P. Stovall,

Bed Bottom.

No. 108,650 Patented Oct. 25. 1870.

Fig. 1.

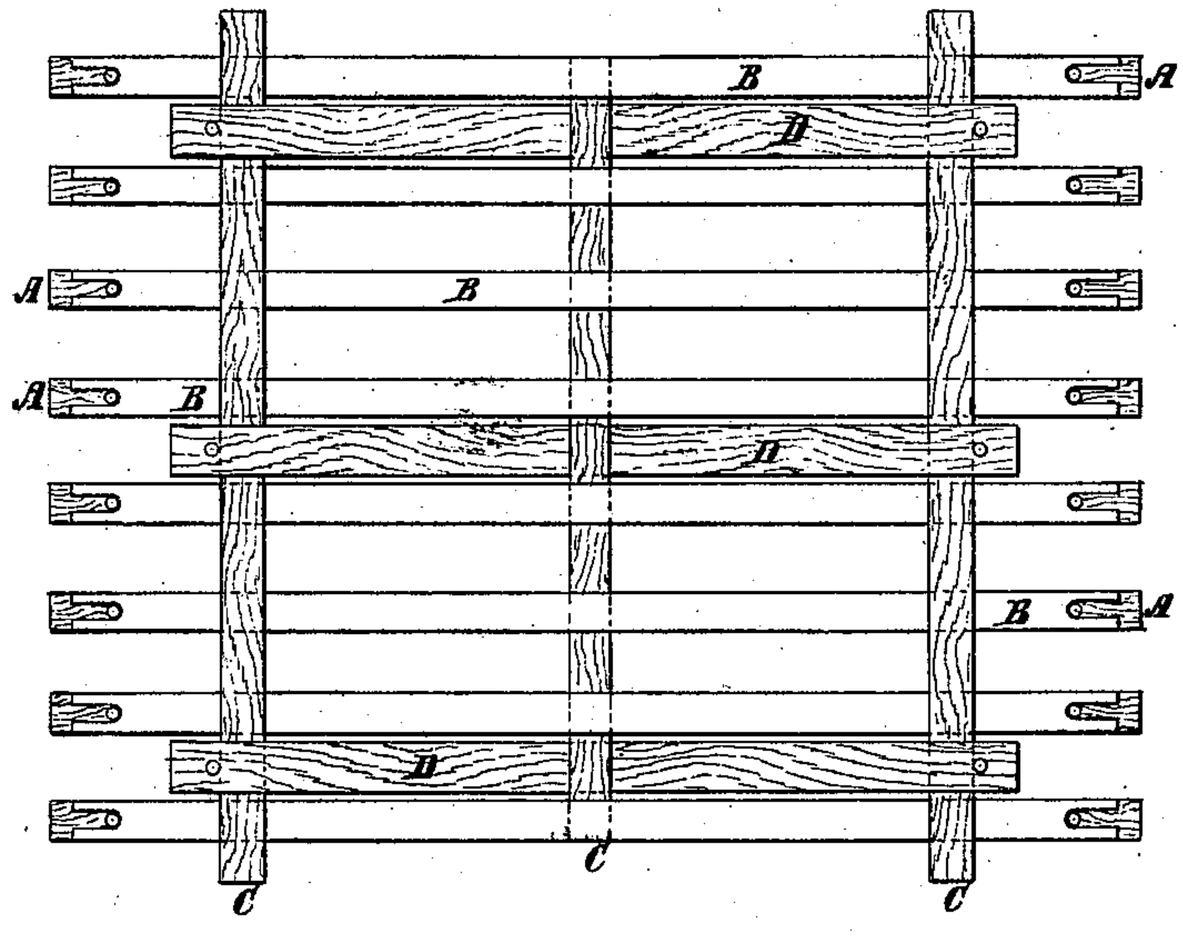
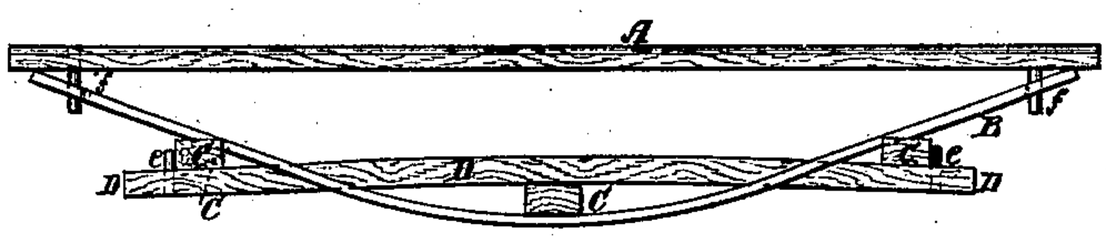


Fig. 2.



Witnesses.
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United States Patent Office.

PHILIP STOVALL, OF NEWMAN, GEORGIA.

Letters Patent No. 108,650, dated October 25, 1870.

IMPROVEMENT IN SPRING BED-BOTTOMS.

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, PHILIP STOVALL, of Newman, in the county of Coweta and State of Georgia, have invented a new and useful Improvement in Spring Bed-Bottoms; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

This invention relates to a new and useful improvement in spring bed-bottoms, whereby they are made cheaper, more elastic, and more durable than they have hitherto been; and

It consists in making the bottom of wooden slats, bars, and springs, arranged and operating as hereinafter described.

In the accompanying drawing—

Figure 1 represents a plan view of the under side of the bottom.

Figure 2 is a side view.

Similar letters of reference indicate corresponding parts.

A represents the top slats, upon which the mattress rests.

B, the springs.

C, the supporting-bars, which are placed at right angles with the slats and springs.

D, are bars, three, more or less, which rest on the middle supporting-bar C.

The bars C and D cross each other at right angles, but are not fastened together, except by guide-pins.

The outer bars C are kept in position by means of pins *c*, as seen in fig. 2.

The springs B are placed, as seen in fig. 2, under the middle bar and over the two outer bars, which latter bars form the main bearing points.

The ends of these two outer bars project and rest on the rails of the bedstead, or on cleats thereon.

The ends of the springs B are slotted, and each of the slats A is provided with a pin, *f*, in each end, which enters the slot. By this means the slats are kept in position on the springs, as seen in the drawing.

The slats themselves are elastic, and the springs B are highly elastic.

By this arrangement each pair, or each slat and spring, is independent of all the rest.

There are no rigid joints.

The bottom is made entirely of wood, and the springs are so interlaced with the supporting-bars that the entire bottom is flexible in the highest degree.

At the points where the springs come in contact with the outer supporting-bars C, recesses are cut in the bars in which the springs rest, which serve to keep the springs in proper position.

It will be seen that this bed-bottom may be taken to pieces without the removal of a screw, bolt or nail, and may be packed for storage or shipping in the most compact manner.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The slats A, springs B, and the bars C and D, combined and arranged substantially as and for the purposes herein shown and described.

Witnesses: PHILIP STOVALL.

W. A. MITCHELL,

J. A. ALLEN.