

(No Model.)

W. T. TOWNES.
Bed Spring.

No. 239,575.

Patented March 29, 1881.

Fig. 1.

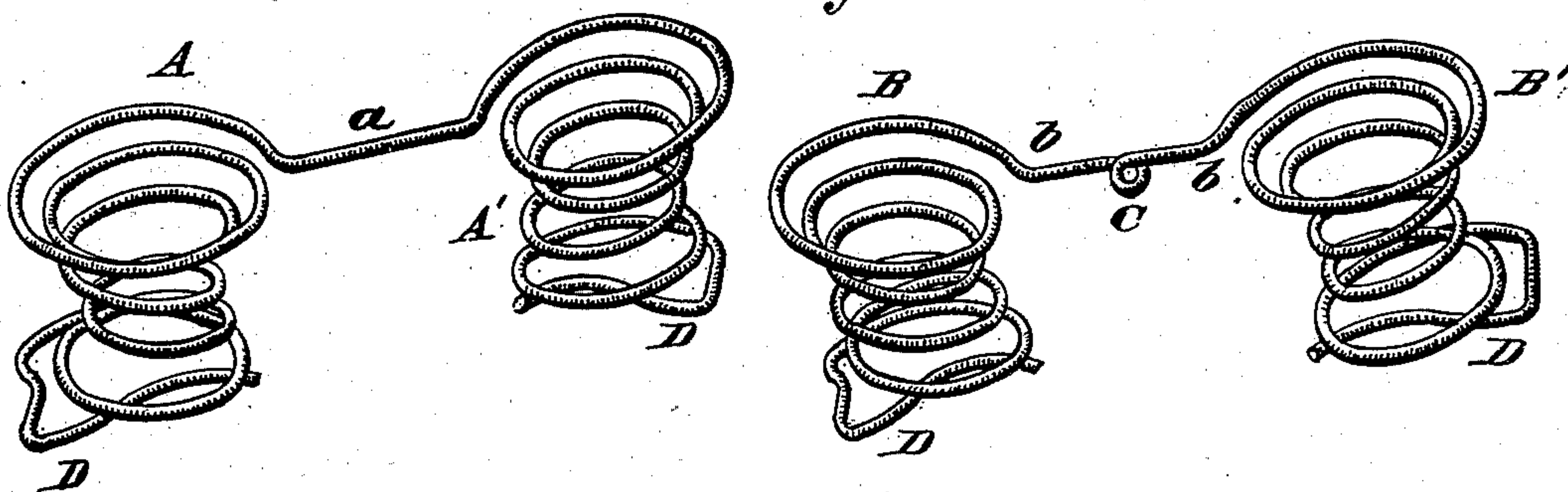


Fig. 2.

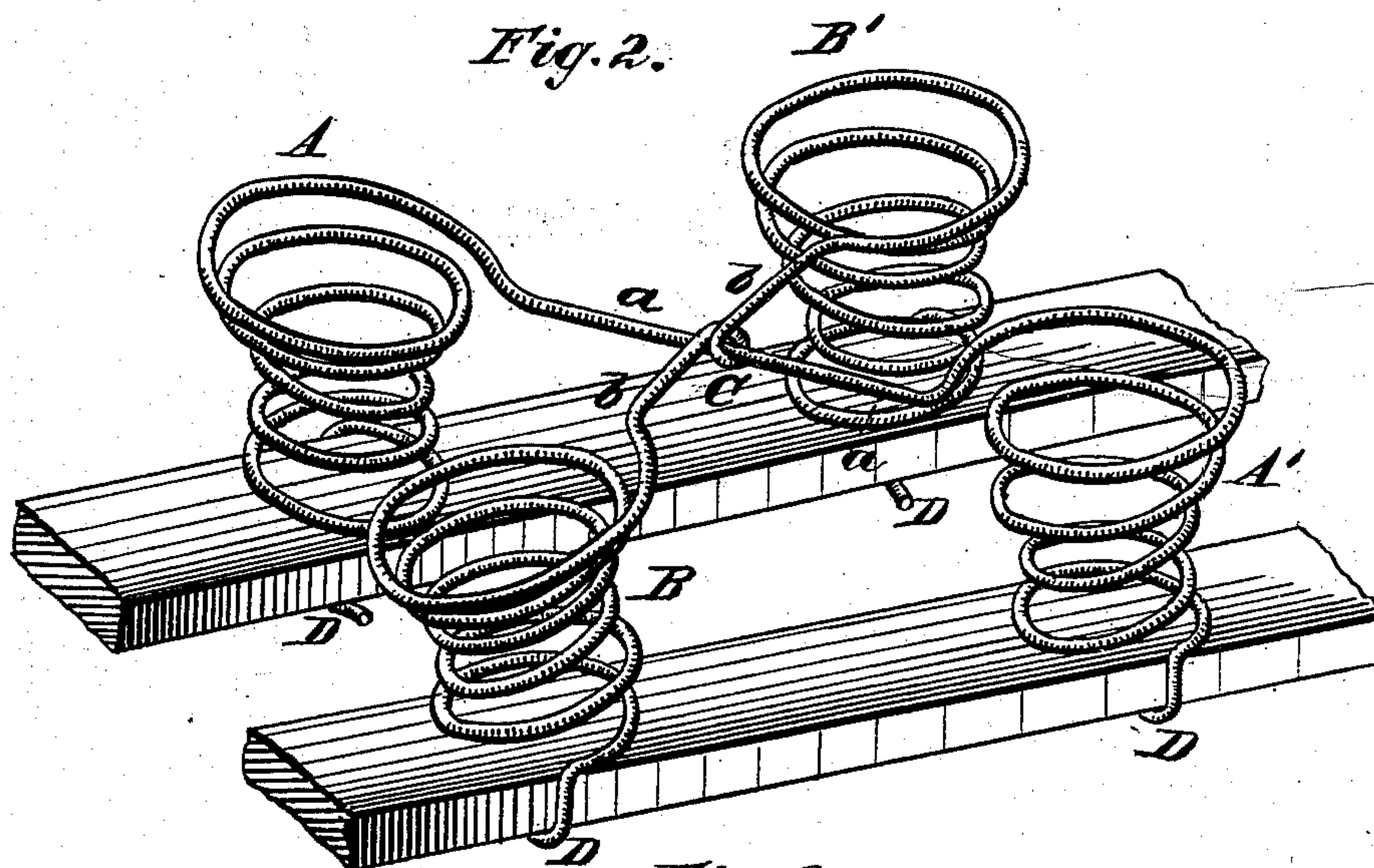
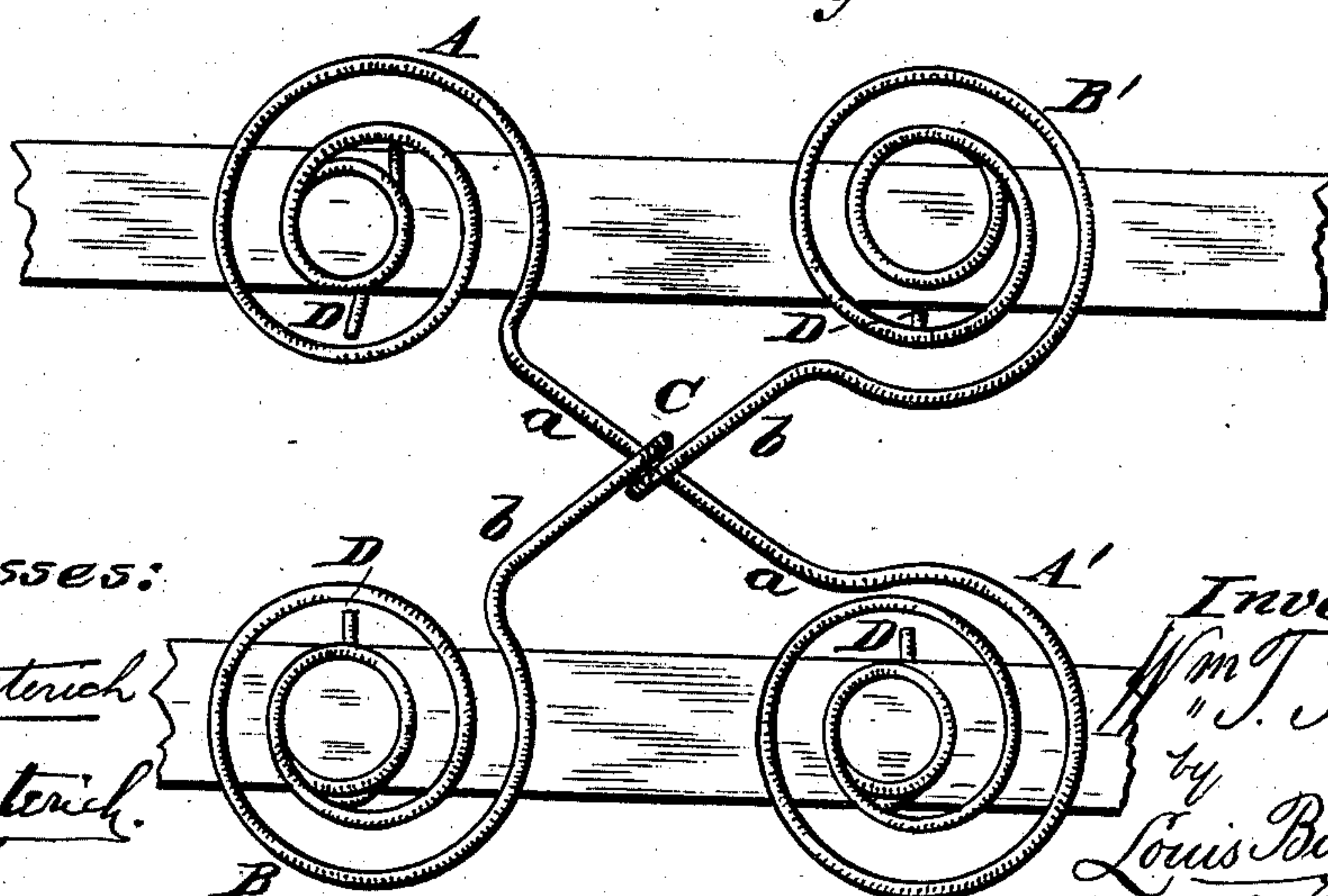


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

WILLIAM T. TOWNES, OF RICHMOND, VIRGINIA.

BED-SPRING.

SPECIFICATION forming part of Letters Patent No. 239,575, dated March 29, 1881.

Application filed February 16, 1881. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM T. TOWNES, of Richmond, in the county of Henrico and State of Virginia, have invented certain new and useful Improvements in Bed-Springs; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of the two twin springs which together constitute my improved compound bed-spring detached. Fig. 2 is a similar view of the complete spring, and Fig. 3 is a plan or top view of the same.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to coiled springs; and it consists in the combination of a pair of double springs in such manner as to form a group of four springs, which are connected detachably by a loop or eye formed upon the connecting-wire of one of the pair of springs and sprung upon the connecting-wire of the other pair, as hereinafter more fully set forth, and particularly pointed out in the claim.

In the accompanying drawings, A A' denote the two springs of one pair, and B B' those of the other pair. The spring-wire is continued across from one spring to the other, as shown at *a* and *b*, respectively, forming a straight connecting-piece, which, if continued across the respective springs, would pass through the center of the upper coil or round of each spring, as clearly shown in the drawings. The connecting-piece *b* of the pair B B'

is twisted to form a loop or eye, C. To form the group or set of springs the connecting-wire *a* of the other pair, A A', is slipped into this loop sidewise, and by then twisting the springs so as to bring the parts *a b* at right angles to each other they will be interlocked, as shown in Figs. 2 and 3, the connecting-wire *a* passing through loop C.

I prefer to make each of the individual springs with a spring-key, D, at its lower end, by means of which it may be sprung upon the slats in a simple and well-understood way; but other fastening devices may be employed, if desired, the choice of fastening depending in a measure upon the purposes for which the springs are to be used. In this manner a group of four springs is formed, which mutually support each other, the two pairs which constitute each group being readily connected or disconnected at will.

I claim as my invention, and desire to secure by Letters Patent of the United States—

The combination of one pair of coiled springs, A A', connected by the straight wire *a*, and another pair, B B', connected by the wire *b*, having loop C, the several springs A A' B B' being interlocked and provided with keys D or equivalent fastening devices, substantially as and for the purpose herein shown and specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM T. TOWNES.

Witnesses:

H. G. H. BAMS,
E. PLEASANTS.