

C. GAMMEL.
Spring Bed-Bottoms.

No. 139,567.

Patented June 3, 1873.

Fig. 1

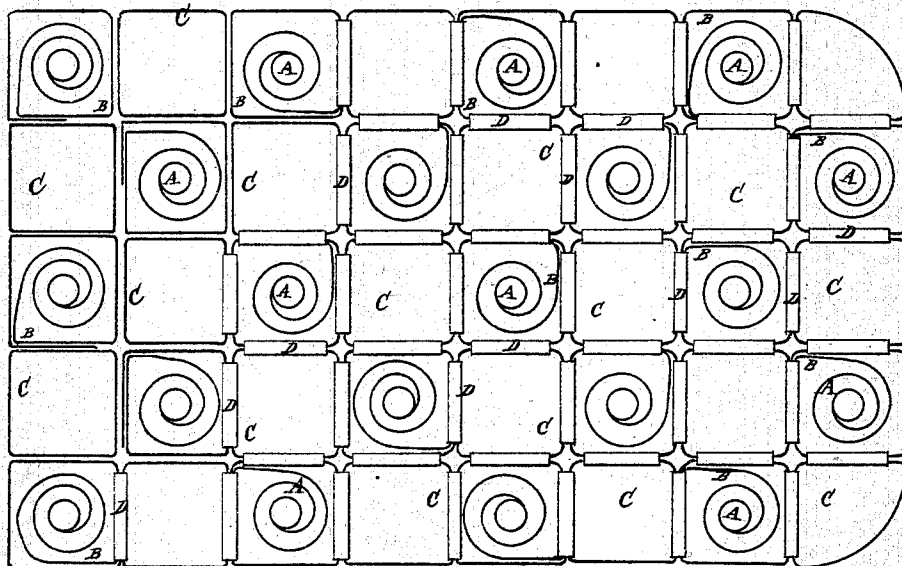
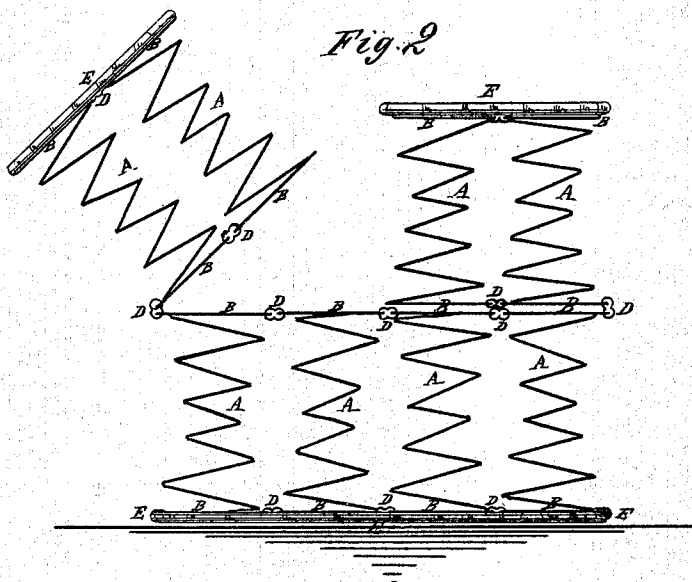


Fig. 2



Witnesses:

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UNITED STATES PATENT OFFICE.

CHARLES GAMMEL, OF UTICA, NEW YORK.

IMPROVEMENT IN SPRING BED-BOTTOMS.

Specification forming part of Letters Patent No. **139,567**, dated June 3, 1873; application filed March 29, 1873.

To all whom it may concern:

Be it known that I, CHARLES GAMMEL, of Utica, in the county of Oneida and State of New York, have invented a new and useful Improvement in Spring Bed-Bottoms, of which the following is a specification:

Figure 1 is a top view of my improved bed-bottom. Fig. 2 is a side view of the same, partly folded.

Similar letters of reference indicate corresponding parts.

The invention consists in improving the construction of bed-bottoms, as hereinafter fully described and pointed out in the claim.

A are ordinary coiled springs, any desired number of which may be used. The ends of the wires that form the springs A at each end of said springs are bent to form squares B of a little larger diameter than the springs. The springs A are arranged in rows and alternately, as shown in Fig. 1. In the vacant spaces between the squares B of the springs A are placed squares C of wire of such a size that their sides may be parallel with and close to the sides of the squares B. The adjacent sides of the squares B C are hinged to each other by pieces D of sheet-metal bent so as to clasp said parallel sides in such a way that the said wires will turn freely in the said clasps or hinges.

If desired, the squares C as well as the squares B may be formed upon the ends of springs,

which arrangement requires the springs to be made weaker than when arranged alternately, as shown in Fig. 1.

At two points, one-quarter the distance from the head and foot, the adjacent sides of two rows of squares, B C, upon the under side of the bed-bottom are not connected, so that the end parts of the bed-bottom may be turned up over the middle part, as indicated in Fig. 2, thus enabling the bed-bottom to be folded into a convenient form for convenience in handling, storage, and transportation, without straining the springs.

The corners of the bed-bottom may be made round or square according to the form of the bedstead upon which it is to be used.

To the lower side of the parts or sections of the bed-bottom are secured pieces of Brussels carpet, E, or other firm thick cloth, to rest upon the slats of the bedstead and thus prevent noise when the bed is being used.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination of the springs, the hinged squares and sections, and the subjacent fabric, as and for the purpose described.

CHARLES GAMMEL.

Witnesses:

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