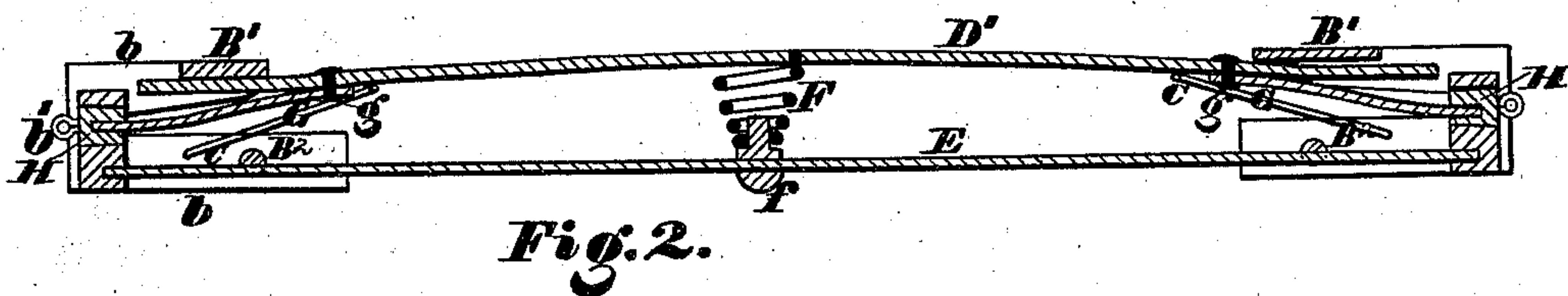
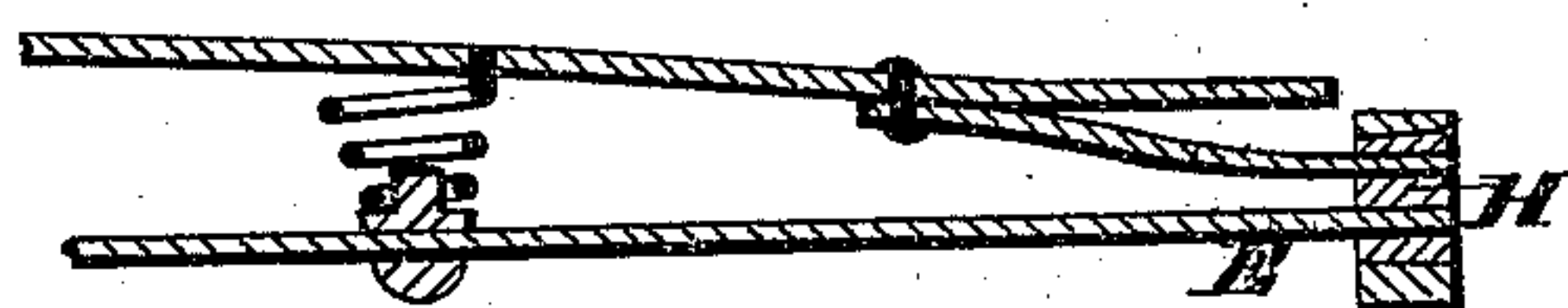
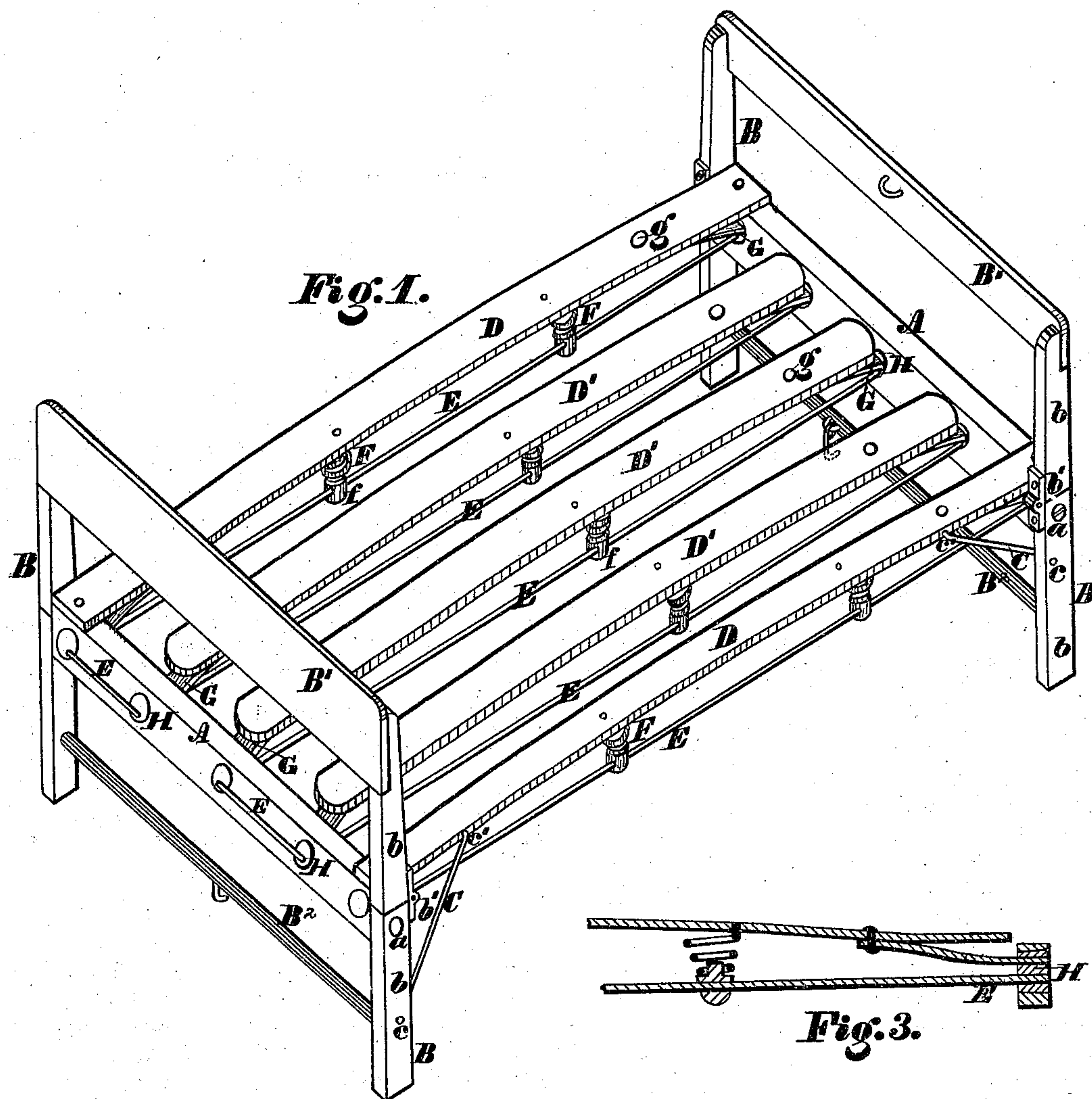


C. A. CONDÉ.  
FOLDING SPRING-BED.

No. 173,589.

Patented Feb. 15, 1876.



Witnesses  
Saml. J. Van Stavors.  
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# UNITED STATES PATENT OFFICE.

CHARLES A. CONDÉ, OF PHILADELPHIA, PENNSYLVANIA.

## IMPROVEMENT IN FOLDING SPRING-BEDS.

Specification forming part of Letters Patent No. **173,589**, dated February 15, 1876; application filed November 27, 1875.

*To all whom it may concern:*

Be it known that I, CHARLES A. CONDÉ, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Folding-Beds and Spring Bed-Bottoms; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification, in which—

Figure 1 is a perspective. Fig. 2 is a longitudinal vertical section of the bedstead when folded. Fig. 3 is a broken section of the bed-bottom, showing the truss-rod passing through the plugs in the end rails of the bedstead.

My improvements consist in the novel construction and combination of parts, as herein-after more fully set forth.

Referring to the accompanying drawing, A A designate the end rails of a bed or end pieces of a spring-bottom. B B are posts formed each in two sections, *b b*, hinged together at *b'*, and pivoted to the ends A A at *a*. This construction permits the folding of the posts B B and their connecting-bars B<sup>1</sup> B<sup>2</sup> upon and under the slats, as shown in Fig. 2. C C are brace-rods, pivoted at *c* to the posts B, and formed with hooked ends *c'*, which enter corresponding openings in the side slats D D. When the posts are folded, as shown, the said braces rest between them and the slats in the out-of-the-way position indicated. The outside slats D D are pinned or riveted to the ends A A, the intermediate slats D' not being of length sufficient to reach from end to end of the bed or frame. All of the slats are made of some suitable springy wood. E E, &c., are metallic truss-rods extending between the end pieces, as shown, and fastened therein. These trusses sustain elastic coiled springs F, passing through wooden nubs, *f f*, inserted in the ends of said springs, the upper ends of said springs being inserted in the slats D, D', &c. One or more of these coiled springs may be placed beneath each slat. G G represent

flat metal springs firmly fastened by rivets or equivalent means to the slats D D', &c., at *g g*, &c. The opposite extremities of these springs are inserted in plugs H driven into suitable openings in the ends A A, the springs being first placed in the plugs before the latter are driven.

By simply dispensing with the posts B B a very effective spring-bottom will be obtained.

The above-described construction produces a very compact, strong, simple, and elastic folding bed, or a very perfect and effective spring-bottom. The legs, when standing, are firmly and effectually braced; when folded they occupy but a small space, and so may be easily packed and transported. The described system of springs and trusses produces both firmness and elasticity, rendering the bed both comfortable and lasting.

What I claim as my invention is—

1. In a folding spring-bed, the posts B B formed in two sections, hinged at *b'*, and pivoted at *a*, so as to fold upon and under the slats, substantially as shown and described.

2. The trusses E E, fastened to the end rails or pieces A, and supporting spiral springs F, on which rest slats D and D', the slats D being fastened also to the ends A A, while the slats D' do not extend from end to end.

3. The combination, with the wooden nubs *f*, of the metallic trusses E E, the latter passing through the former, as shown and described.

4. In combination with the ends A A and slats D or D', the flat springs G G firmly fastened at both extremities to said ends and slats, as shown and described.

5. The described construction and combination, with the ends A and springs G, of the plugs H for fastening the latter to or in the former, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 17th day of November, 1875.

CHARLES A. CONDÉ.

Witnesses:

GEO. C. SHELMEKDINE,  
M. DANL. CONNOLLY.