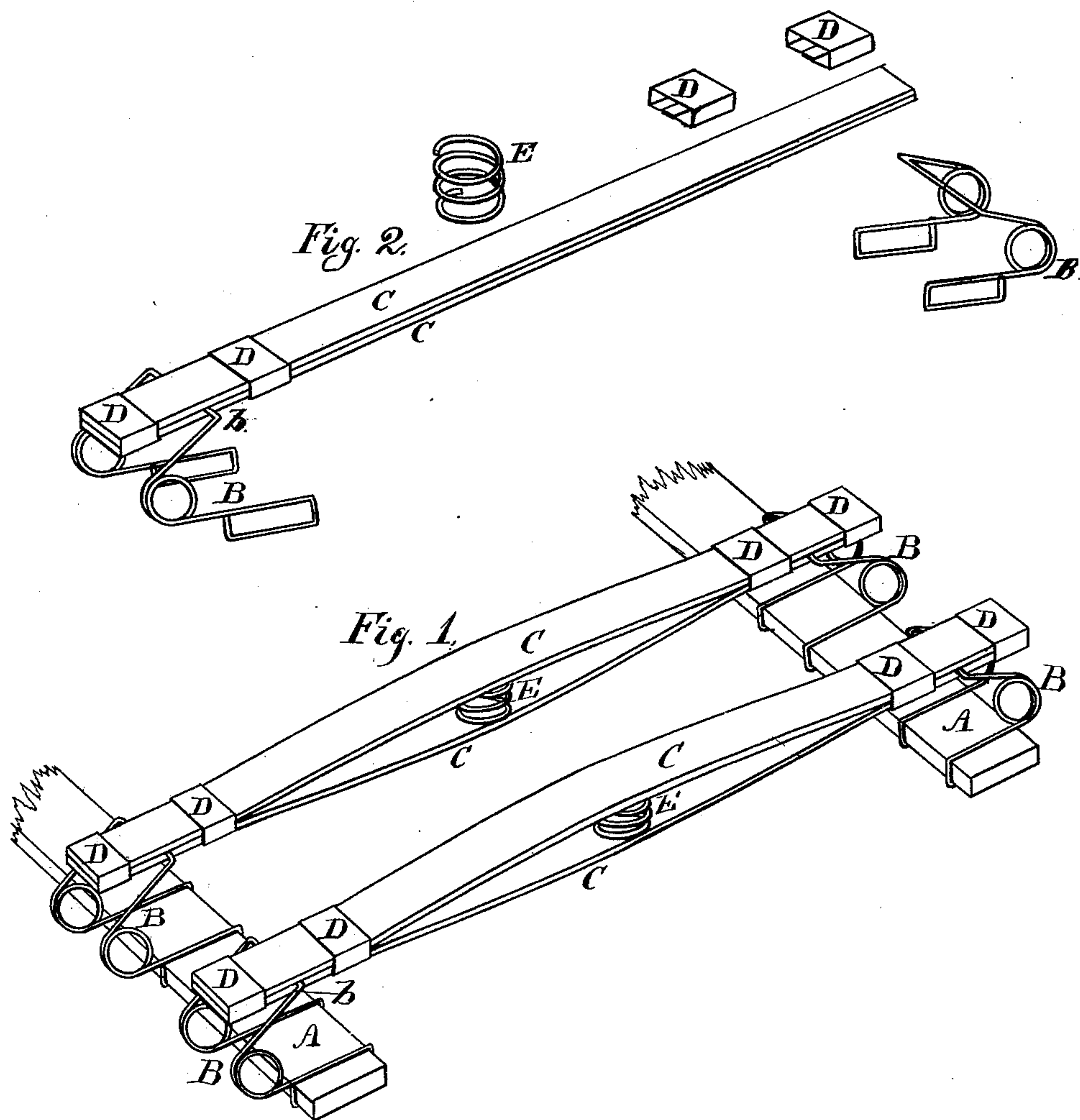


J. O. BURCH.
 SPRING BED-BOTTOM.

No. 187,961.

Patented March 6, 1877.



Witnesses

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JOHN O. BURCH, OF CLEVELAND, OHIO.

IMPROVEMENT IN SPRING BED-BOTTOMS.

Specification forming part of Letters Patent No. **187,961**, dated March 6, 1877; application filed January 8, 1877.

To all whom it may concern:

Be it known that I, JOHN O. BURCH, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented a new and Improved Spring Bed-Bottom, of which the following is a specification:

Figure 1 is a perspective view of my invention. Fig. 2 is a detached view of one of the spring-slats, having some of the ferrules removed.

The object of my invention is to furnish an easy and comfortable lying spring bed-bottom, having no nails or screws in its construction, but which is so constructed that all its parts may be readily separated and put together again at pleasure, for the purpose of cleaning or repairs.

A A are two of the ordinary cross-bars of a bedstead, which I use to support my springs. B B are bent wire springs having two loops, which slide upon the bars. A A are made of one piece of wire, as seen at B, detached in Fig. 2. C C are two thin slats of wood, and are attached in pairs at their ends to the springs B B, by clasping between them the cross-piece of the said springs B, as seen at b, Figs. 1 and 2, the slats C C being secured together by ferrules D D. The slats C C are

spread apart at the middle by a small spiral spring, E, which makes the slats into a truss, the object and result of which is that elasticity is imparted to the full length of the slats, without the tendency or liability to sagging at the middle.

It will be observed that no nails or screws are employed in putting the slats or parts together, but that the ferrules hold them securely, and that by this means the parts may be readily and easily put together or taken apart for cleaning or repairs, and also renders them easily packed in a small compass for shipment. They are also easily adapted to the ordinary bedstead.

Having described my invention, I claim—

1. The springs B, formed from one piece of wire, and having the loops for attaching them to the cross-bars A A, as shown and described.

2. The bars A A, springs B B, the slats C C, ferrules D D, and the springs E, combined and arranged as shown, and for the purpose specified.

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Witnesses:

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