E. C. BARMORE.
Bed-Spring.

No. 198,833. Patented Jan. 1, 1878.

Fig. 1

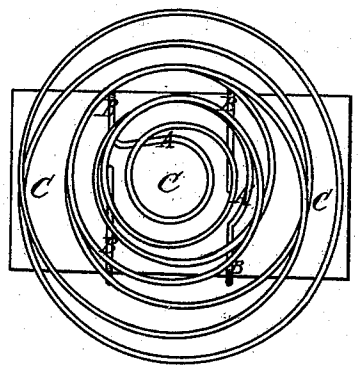
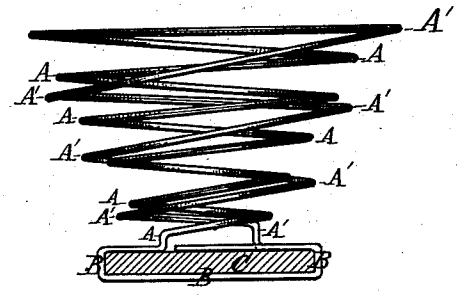


Fig. 2



Witnesses
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UNITED STATES PATENT OFFICE.

EDWIN C. BARMORE, OF NEW BUFFALO, MICHIGAN.

IMPROVEMENT IN BED-SPRINGS.

Specification forming part of Letters Patent No. **198,833**, dated January 1, 1878; application filed September 17, 1877.

To all whom it may concern:

Be it known that I, EDWIN C. BARMORE, of New Buffalo, in the county of Berrien and State of Michigan, have invented new and useful Improvements in Coiled Springs; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a general plan or top view of a coiled spring embodying my invention; and Fig. 2 represents a cross-section of a bed-slat and elevation of the spring, showing the manner of attaching the spring to the slat.

Like letters of reference indicate like parts.

My invention relates to that class of coiled springs used in the construction of bed-bottoms, upholstering of any kind, or mechanical purposes; and consists in a double coiled spring, formed of a single piece of iron, steel, or other suitable wire, and so coiled that one coil will be within the other.

In the drawing, A and A′ represent a double coiled spring, formed of a single piece of iron, steel, or other suitable wire, and each end of which is so bent as to form a loop, B, and so as to encircle and be held in proper position upon the slat C, as shown. The part A of the spring is bent at its end to form the loop B, as shown, and is then coiled in the usual manner; and the part A′, in continuation of the part A, is then formed or coiled outside of the part A, and its end is also bent to form the loop B, as shown.

By this construction I am enabled to furnish to the trade a coiled spring for bed-bottoms which may be adjusted to the slats of any ordinary bedstead, and which is stronger, more durable, and of greater elasticity than those in common use.

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

1. The double spring herein described, consisting of the coils A A′, formed of a single piece of wire, and arranged one within the other, as shown.

2. The double spring herein described, consisting of the coils A A′, formed of a single piece of wire, and arranged one within the other, and having each end formed into a loop, substantially as shown and described.

EDWIN C. BARMORE.

Witnesses:

GEO. H. RICHARDS,

CHARLES E. TERRIERE.