

(No Model.)

C. W. PRATT.

PLATE AND SPIRAL SPRING FOR BEDS.

No. 249,090.

Patented Nov. 1, 1881.

Fig. 1.

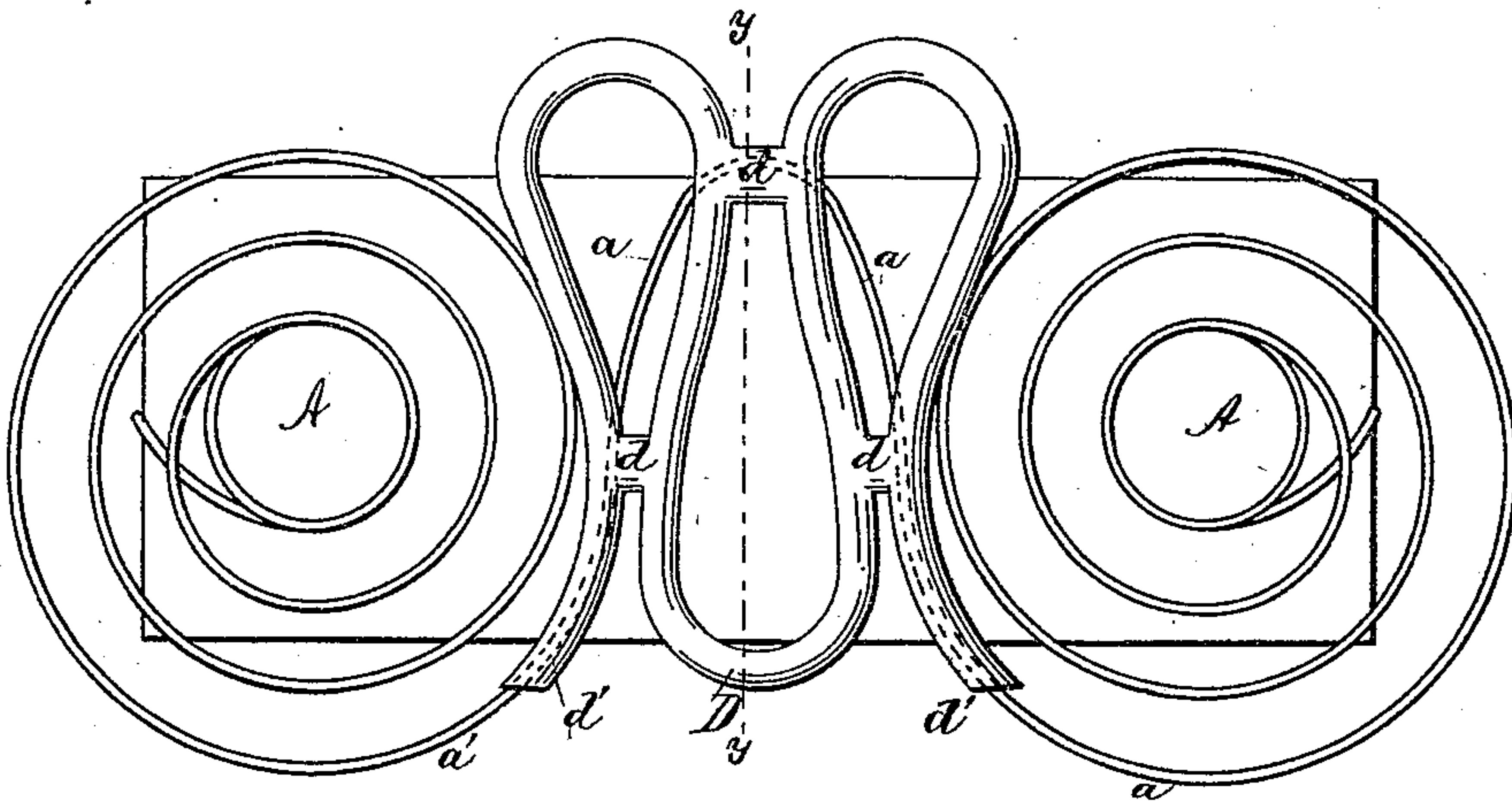


Fig. 2.

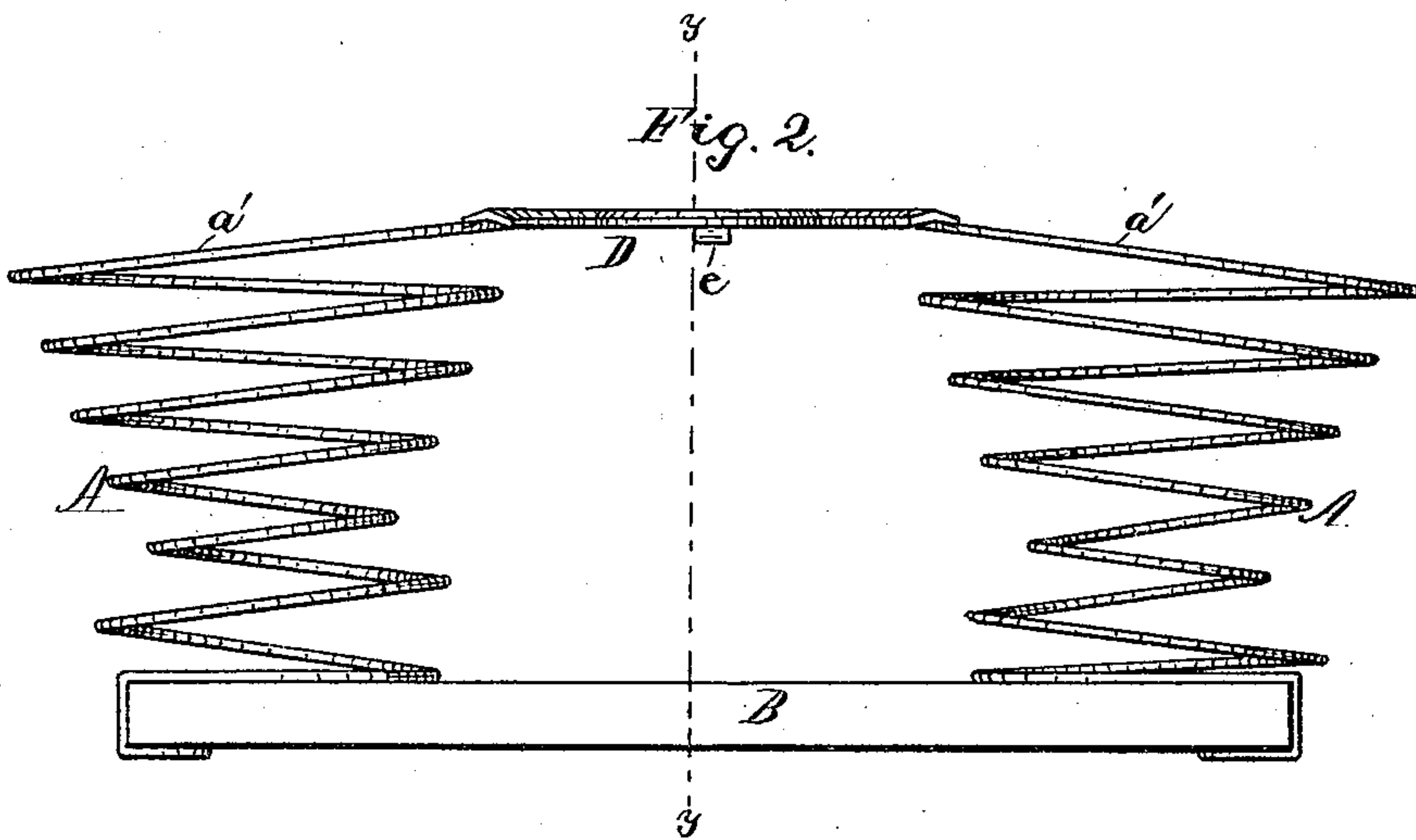
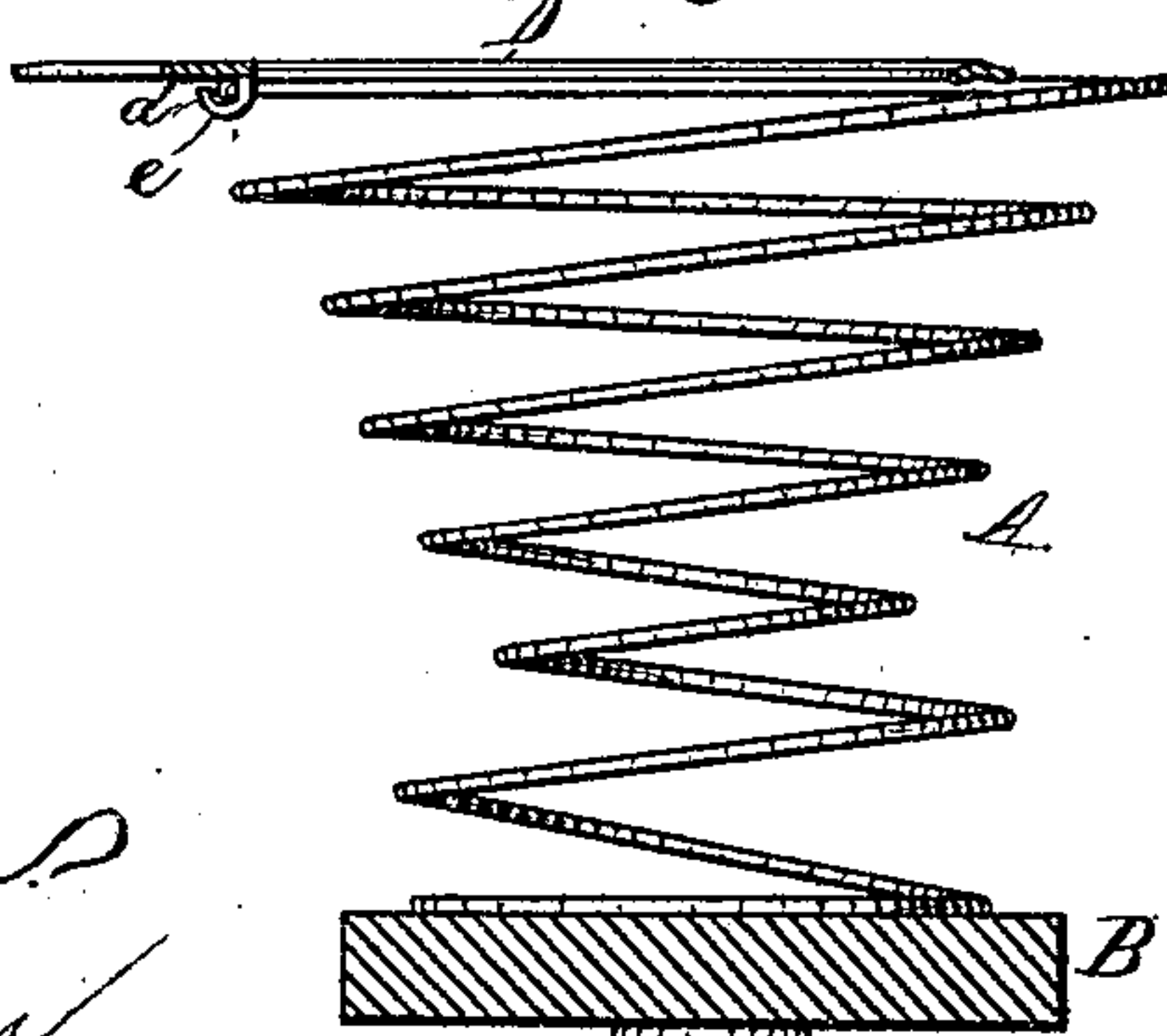


Fig. 3.



Witnesses:

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PLATE AND SPIRAL SPRING FOR BEDS.

SPECIFICATION forming part of Letters Patent No. 249,090, dated November 1, 1881.

Application filed June 30, 1881. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. PRATT, a citizen of the United States of America, residing at Howard City, in the county of Mont-
5 calm and State of Michigan, have invented certain new and useful Improvements in Plates and Spiral Springs for Beds; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will
10 enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

15 My invention relates to an improvement in spiral springs and plates; and its object is to provide a spring for beds and sofas that will secure uniformity of pressure, will be held firmly in place, and without tendency to spread.

20 In the drawings, Figure 1 is a top view; Fig. 2, a side view; and Fig. 3, a vertical sectional elevation of Fig. 2, taken on the line *yy*.

25 A A are two spiral springs, constructed in the ordinary manner, secured to the bed-plate B, and connected at the top by the curved wire *a*, as shown.

30 D is the plate. It is made in the form of a double hook, connected and strengthened by the braces *d*. It is placed upon the top of and between the springs A A and fastened in any secure manner by hooks, as shown at *e*, Fig. 3. It is made slightly concave to secure firmer attachment to the wires *a'*. In placing the

plate upon the springs the ends *d'* will conform to the curvature of the upper and outer wires, 35 *a'*, of the spiral springs, the lower end resting upon and secured to the brace *d*, as shown.

By the use of the plate D the springs A A are held firmly together, and a less number of them may be used without causing inconven- 40 ience to the person. By its use, also, a larger and more continuous spring-surface is presented for pressure by the mattress.

When in use upon a bed or sofa the springs may be fastened or connected in complets by 45 means of connecting wires or braces, in a manner well known to artisans, and thus may be secured a perfect spring-bed entirely free from the irregularities common to beds of ordinary construction. 50

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The double-hook-shaped plate D, provided with braces *d*, and placed upon the springs A A, substantially as and for the pur- 55 poses herein set forth.

2. In a spiral bed or sofa spring, the combination of the plate D with the springs A A, arranged and operating as described.

In testimony whereof I affix my signature in 60 presence of two witnesses.

CHARLES W. PRATT.

Witnesses:

N. W. MATHER,
JOHN D. MORTON.