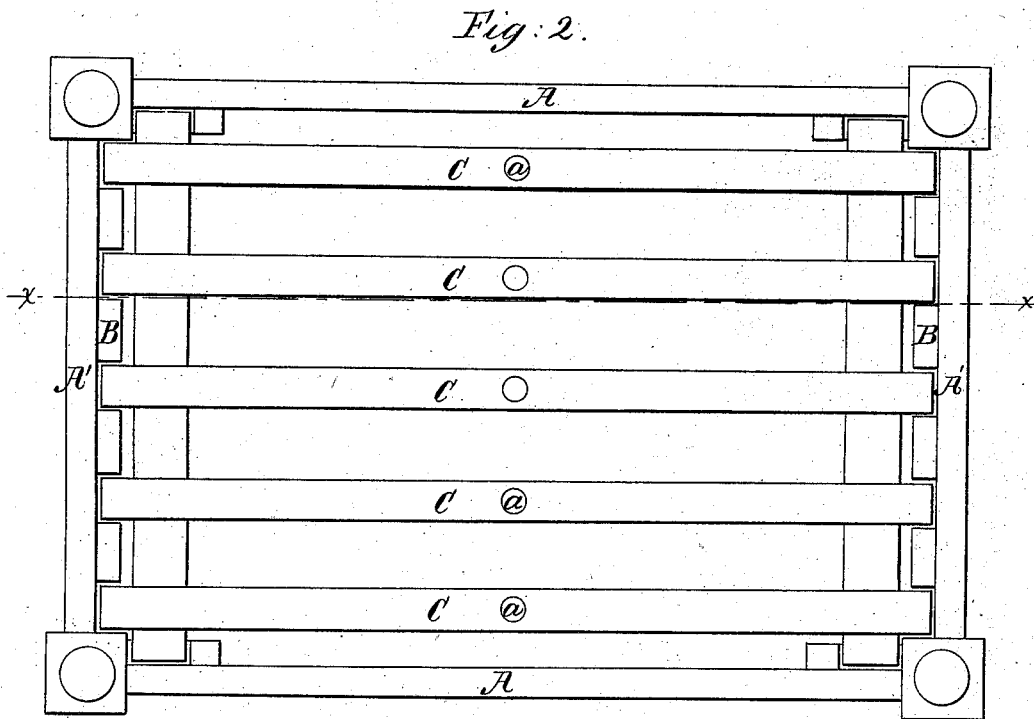
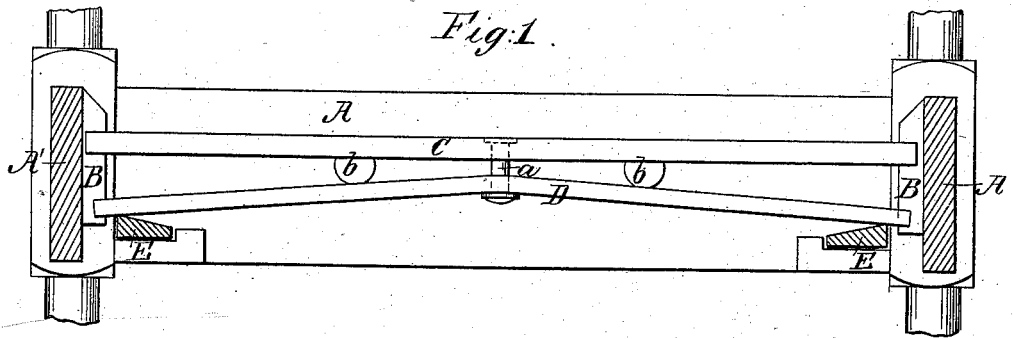


J. Rouse,
Bed Bottom,

N^o 54,779,

Patented May 15, 1866.



Witness
Mr. Blumington

Inventor,
Gonas Rouse
Per Myrns & Co Attys

UNITED STATES PATENT OFFICE.

JONAS ROUSE, OF DOWAGIAC, MICHIGAN.

IMPROVED BED-BOTTOM.

Specification forming part of Letters Patent No. 54,779, dated May 15, 1866.

To all whom it may concern:

Be it known that I, JONAS ROUSE, of Dowagiac, in the county of Cass and State of Michigan, have invented a new and Improved Bed-Bottom; 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 drawings, forming a part of this specification, in which—

Figure 1 is a longitudinal section of a bedstead, taken on the line *x x*, Fig. 2, showing my invention applied thereto. Fig. 2 is a plan or top view of the same.

Similar letters of reference indicate like parts.

My invention consists in the combination, with the slats of a bedstead, of a secondary slat, in such manner that the secondary slat acts as a spring, giving to the slats proper the desired springing motion, whereby a cheap and efficient spring bed-bottom is obtained.

A A' designate the side and end rails, respectively, of the bedstead. A rabbet or supplementary piece, B, is attached to the inside of the two end rails, A', of the bedstead, having mortises or grooves cut in them at suitable distances along their length to receive the slats and keep them from moving laterally out of place.

C are the slats, of a length to extend from end to end of the bedstead. To the under side of each slat, at about its center, a secondary slat, D, is secured by a bolt, *a*, or otherwise. The two ends of this secondary slat D are forced outward from the slat C by inserting at a proper distance on each side of the bolt *a* blocks *b*. The secondary slat D is thus caused to act as a spring at both its ends. The said ends of the secondary slat D rest upon transverse pieces E, running across the bedstead at the head and foot.

From the above description it will be seen that on depressing the slats C the secondary slat D will act as a spring and allow the slat C to have an easy springing motion. This arrangement produces a simple and cheap spring bed-bottom, susceptible of having any one of the slats or secondary slats, should such be damaged, removed and a new one inserted in its place.

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

The combination of the slats C and secondary slat D, arranged to operate substantially as specified.

JONAS ROUSE.

Witnesses:

ALBERT J. ROUSE,
ELIZABETH SMITH.