

J. P. CHAMBERLIN.
Improvement in Spring-Seats and Beds.
 Patented July 16, 1872.
 No. 129,098.

FIG. 1.

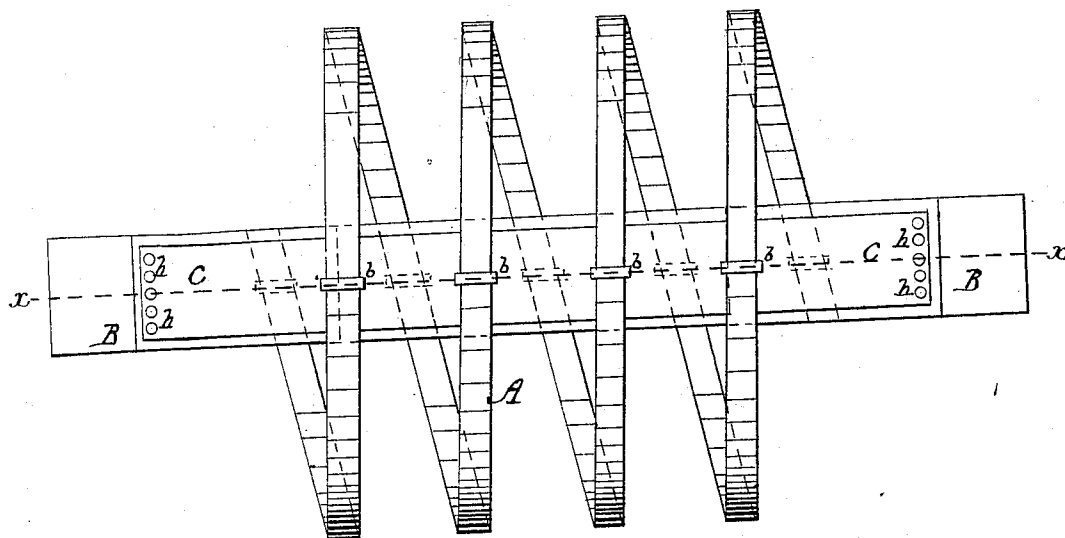


FIG. 2.

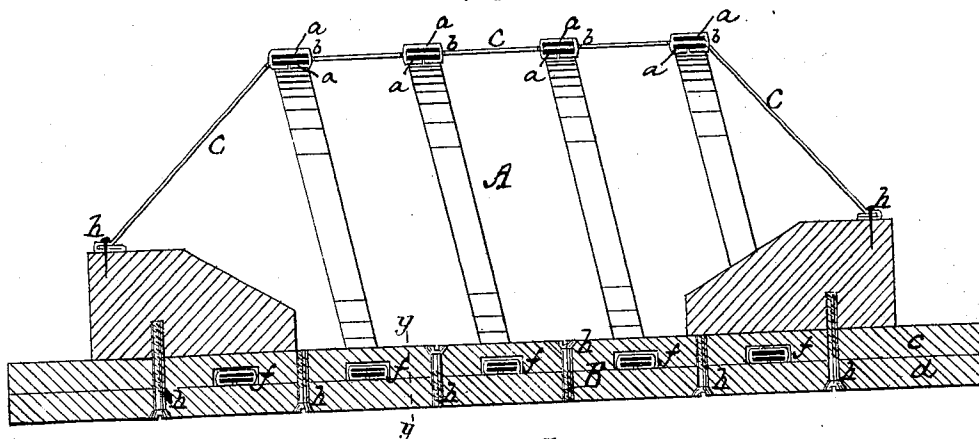
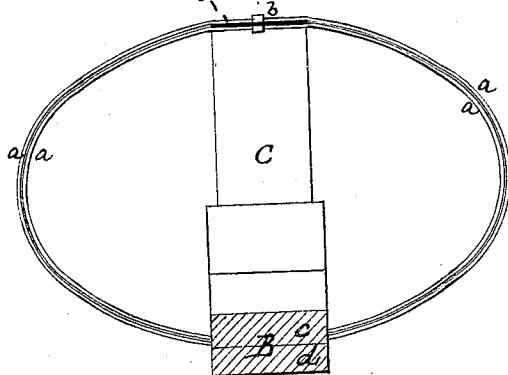


FIG. 3.



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WITNESSES.

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JAMES P. CHAMBERLIN, OF NORTH ABINGTON, MASSACHUSETTS.

IMPROVEMENT IN SPRING-SEATS AND BEDS.

Specification forming part of Letters Patent No. 129,098, dated July 16, 1872.

To all whom it may concern:

Be it known that I, JAMES P. CHAMBERLIN, of North Abington, Plymouth county, State of Massachusetts, have invented a new and useful Improvement in Spring-Seats and Beds; and that the following is a full, clear, and exact description of the same, reference being had to the accompanying plate of drawing.

This invention relates particularly to a spring-seat or bed, for which Letters Patent, dated December 19, 1871, and numbered 121,990, were issued to me. The invention consists in a novel construction of the spring and of the application to it of a strip of webbing, as hereinafter particularly described.

In the accompanying plate of drawing my improvements in spring-seats and beds are illustrated—

Figure 1 being a plan view; Fig. 2, a longitudinal section in line *x x*, Fig. 1; Fig. 3, a cross section in line *y y*, Fig. 1.

A in the drawing represents a spring such as described in the Letters Patent referred to. This spring A is made of two bands, *a*, of metal, one within the other, and contiguous to and in contact with each other; C, a band or strip of woven material connecting together the several coils of the spring A. The strip C extends from one end of the spring to the other, and where it intersects a coil of the

spring it is placed and laid in and between the two bands *a*, of which the spring is made; *b*, clasps of metal. These clasps *b* are applied to the spring A at two points of each coil, as shown, one point being where the woven strip C is located. They serve to confine the bands *a* together, and from lateral movement, and by their prongs they pass through the webbing C, securing the same, when the prongs are doubled under the inner band *a*, to the bands *a'*; B, a rail to which the spring A is secured. This rail B is in two parts, *c* and *d*, and between the two parts the spring A by its separate coils is placed, lying in grooves *f* of the upper part of the rail. The two parts *c* and *d* are now secured together by screws, fastening thereby the spring A in place, and the web-strip C is at each end nailed or otherwise secured under tension to the rail B, the nails or pins being lettered *h*.

Having thus described my invention I will state my claim as follows:

The spring A made of two or more bands, *a*, webbing-strip C, clasps *b*, and divided rail B, all in combination as described, for the purposes specified.

J. P. CHAMBERLIN.

Witnesses:

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