

S. Winslow

Bed-Bottom.

No. 85,280.

Patented Jan. 19. 1869.

Fig. 1.

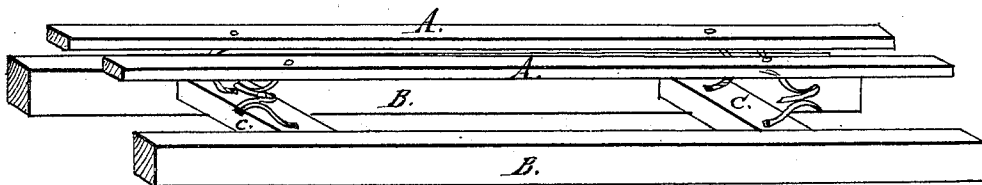
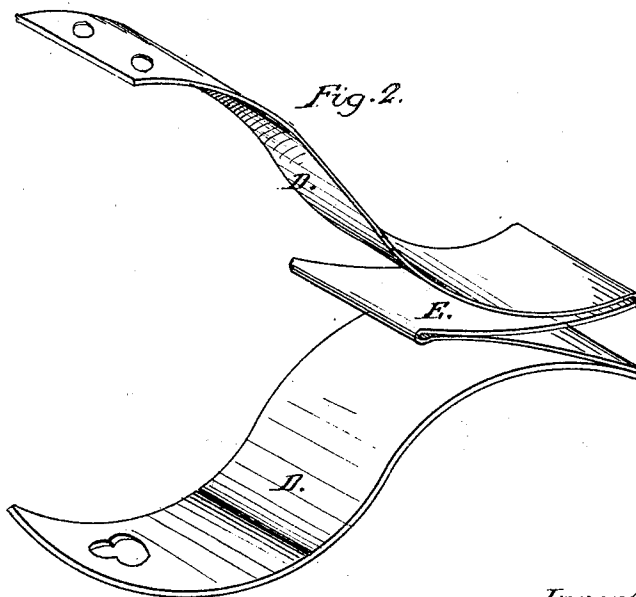


Fig. 2.



Witnesses:
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Inventor:
Seth Winslow
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Att'y.

United States Patent Office.

SETH WINSLOW, OF CHARLESTOWN, MASSACHUSETTS.

Letters Patent No. 85,980, dated January 19, 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, SETH WINSLOW, of Charlestown, in the county of Middlesex, and State of Massachusetts, have invented an Improved Spring for Bed-Bottoms; and do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which—

Figure 1 represents a bed-bottom with my improved spring.

Figure 2 is a perspective view of my spring detached.

The object of this invention is to produce a cheap, durable, and easy spring-bed bottom, and one easily constructed.

The nature of my invention consists in using a steel spring, placed under each end of the slats to a bed-bottom, at such distances apart as will present an even surface at all times; and, by this construction, to allow of the slats extending the whole length of the bed, thereby avoiding sagging at each end.

The principal feature of my bed-bottom is the construction of the spring, somewhat in the form of the letter M, with projecting curved arms, which, when depressed, cause the central folds to open, thereby triplicating its elasticity.

In the drawings—

A A are ordinary slats, running lengthwise with the bed;

B B are side-rails;

C C, cross-bars; and

D is the spring.

The spring D is made of flat steel, and bent, so as to give the projection E. This formation serves as a double spring; that is, by it I secure three distinct springs combined in one, and this gives sufficient elasticity, while I am able to use a spring heavy enough to give durability.

In using an ordinary half-elliptic spring, one sufficiently durable does not possess enough elasticity. I overcome this by the peculiar construction shown.

The method of attaching these springs is old, and not part of my invention. The arrangement of slats, cross-bars, and side-rails, is also old and well known, as well as placing springs at a distance from the ends, but the construction of the spring itself is entirely new, while all the other parts shown are old.

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

The spring D E, in combination with slats A A, rails B B, and cross-bars C C, substantially as and for the purposes set forth.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

SETH WINSLOW.

Witnesses:

CARROLL D. WRIGHT,

M. S. G. WILDE.