

# United States Patent Office.

LEWIS ANDERSEN, OF CHICAGO, ILLINOIS.

Letters Patent No. 107,995, dated October 4, 1870.

## IMPROVEMENT IN SPRING-BEDS.

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, LEWIS ANDERSEN, of the city of Chicago, in the county of Cook and State of Illinois, have made certain new and useful Improvements in Portable Spring-Beds; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a side elevation of my invention, and

Figure 2 is a transverse vertical section, showing the parts folded up.

Similar letters of reference in the drawing indicate corresponding parts.

My invention has for its object to improve the construction of spring beds, which shall be at the same time portable, cheap, durable, and not liable to get out of repair; and to this end,

The invention consists in so constructing the bed that it can be folded, one part or one half upon the other, and when so folded, can be easily boxed for transportation, or it can be upholstered, and placed against the side of a room, to be used as a seat, each folding part being provided with springs, secured in place and arranged as will be hereinafter described.

In the drawing—

A is the top of the bed, made of a series of longitudinal strips, each strip forming the bearing for a set of springs. This top is jointed and hinged in the middle, so that it can be folded up, as shown in fig. 2. The strips of the top are covered with canvas, or other suitable material, to keep the same level, and make a plane surface to put the mattress upon.

B B are the bottom rails, which rest upon the bedstead or floor. These are connected together by wide strips of wood D, upon which the springs are fastened.

C C are the springs, placed between and fastened to the top strips and bottom strips D, by bolts or screws F.

These bolts or screws F are inserted through the top strips and bottom piece D, and a strip of metal, or a metal plate, E, is placed between the two extreme coils on each end of the springs, and through which the screws or bolts F are passed, and a nut, G, placed upon them, to keep the same steady and firm.

By this metal strip being passed between the coils at the extreme ends of the springs, and fastened by the screws, the top can only be raised to a certain distance.

The top A and bottom rails B B are also connected and kept together by diagonal strips of webbing, or other suitable material. These strips also prevent longitudinal displacement of the springs.

The advantage to be derived from my mode of construction is, that when the device is unfolded, as shown by dotted lines in fig. 2, the bed is ready, whether it be placed on the floor or a bedstead, to receive the mattress.

When folded, it can be upholstered and used as a seat. It also, in this condition, forms a compact package for transportation, easily handled, and not liable to be broken or disarranged while being moved, and by my mode of fastening the springs to their seats with the metal plate, and bolts, and nuts, they cannot be displaced by any ordinary usage, but are always kept in the proper place and position, thus rendering the device simple and economical.

Having thus described my invention,

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

The spring bed-bottom, consisting of the two folding parts, each provided with the springs C, secured to their seats by the strips of metal E, and the bolts and nuts F G, arranged substantially as described, for the purpose specified.

Witnesses:

LEWIS ANDERSEN.

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