dated January 30, 1872.

SPECIFICATION.

To whom it may concern:

Be it known that I, WILLIAM H. MILLER, of Hannibal, in the county of Marion and State of Missouri, have invented certain Improvements in Bed-Springs; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, which, together with the letters and figures marked thereon, forms part of this specification, and in which—

Figure 1 is a longitudinal vertical section of a bedstead fitted with my improved spring. Fig. 2 is a top or plan view of the same.

Like letters of reference made use of in the several figures indicate like parts.

To enable those skilled in the art to make and use my invention, I will proceed to describe the same with particularity, making use in so doing of the aforesaid drawing.

General Description.

In the drawing, A represents the main or bottom strips, made of an elastic wood, preferably pine or bass-wood, and of a proper width and thickness, preferably about two inches in width and about three-fourths of an inch in thickness, such size being suitable for bed-slats. B is a similar strip, somewhat shorter than the strip A, and lying thereon, so that the centers of the two strips are coincident. A ferrule or band, C, embraces both these strips at the center and holds them firmly together. Small blocks or wedges D are

driven between the strips and held there by the spring of the strips. One of these blocks is placed upon each side of the center. This elevates the ends of the strip B and depresses the ends of the strip A, as is shown in the drawing. To the ends of the strip B are nailed or otherwise secured the blocks E, made with gains, upon which rests the top slat G. This constitutes a complete section, a number of which sections, placed parallel to one another, constitute a bed. The bearings of the several parts are fitted with a cloth covering where it is desired to make the springs noiseless.

I do not intend to limit myself to the use of any particular material, although I have above specified wooden slats, such being cheap and efficient.

The bed-spring made in accordance with this invention is simple, cheap, and durable, and, withal, highly elastic.

Claim.

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

The bed or other spring herein described, consisting of the slats A and B secured together by the ferrule C, and spread apart by blocks D supporting a top slat, G, or its equivalent, substantially as specified and shown.

WILLIAM H. MILLER.

Witnesses:

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A. G. MCDANIEL.