

C. T. SEGAR.
 SPRING BED-BOTTOM.

No. 180,072.

Patented July 18, 1876.

Fig 1

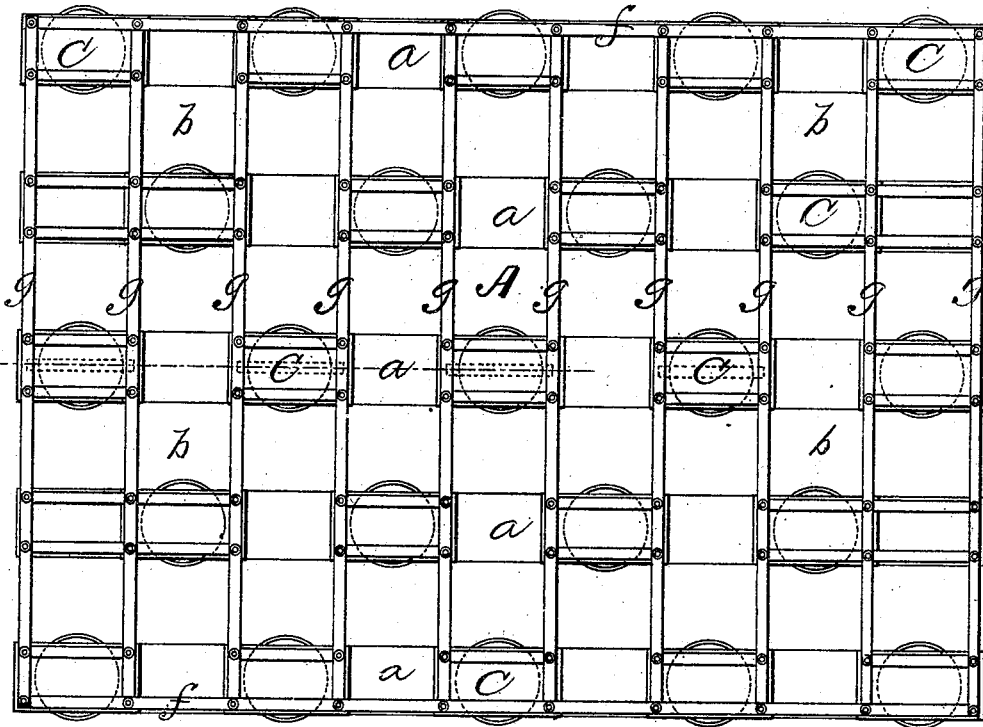


Fig 2

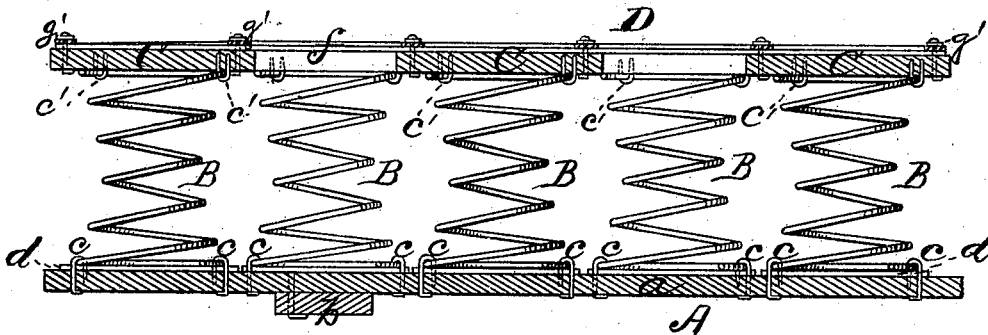
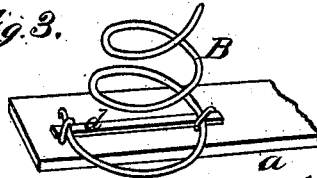


Fig 3.



WITNESSES
Villette Anderson.
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UNITED STATES PATENT OFFICE.

CHARLES T. SEGAR, OF UTICA, NEW YORK.

IMPROVEMENT IN SPRING BED-BOTTOMS.

Specification forming part of Letters Patent No. **180,072**, dated July 18, 1876; application filed January 8, 1876.

To all whom it may concern:

Be it known that I, CHARLES T. SEGAR, of Utica, in the county of Oneida and State of New York, have invented a new and valuable Improvement in Spring Bed-Bottoms; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a plan view of my spring bed-bottom, and Fig. 2 is a longitudinal vertical sectional view of the same. Fig. 3 is a perspective view of a portion of one of the strips of the bottom frame, with one of the springs provided with a cushion-rod.

This invention has relation to improvements in spring bed-bottoms; and it consists in the arrangement and novel construction of the parts, as will be hereinafter more fully set forth.

In the annexed drawings, the letter A designates the bottom frame of my improved spring-bed, composed of spaced longitudinal wooden strips *a*, connected and braced by transverse wooden strips *b*. This frame is of a length and breadth proportionate to the size of the bed. Upon these strips are arranged spaced metallic spiral springs B. These springs are secured to strips *a* by means of staples *c*, which are driven into strips *a*, so as to include the lower portion of the said springs

and a rod, *d*, which extends diametrically across the lower spiral of the said springs, as shown in Figs. 2 and 3, for the purpose of affording the necessary solidity and durability of their attachment, the rod *d* extending diametrically across the lower helix of the spring, and acting as a cushion between the lower end of the spring and the supporting-strip *a*. The upper ends of these springs are secured by means of stopples *e* to rectangular plates of wood, C, which, being designed to afford broad bearings for springs B, are necessarily in the same relation to each other as are the said springs.

I am aware that it is not new, broadly, to rest spiral springs on slats in a lower frame of a bed-bottom, each spring having on its top a square, flat block, the blocks being tied together by rattan strips, as shown in Letters Patent dated September 30, 1873, No. 143,373, and I therefore lay no claim to such invention.

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

In a bed-bottom, the combination, with the strip *a*, of the spiral spring B, staples *c*, and rod *d*, substantially as described, and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

CHARLES T. SEGAR.

Witnesses:

T. J. GRIFFITH,
A. O. SPRINGER.