

E. CARTER.
Spring Bed-Bottoms.

No. 148,284.

Patented March 10, 1874.

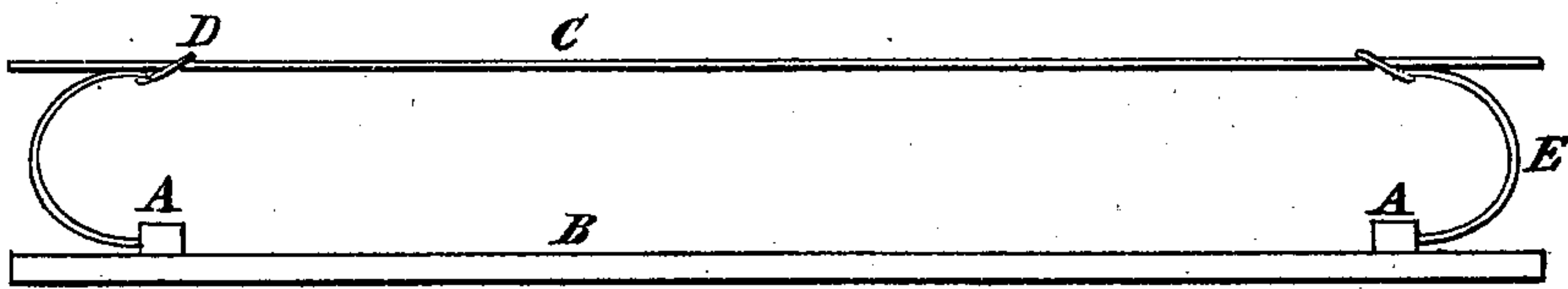


Fig. 1.

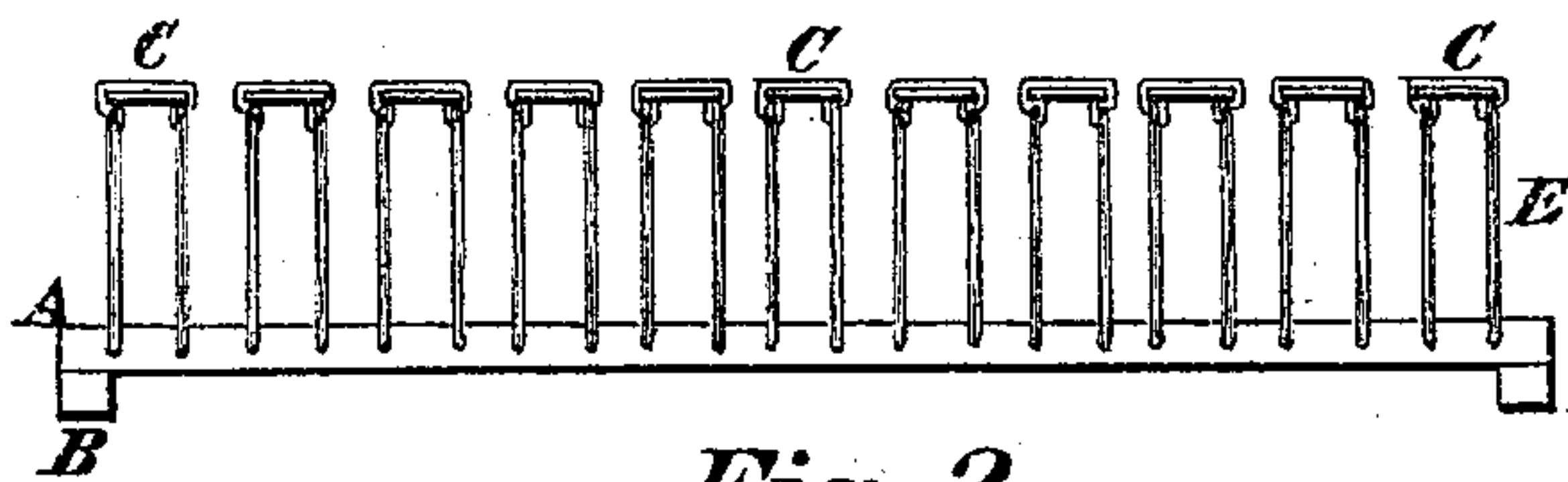


Fig. 2.

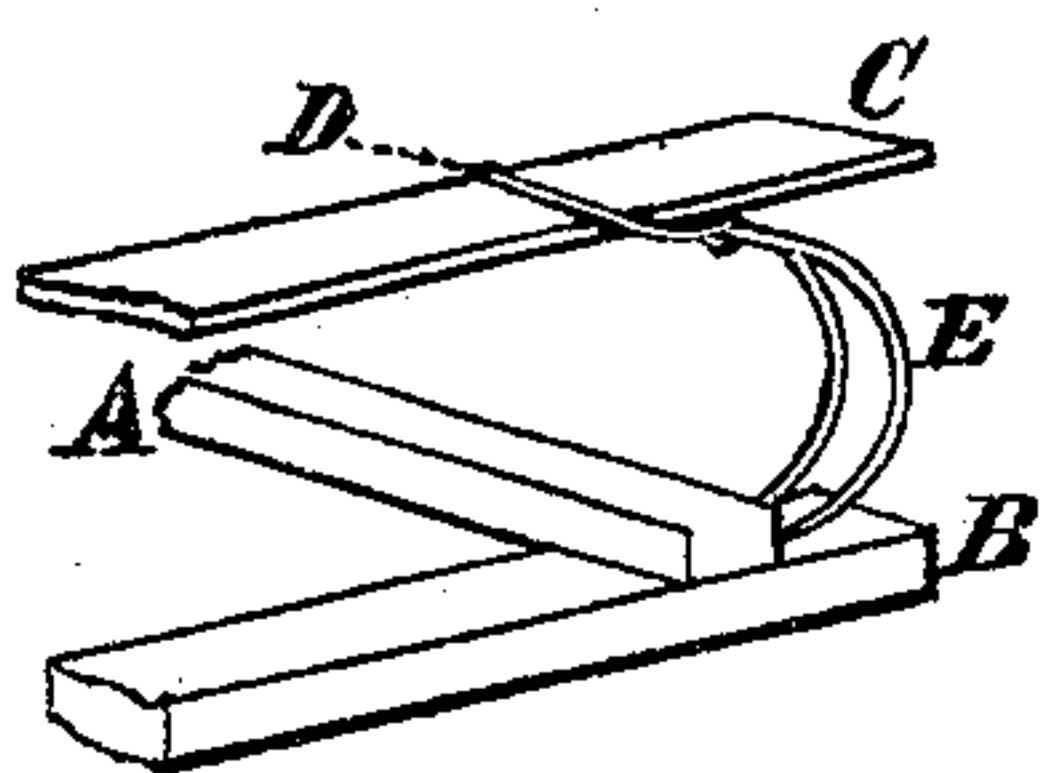


Fig. 3.

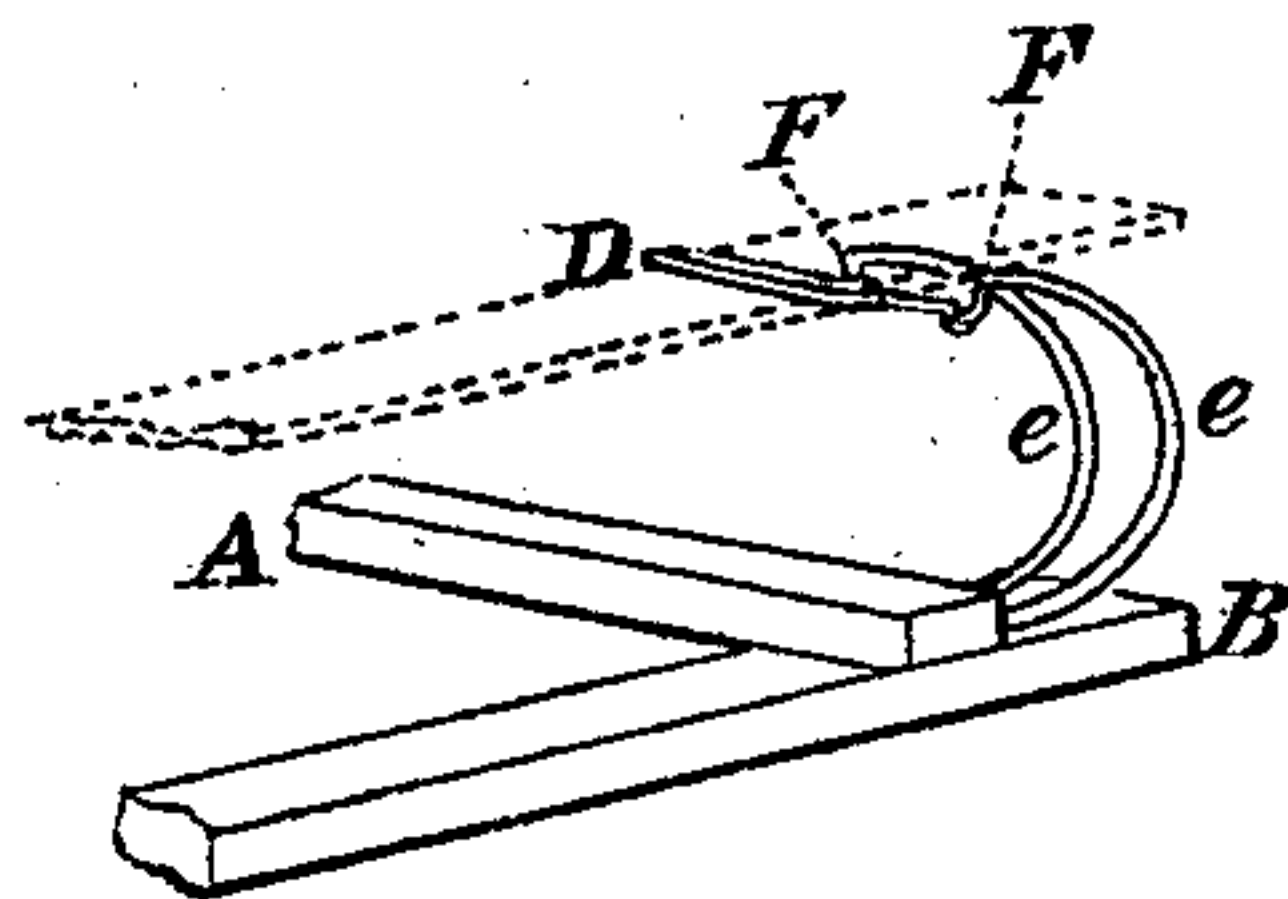


Fig. 4.

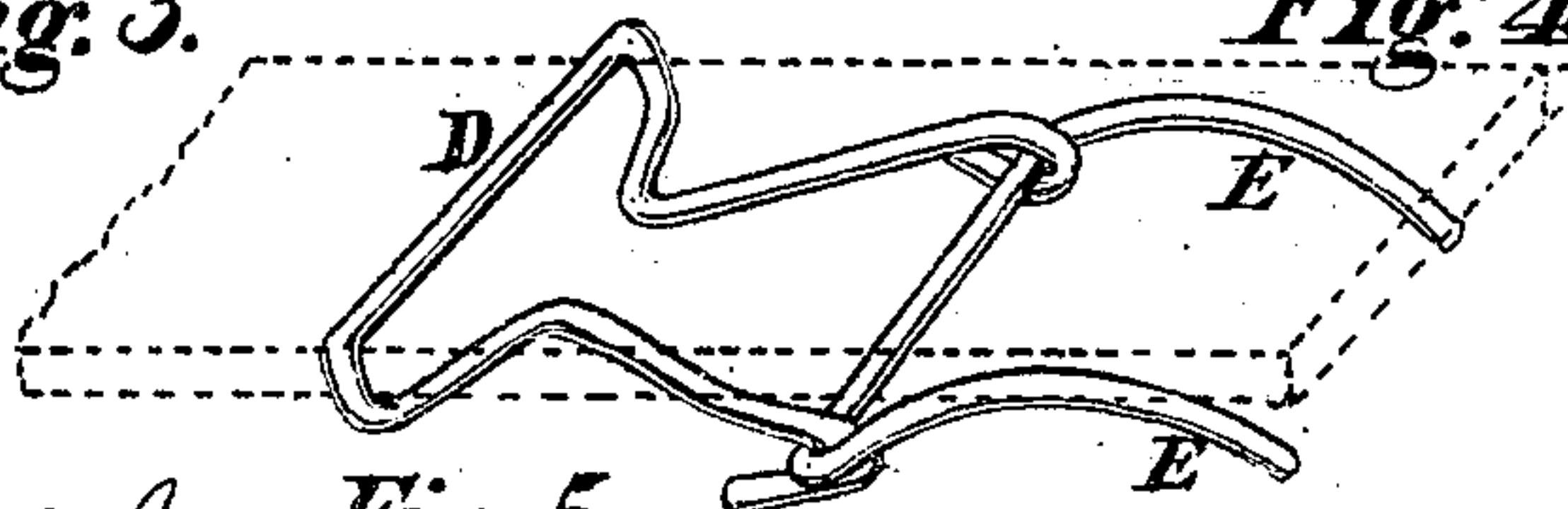


Fig. 5.

Witnesses.

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UNITED STATES PATENT OFFICE.

EDWARD CARTER, OF ALBANY, NEW YORK.

IMPROVEMENT IN SPRING BED-BOTTOMS.

Specification forming part of Letters Patent No. **148,284**, dated March 10, 1874; application filed November 3, 1873.

To all whom it may concern:

Be it known that I, EDWARD CARTER, of the city and county of Albany, State of New York, have invented an Improved Bed-Bottom; and I do hereby declare that the following is a description thereof, reference being had to the accompanying drawings forming a part of this specification, in which—

Figure 1 represents a side view of the bed-bottom embodying the improvements in this invention. Fig. 2 is an end view of the same. Fig. 3 is a perspective view of the same. Fig. 4 is a perspective view of the spring with shoulder for the slat to rest in. Fig. 5 is a view, showing shape and form of catch.

My invention relates to that class of bed-bottoms constructed of slats, supported by vertical or upright springs made from a continuous piece of wire, forming two right angles at the top end and two vertical parallel curves, with the ends pointed inward, said slats being firmly secured to the springs by a catch made from a continuous piece of wire, in the form as seen in Fig. 5, without coils, bolts, or springs, with a bent shoulder underneath, which holds the slat firmly in its place, and upon which the slat rides or rests, and not allowing the slat to come in contact with the spring. The end or vertical springs are secured to the cross-bar by simply inserting the ends in holes bored therein, and may be fastened or not on the outside of the cross-bar.

To enable others skilled in the art to make

and use my invention, I will proceed to describe it in reference to the drawings and letters of reference marked thereon, the same letters indicating like parts.

In the drawings, A A represent the cross-bar, and B B long rails, holding said bars in their proper place, and, together, they form a frame about the length and breadth of a bedstead. Said frame has its support from the slats, pins, or cords of the bedstead proper. The said cross-bars are about two inches square, and the long rails are about one and one-half inch square. C C are the slats, running in a longitudinal direction, and secured at about six inches from their ends by passing through the catch D, which catch is secured to the vertical spring E by bending the ends of the said catch D around the center or cross part of said spring E at its angles. The said slats are made of a length about equal to the length of a bedstead, and about two and one-half inches in width, more or less, and about one-half an inch in thickness, more or less.

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

The combination of the slat C, spring E, and catch D, constructed and arranged substantially as described, and for the purpose set forth.

EDWARD CARTER.

Witnesses:

G. D. VAN VLIET,
D. R. NEVIN.