

S. M. GUEST.

Improvement in Spring Bed Bottoms.

No. 124;436.

Patented March 12, 1872.

Fig. 1

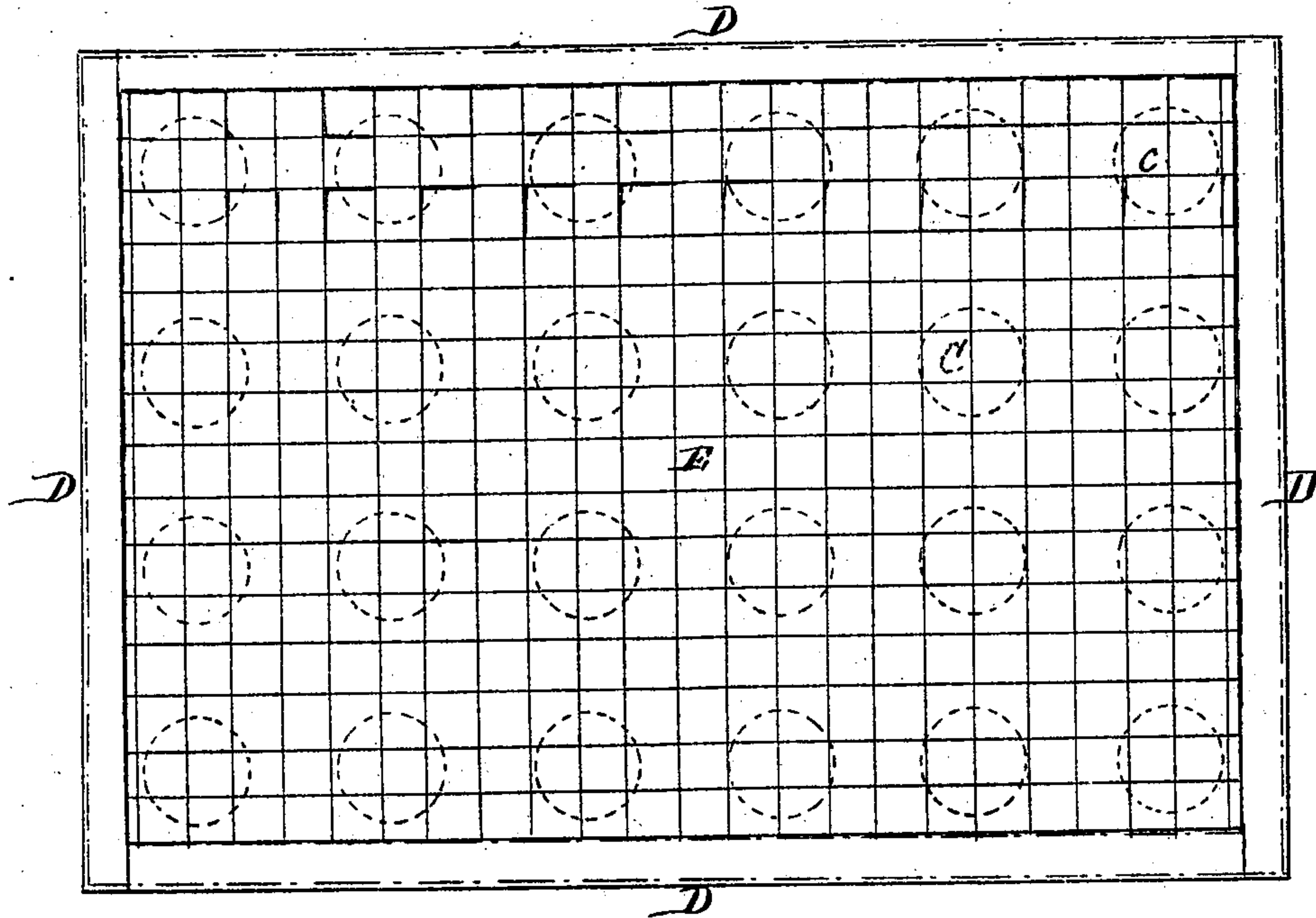


Fig. 2

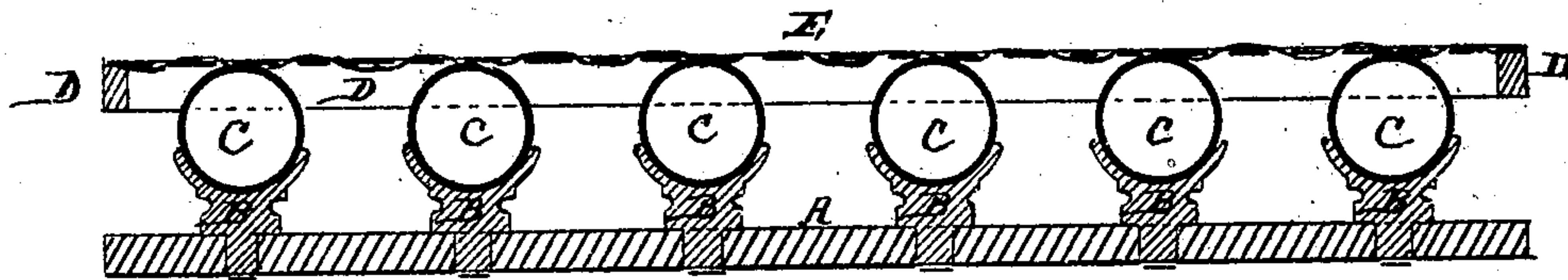
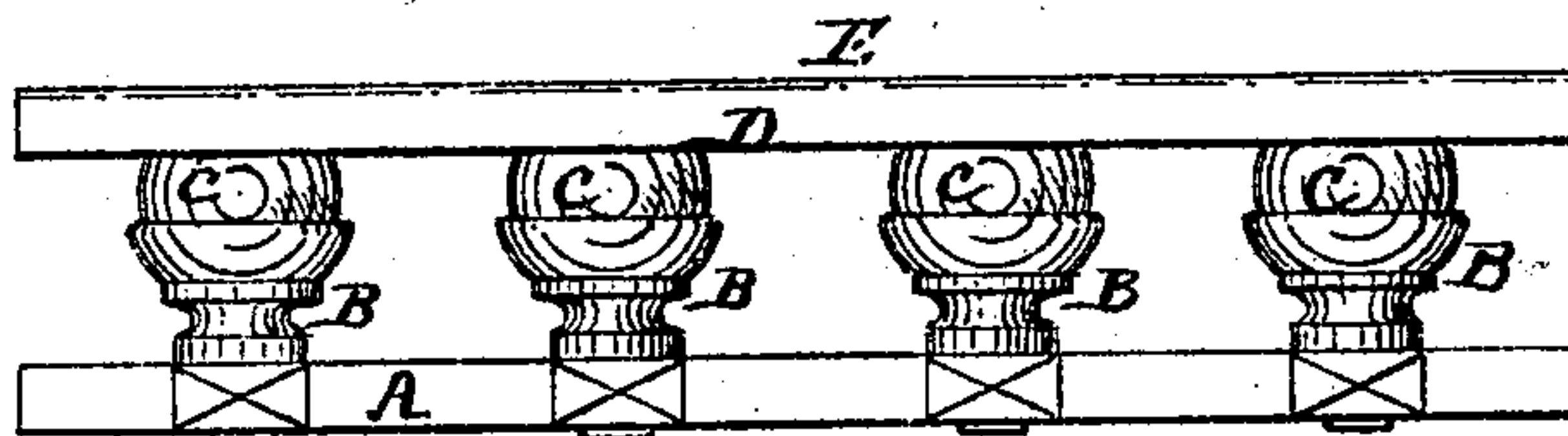


Fig. 3



Witnesses:

P. Roberts
L. P. Thomas

Inventor:

Samuel M. Guest
by Thos. S. Peay
at

UNITED STATES PATENT OFFICE.

SAMUEL M. GUEST, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF HIS RIGHT TO WILLIAM A. LE ROW, OF SAME PLACE.

IMPROVEMENT IN SPRING BED-BOTTOMS.

Specification forming part of Letters Patent No. 124,436, dated March 12, 1872.

SPECIFICATION.

To whom it may concern:

Be it known that I, SAMUEL M. GUEST, of Chicago, in the county of Cook and State of Illinois, have invented certain Improvements in Spring-Beds; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, which, together with the letters and figures of reference marked thereon, forms part of this specification, and in which—

Figure 1 represents a top or plan view of my invention; Fig. 2, a section on the line *xx* of Fig. 1; and Fig. 3, an end view of Fig. 1.

Like letters of reference made use of in the several figures indicate like parts.

Nature of the Invention.

This invention relates to a bed-bottom, the elasticity of which depends on the use of elastic air-cushions acting independently of each other, distributed at regular intervals, contained in or upon cup-shaped standards for retaining them in position, and supporting a superincumbent elastic web of woven wood splints, upon the smooth surface of which may be placed the bedding.

To enable those skilled in the art to make and use my invention, I will proceed to describe the same with particularity, making use in so doing of the aforesaid drawing.

General Description.

In the drawing, A is the foundation frame-work, upon which the superstructure of cushions, &c., rests. B are upright standards, formed with a shank or pin at the bottom to enter a hole in the wood of the frame-work, and having cavities at the top to receive and retain the hollow elastic cushions. C are the elastic cushions, which may be of any shape found desirable, being always inflated and sealed. These cushions

rest in or upon the standards B, arranged to receive and retain them. Any number of these cushions may be employed, being arranged throughout the whole extent of the bed at proper intervals in such manner as may be found desirable, so that the whole surface of the bed shall be equally elastic, and duly supported. D is a light, wooden, rectangular frame-work, supporting a web, E, of cedar splints; other wood may, of course, be used; but I prefer to employ an odorous wood like cedar, on account of its being obnoxious to vermin. This web is woven in the manner of a basket web, and is exceedingly light, being easily lifted and moved from the springs, and is, moreover, in itself highly elastic. This web of wood splints rests directly upon the cushions, offering a smooth surface for the bedding.

I am aware that inflated pillows and mattresses of India rubber or similar material are old and well known in the art; and I am also aware that the seats of chairs, sofas, settees, &c., have long been covered with a basket web of wood splints; such, however, is not my invention.

Claims.

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

1. The independent hollow cushions C, arranged to form an elastic surface, substantially as specified.
2. The combination of the frame-work A, standards B with their cup-shaped heads, cushions C, and web E, substantially as specified.
3. The elastic web D of woven wood splints, in combination with the springs of a bed-bottom, substantially as specified.

SAMUEL M. GUEST.

Witnesses:

J. W. MUNDAY,
P. ROBERTS.