G. H. Dow,

Bed Bottom,

No. 65,731, Patented June 11, 1867.

Fig. 1.

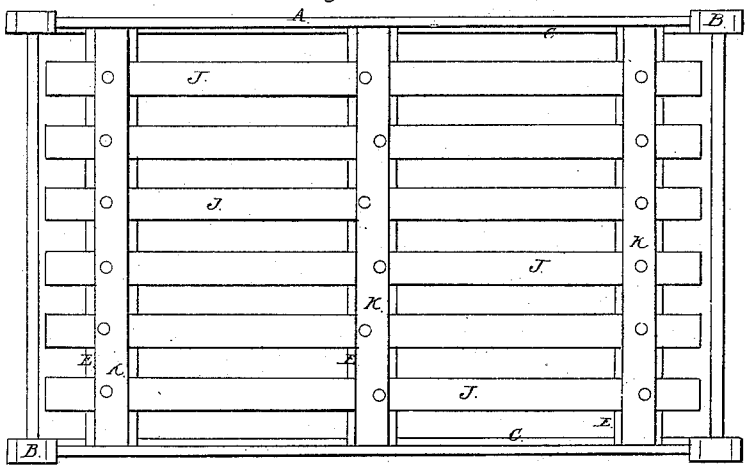


Fig. 2.

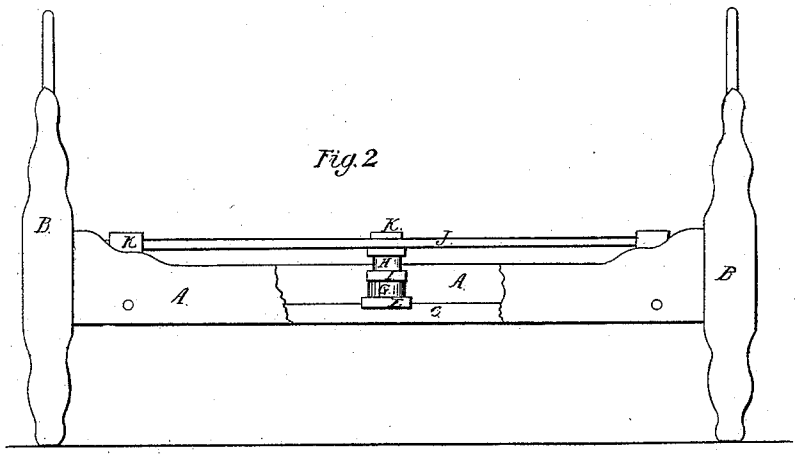
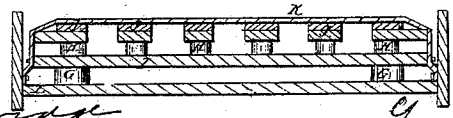


Fig. 3.



Witnesses:

W. H. Burridge

Frank Alden

Inventor:

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United States Patent Office.

GEORGE H. DOW, OF FREEPORT, ILLINOIS.

Letters Patent No. 65,731, *dated June* 11, 1867.

IMPROVED BED-BOTTOM.

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, GEORGE H. DOW, of Freeport, in the county of Stephenson, and State of Illinois, have invented certain new and useful improvements in Spring-Bed Bottoms; and I do hereby declare that the following is a full and complete description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a top view of the bed.

Figure 2 is a side view.

Figure 3 is a transverse section.

Like letters of reference refer to like parts in the different views.

A A, fig. 1, are the side rails of the bed; B, the post. Along the lower inner side of the rail is a rib, C, upon which and above is placed the cross-rail E. Upon these cross-rails are placed the rubber springs G, fig. 3, one at each end of the rail referred to. These springs consist of sections of rubber tubing cut of the proper length, and of a larger size than the springs H, arranged above them upon the supplementary cross-rail I. These smaller springs are placed under the slats J, three to each slat, as shown in fig. 3, and in which is seen the relative position of the slats, rails, and springs to each other. These springs, rails, and slats are kept in position by a pin fixed to the under side of the slats, and projected through the springs and rails so that it is free to play as the springs may be compressed by the weight upon the bed. In order to prevent any lateral displacement of the springs and slats they are stayed by a strap, K, one end of which is fixed to the inside of the bed-rail, as seen at *a*, fig. 3, and stretched across the top of the slats, where it is fastened in the same manner to the opposite side rail. This strap is then fastened to each slat and to the ends of the cross-rails, as seen in fig. 3. By this means the bottom is securely held together and to the side rails of the bed, and that without interfering with its elastic vertical movement. The purpose of introducing the larger springs is in order to elevate the bottom above the side rails, thus making the bed higher, and also to give a more free, easy, and equal pressure to the springs.

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

The arrangement of the sectional rubber springs G H between the single slats E, I, and J, forming a vertical series, held together by the straps K, constituting the bed-bottom, in the manner described.

GEORGE H. DOW.

Witnesses:

A. T. GREEN,

J. BEST.