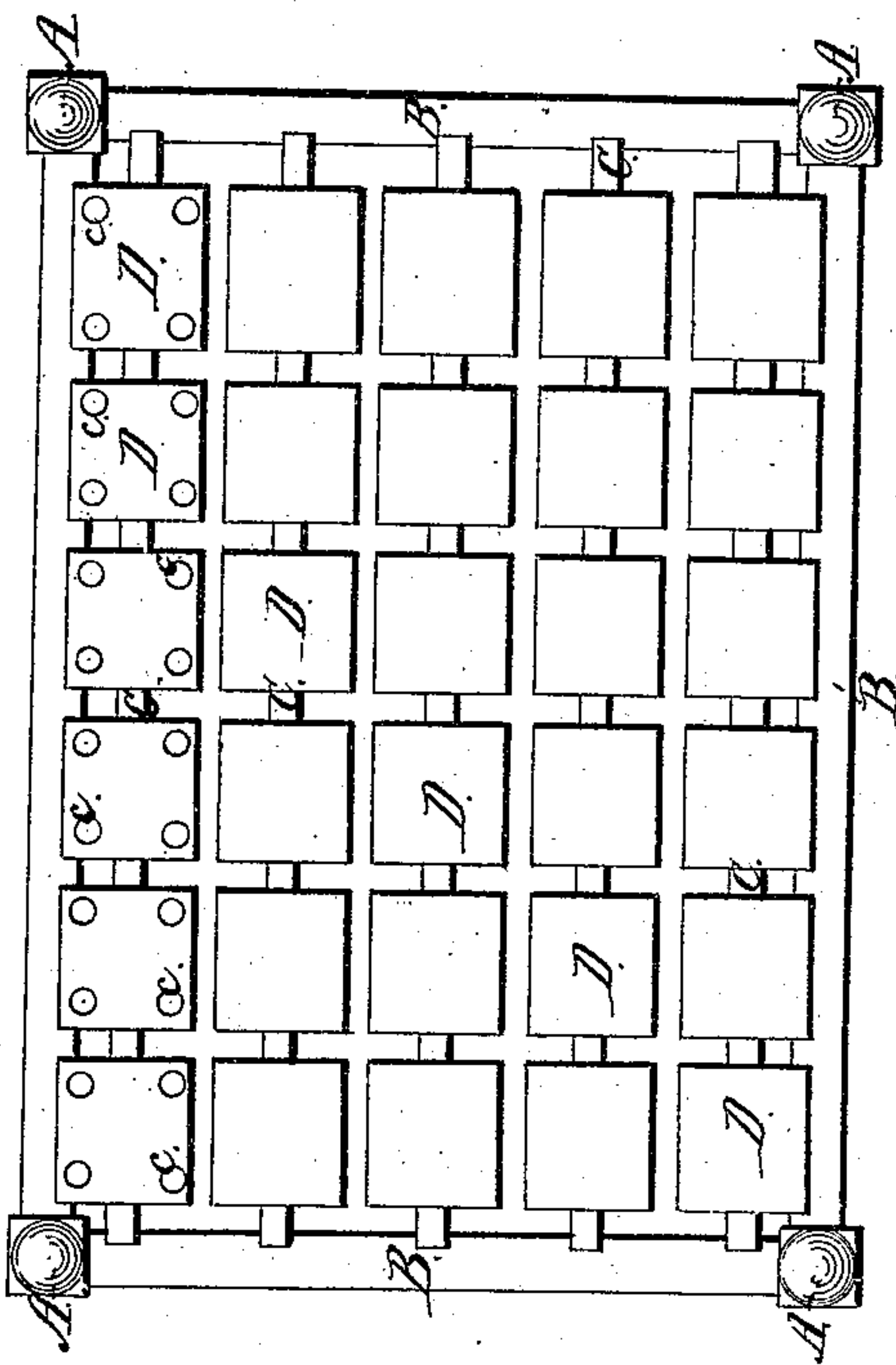
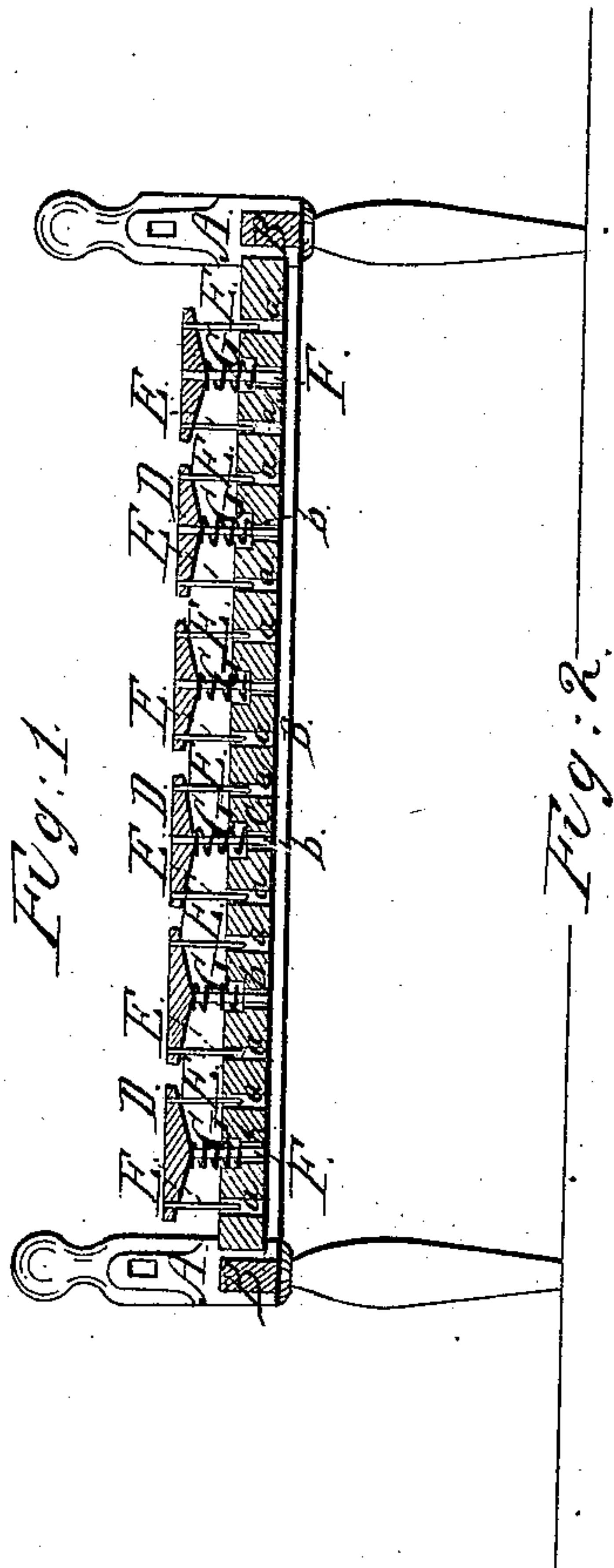


W. Wright,

Bed Bottom,

N^o 12,111.

Patented Dec. 19, 1854.



UNITED STATES PATENT OFFICE.

WENDELL WRIGHT, OF NEW YORK, N. Y.

SPRING BED-BOTTOM.

Specification of Letters Patent No. 12,111, dated December 19, 1854.

To all whom it may concern:

Be it known that I, WENDELL WRIGHT, of the city, county, and State of New York, have invented a new and useful Improvement in Mattress or Spring-Bottom Bedsteads; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1, is a central vertical longitudinal section of a bedstead with my improvements. Fig. 2, is a plan or top view of the same.

Similar letters of reference in each of the two figures indicate corresponding parts.

The nature of my invention consists in making the bottom, upon which the bed or mattress rests, of wood, and in a great number of separate and independent sections, and arranging each and all of said sections upon ordinary spiral springs placed around central guide rods, secured to the center of said section, and playing freely up and down in holes cut through the slats or bars of the bedstead, and also providing each and all of the section with two other guide and bracing rods, which also play up and down in holes cut through the bars of the bedstead and keep said sections from having lateral play while the weight is upon the bed or mattress.

By thus making the bedstead bottom in sections, all the parts can be easily removed independently of one another, and cleansed with ease and facility, and when the parts are again properly arranged for use, and the mattress is placed on them, a free circulation of air is admitted through the spaces between the sections, and the mattress ventilated in a very perfect manner.

I am also enabled to use the ordinary spiral springs in place of the double conical springs, which are very expensive, and will not endure any more strain than the common spiral springs when said spiral springs are arranged and employed in the manner herein described.

This arrangement likewise avoids the necessity of arranging the springs in a frame having its top and bottom covered with sacking stuff, and consequently, so good a

chance for bed bugs to accumulate and conceal themselves, is not offered.

To enable others skilled in the art to make and use my invention, I will proceed to describe it more minutely.

A, A, A, A, represent the posts of the bedstead; B, B, B, B, the side and end rails; and C, C, C, C, C, the slats or bars which sustain the sectional bottom. These slats are arranged in the ordinary manner, and are capable of being taken out, when desirable.

D, designates the square boards forming the sections of the elastic bottom.

E, E, and F, represent the guide rods for preventing the sections having lateral play. These guide rods are attached fast to the square boards, D, and move freely up and down in the holes, *a, a*, and *b*, cut through the bars, C, as represented.

G, represents the spiral springs, for sustaining the sections and making them elastic—these springs are arranged on the central guide rod, F, and fit in the seats, *d*, cut in the bars, C, as represented. These springs, by being used in the manner shown, in connection with the guide rods, E, E, F, and the square boards, D, answer as well for the purpose herein shown, and last as long as double conical springs, which are far more expensive.

C, represents a series of ventilating holes cut through the boards, D. Ventilation is also secured by arranging the sections a short distance apart in the manner shown in the drawing.

To prevent the holes for the guide rods to play in, being occupied by bed bugs, it is well to coat the wood around the same with soap. The motion of the rods, up and down, however, will, in a measure, destroy or drive them out of said holes.

The elastic bottoms heretofore used, cannot be taken apart, so as to be washed and cleaned on their interior sides, and again properly arranged with ease and facility; and in fact, to my knowledge, they are not constructed at all with this object in view, and consequently bed bugs have a chance to accumulate and conceal themselves within the same. By my arrangement, every part of the elastic bottom can be taken apart, washed, and again put together, with the

greatest ease and facility, as must be evident from the drawing.

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

- 5 The manner herein described of making the elastic bottom of bedsteads, of wood, and in a great number of separate and independent square, or other suitable shaped

sections—in combination with the manner herein shown and described, of arranging 10 said sections, for the purposes set forth.

WENDELL WRIGHT.

Witnesses:

S. H. WALES,

J. W. HAMILTON.