

G. L. Gerard

Bed Bottom.

N^o 89,651.

Patented May 4, 1869.

Fig. 1.

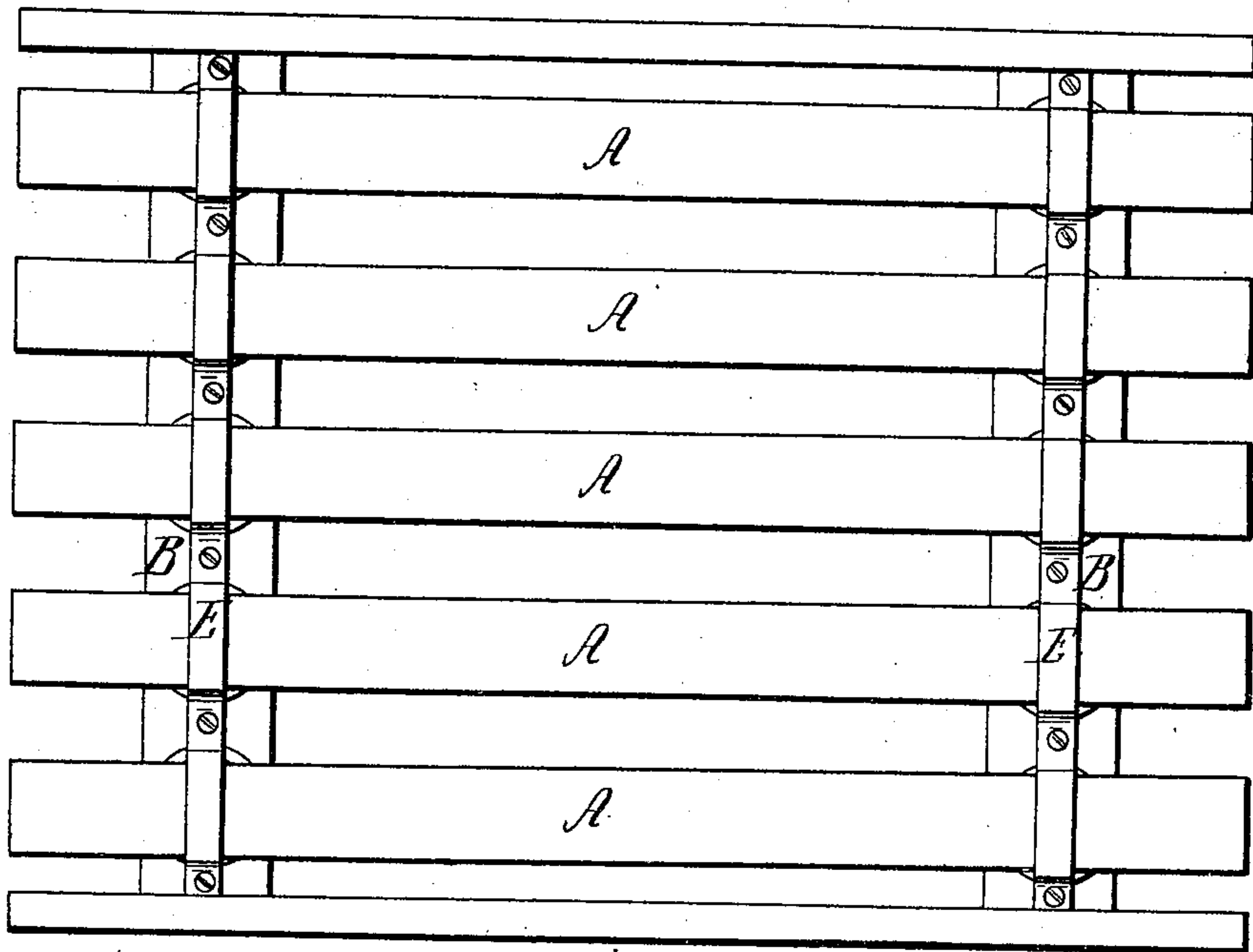


Fig. 2.

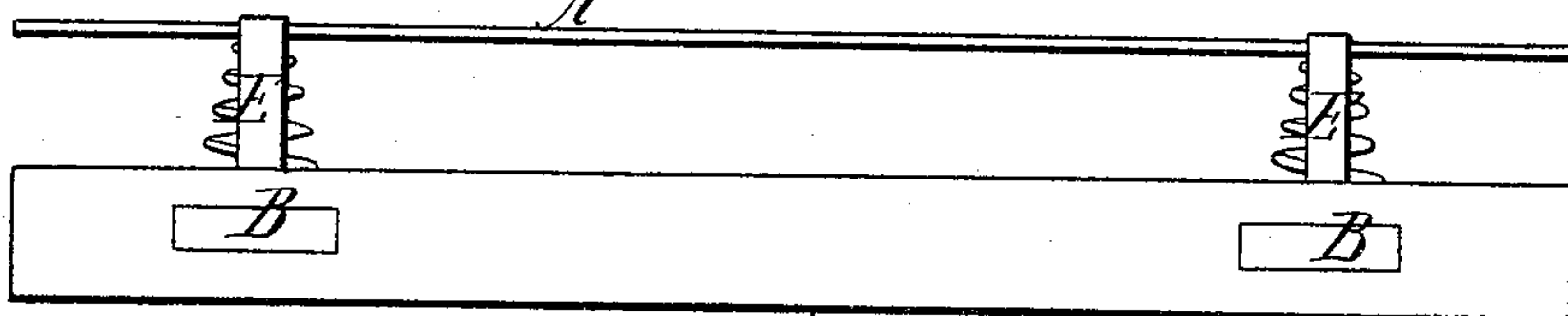


Fig. 3.

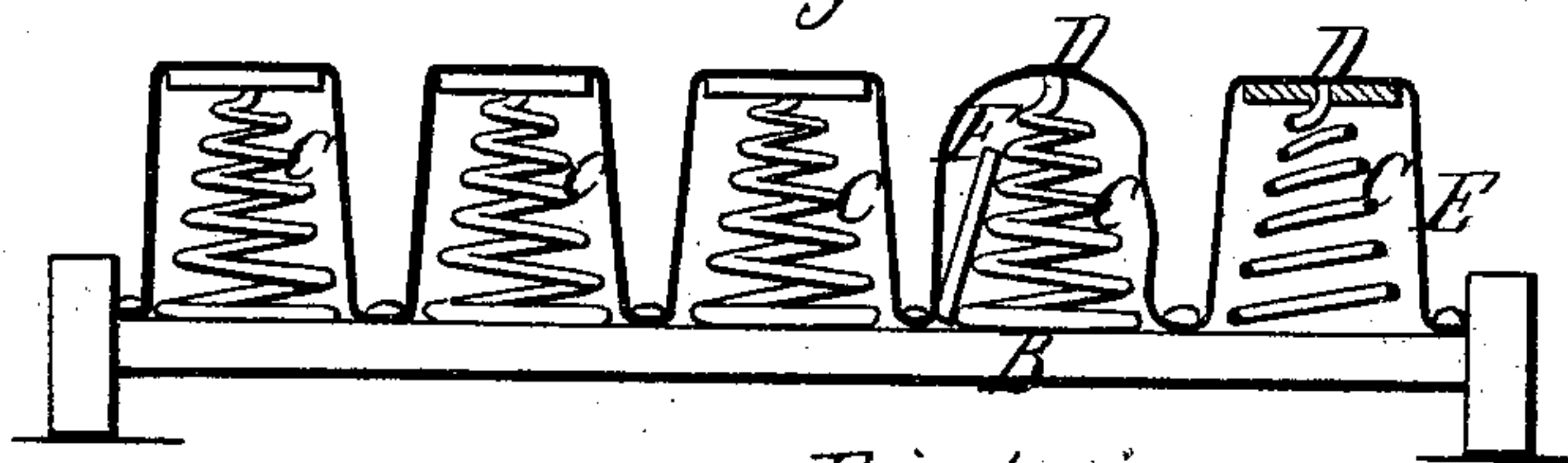
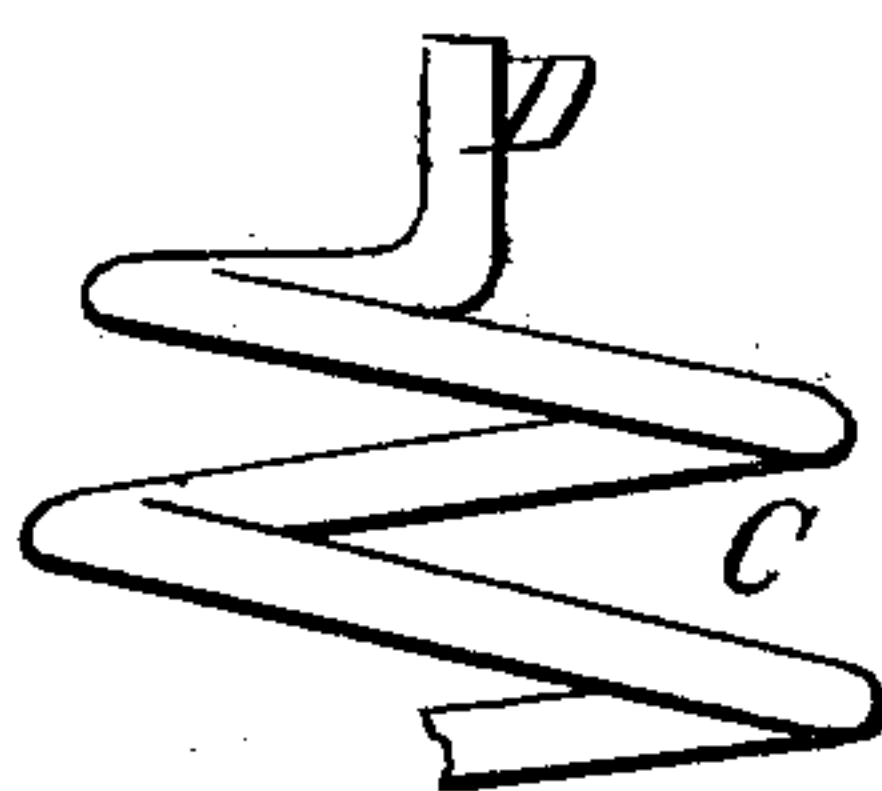


Fig. 4.



Witnesses;

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GEORGE L. GERARD, OF NEW HAVEN, CONNECTICUT.

Letters Patent No. 89,651, dated May 4, 1869.

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, GEORGE L. GERARD, of New Haven, in the county of New Haven, and State of Connecticut, have invented a new Improvement in Spring-Beds; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent in—

Figure 1, a top view,

Figure 2, a side view,

Figure 3, an end view, and in

Figure 4, the upper portion of one of the springs, detached and enlarged.

This invention relates to an improvement in that class of spring-beds which consists of several slats resting upon spiral springs, the object being to make the removal of the slats, or readjustment, more simple and easy, as well as to cheapen the construction. To this end—

My invention consists in constructing the springs with a short point or tip upon their upper end, so as to enter a perforation in their respective slats, and combined with a strap fixed to a cross-bar and passing over each slat and secured to the bar between the several slats, so that while the said straps retain the slats in position, they, at the same time, permit the easy removal of the slats for readjustment or other purpose.

In order to the clear understanding of my invention, I will fully describe the same as illustrated in the accompanying drawings.

A are the slats, of the usual construction;

B, the spring-bars; and

C, the springs.

The springs are of the usual conical form, with this difference, that, at their upper end, the wire is turned up to form an upward-projecting end, D, and into the slats is made a perforation to receive the said end, D.

The several springs are fixed to their respective bars D, in the usual manner.

A strap, E, denoted in red, is attached to the bar, between each of the springs, so as to form a loop between each two attachments of sufficient length to pass over the slats when placed upon the springs and slightly depress the springs, so as to retain the slats in the position denoted in fig. 3.

This arrangement affords a simple and easy means of adjustment for the slats.

After a little use, the slats are bent downward between the springs, so as not to return to their straight position. It is therefore desirable to turn the slats over or upside down.

To do this, depress the spring under each end of the slat and turn the slat down, as seen at F, fig. 3, when it may be drawn out, reversed, and returned into the loop beside the spring, then the springs depressed, and the slat reset thereon as before.

I do not wish to be understood as claiming the arrangement of a strap, passing over the several slats and secured at the extreme ends, and to each slat, as such, I am aware, is not new; neither do I claim the construction of a spring having the upper or tip end turned up so as to enter the slat.

Having thus fully described my invention,

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

The spring C, constructed with the turned-up end D, in combination with the strap or loops E and slats A, the said strap passing over each slat and secured to the cross-bar B between each two of the slats, and the slat perforated to receive the end D of the spring, and so that the slat may be reversed as set forth, and the whole constructed and arranged so as to operate substantially as set forth.

GEO. L. GERARD.

Witnesses:

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J. H. SHUMWAY.