

D. M. Selig,

Bed Bottom.

No. 101,526.

Patented Apr. 5, 1870.

Fig. 1.

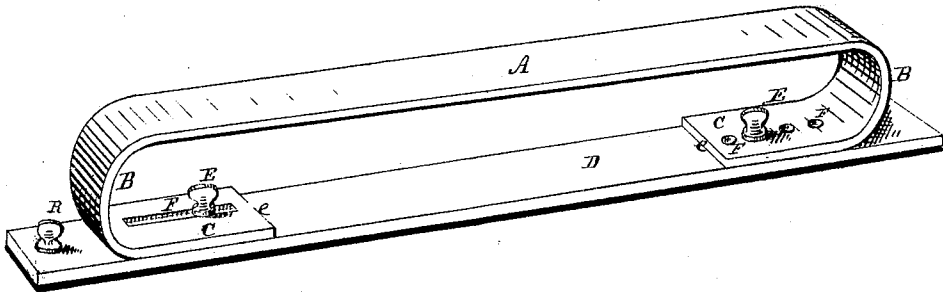


Fig. 2.

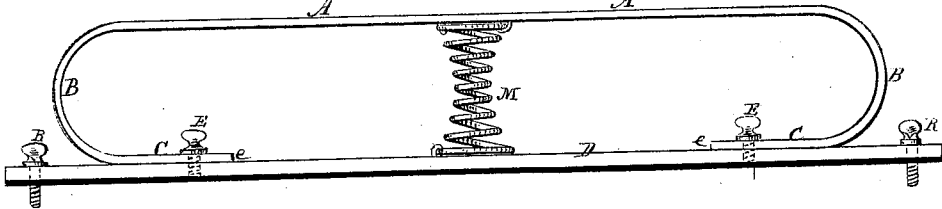
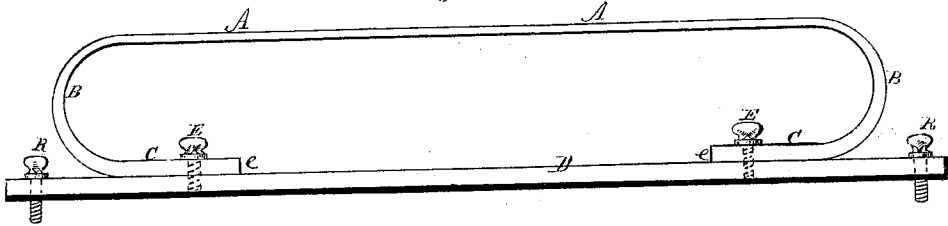


Fig. 3.



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D. N. SELIG, OF NEWBURG, NEW YORK.

Letters Patent No. 101,526, dated April 5, 1870.

## IMPROVED SPRING-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, D. N. SELIG, of the city of Newburg, county of Orange and State of New York, have invented certain new and useful Improvements in Spring-Beds; and I do hereby declare that the following is a full and exact description thereof, reference being had to the annexed drawings and to the letters of reference marked thereon.

The nature of my invention consists in forming the spring or springs in beds of single continuous strips, curved at either end somewhat in the form of a semi-circle, thereby giving height to the bed and securing the same upon connecting strips which support the springs in an upright position, and which are yielding or flexible from the curved or bent ends.

Also, in slotting or providing a series of openings in the lower or return ends of the springs, to receive the thumb-nuts, so as to adjust the strength or stiffness of the springs as required.

To enable others skilled in the art to make and use my improved spring-bed, I will proceed to describe the same in detail, in which—

Figure 1 represents a view, in-perspective, of a single spring detached from the bedstead, which it is not deemed necessary to delineate here, as these springs may be used upon almost any bedstead, and as many of them as may be required.

Figure 2 is a side elevation of fig. 1, having a spiral spring shown in the middle thereof, which may or may not be used.

Figure 3 is also a side elevation of fig. 1, with the addition of having more material in the curved or bent ends, leaving the springs much stronger and not so yielding as in figs. 1 and 2.

Let A in the annexed drawings represent the upper part of the springs, to receive and support the bed or mattress.

The opposite ends of these are curved at B, somewhat in the form of a semi-circle, with the return ends C extending sufficiently inward to rest upon and be secured to supporting strips D.

To secure these springs A to the strips D, thumb-nuts E are provided, which extend through the openings F in the lower or return ends C and into the strips D, firmly clamping the springs and supporting strips

together, as seen in the several figures, imparting more or less elasticity thereto through the curved or bent ends B, by securing the lower or return ends C nearer or further from the extreme ends e, by means of the thumb-nuts E.

Thumb-nuts R may also be used to secure, in any desired position, the supporting strips D upon the bedstead.

To impart additional strength to the curved or bent part of the springs B, in order to sustain greater weights, they may be made thicker at the two curved or bent ends, B, and gradually drawn down to the thickness of the upper or straight part A of the springs, as shown in fig. 3.

To adjust these springs to the requirements of different persons, rendering them more or less elastic or yielding, as required, the lower or return ends C are slotted, or are provided with a series of openings, F, so that the thumb-nuts E may be placed nearer to the curves B, to increase the rigidity of the springs, or nearer to the inner ends e, to render them more elastic or yielding.

If desired, spiral springs M may be placed between the straight or upper part of the springs A and the supporting strips D, to add to their strength, but their employment is not deemed necessary, and is optional with the manufacturer.

These springs may be made of any desired material, the upper part A being sufficiently thin to yield or bend when pressed upon, and the flexibility to allow them to yield and to restore them to a straight position again when relieved of weight being produced by the curved or bent ends B.

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

The spring A, bent downward and inward at the ends B B, and provided with slots or a series of holes, F F, in its recurved ends C C, for adjusting its points of attachment to the strip D, all in combination with the said strip, for the purposes herein specified.

D. N. SELIG.

Witnesses:

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