(No Model.)

W. CHILDERS & M. M. EBERLY.

BED SPRING.

No. 258,018. Patented May 16, 1882.

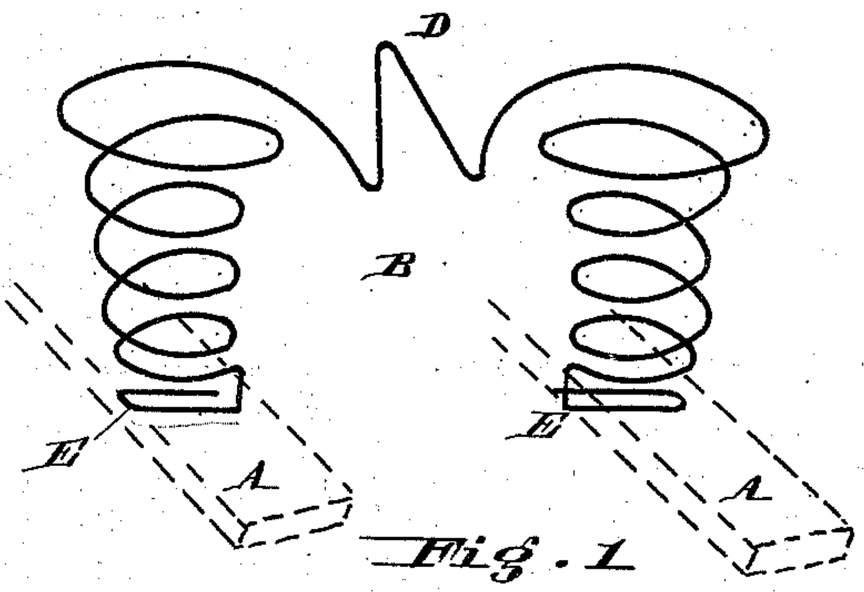

Fig. 1

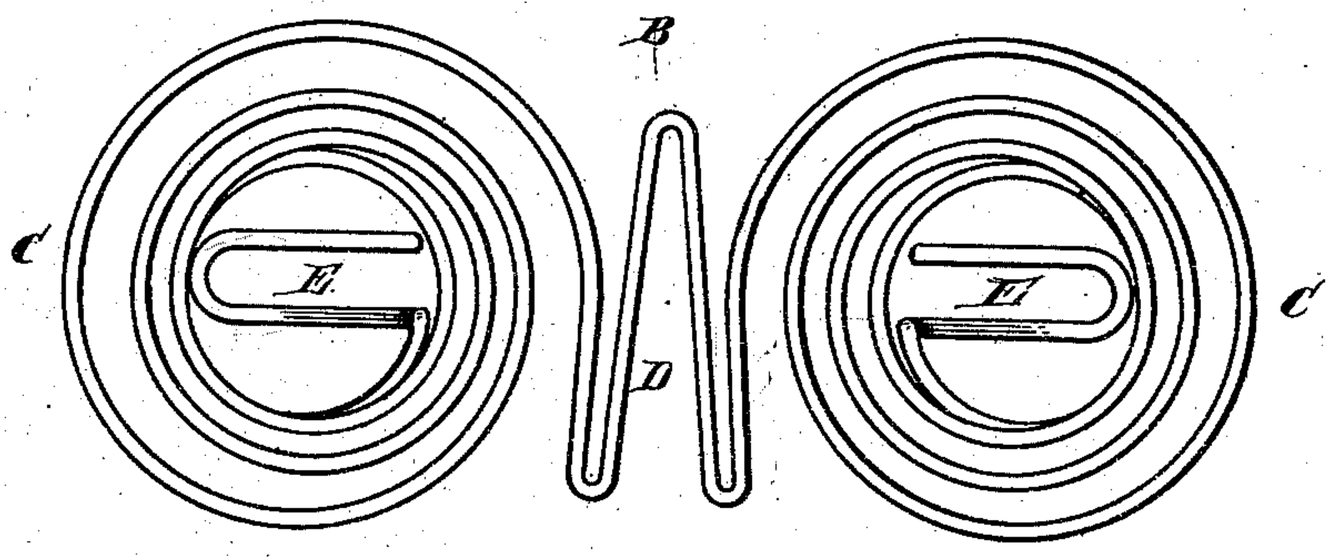

Fig. 2

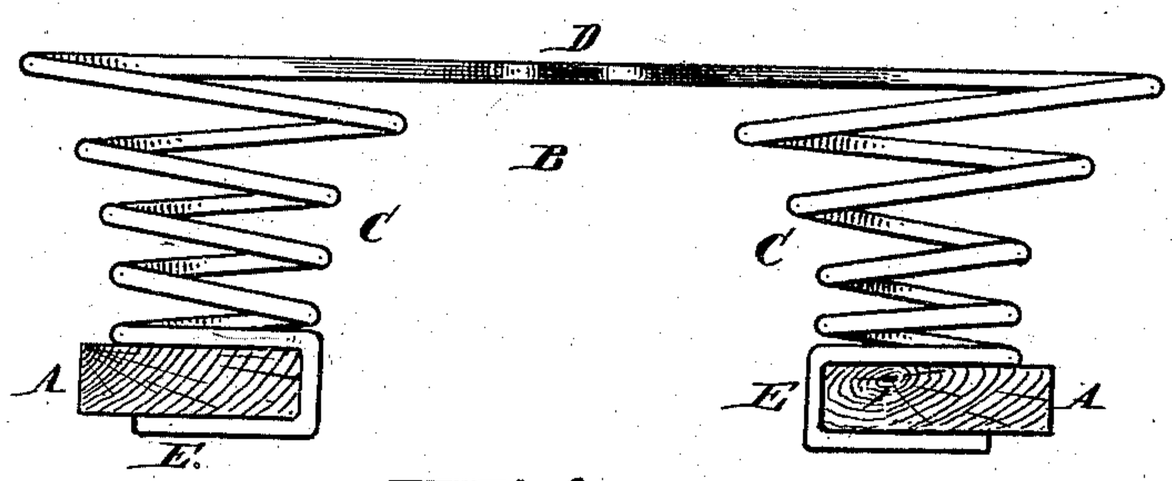

Fig. 3

Attests

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UNITED STATES PATENT OFFICE.

WILLIAM CHILDERS AND MARTIN M. EBERLY, OF PHILADELPHIA, PA.

BED-SPRING.

SPECIFICATION forming part of Letters Patent No. 258,018, dated May 16, 1882.

Application filed March 16, 1882. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM CHILDERS and MARTIN M. EBERLY, both of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and useful Improvement in Bed-Springs, of which the following is a specification.

Our invention has reference to an improvement in double metallic bed-springs, such as are used in forming bed-bottoms upon which the mattress is adapted to rest; and it consists of a double spiral spring made of one piece of wire, the two spirals of which are connected together by a W-shaped bridge or top piece, and provided with double reverse-shaped hooks at the bottom to support the spring upon the slats and secure it thereto from the inner sides of two adjacent slats.

The object of our invention is to provide a bed-spring which can be easily adjusted to the slats on the beds where they are either close together or wide apart, and yet prevent all tendency of the spring to tip or fall over, thus making a bed-bottom of an even, smooth surface and of uniform strength and elasticity. Further, to provide a double bed-spring with an adjusting-bridge or top piece by which the spirals may be separated from each other or drawn closer together without changing to any extent their contact with the slats, and thereby prevent the supporting-hook from becoming twisted around and free of said slats. Further, to provide the spirals with double reversed hooks which are adapted to clamp the slats from the inside, so that when the spring is put under tension the hooks hold more securely.

In the drawings, Figure 1 is a perspective view of our double bed-spring to be used in forming bed-bottoms. Fig. 2 is a plan of same, and Fig. 3 is an elevation of same as applied to two slats.

A are the slats of a bed, and B the double supporting-spring, which is made of one piece of wire, having the two spirals C joined together by a W-shaped connecting-bridge, D, at the top, and provided at the bottom with double reversed hooks E, which pass over and under the inside or adjacent edges of the slats A and hold them together, preventing them from moving or tipping over. The connecting-bridge or top part D of the spring retains each coil firmly in position upon the slats of the bed by pushing in opposite directions, thus binding or clamping with the double reversed hooks E upon said slats.

By referring to the connecting W-shaped bridge or top piece D it will be seen to be double adjusting, and the springs can be either lengthened or shortened—the spirals separated more or brought closer together—to suit wide or narrow spaces between the slats on large or small beds without throwing out or changing the position of the double reversed hook E, thereby leaving it always horizontal and at right angles or square across the slats on the bed.

A single spiral spring having its lower coil extended to form a double reversed hook to pass under one side of the slat of a bed is not new, and is not broadly claimed herein.

Having now described our invention, what we claim as new, and desire to secure by Letters Patent, is—

A double metallic bed-spring, which consists of two spirals or springs connected together at their tops by a double-adjusting bridge made W shape to allow the spring to be adjusted without turning the spirals, and provided on the bottom of the spirals with double reversed hooks, as shown, their closed ends being toward each other, and the whole spring being made of one piece of wire, as set forth.

In testimony of which invention we hereunto set our hands.

WILLIAM CHILDERS.
M. M. EBERLY.

Witnesses:
C. A. DOUGHERTY,
W. W. DOUGHERTY.