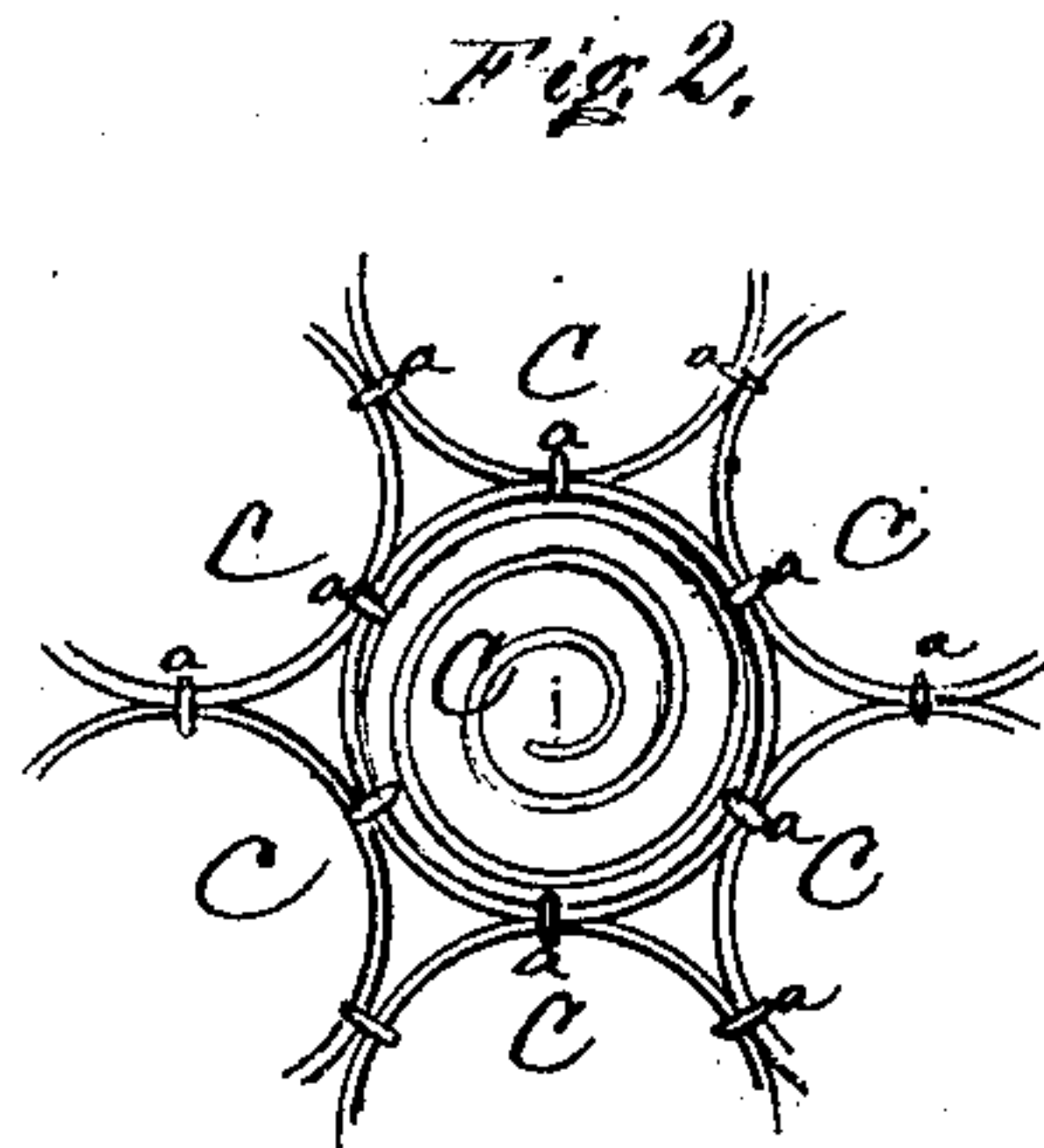
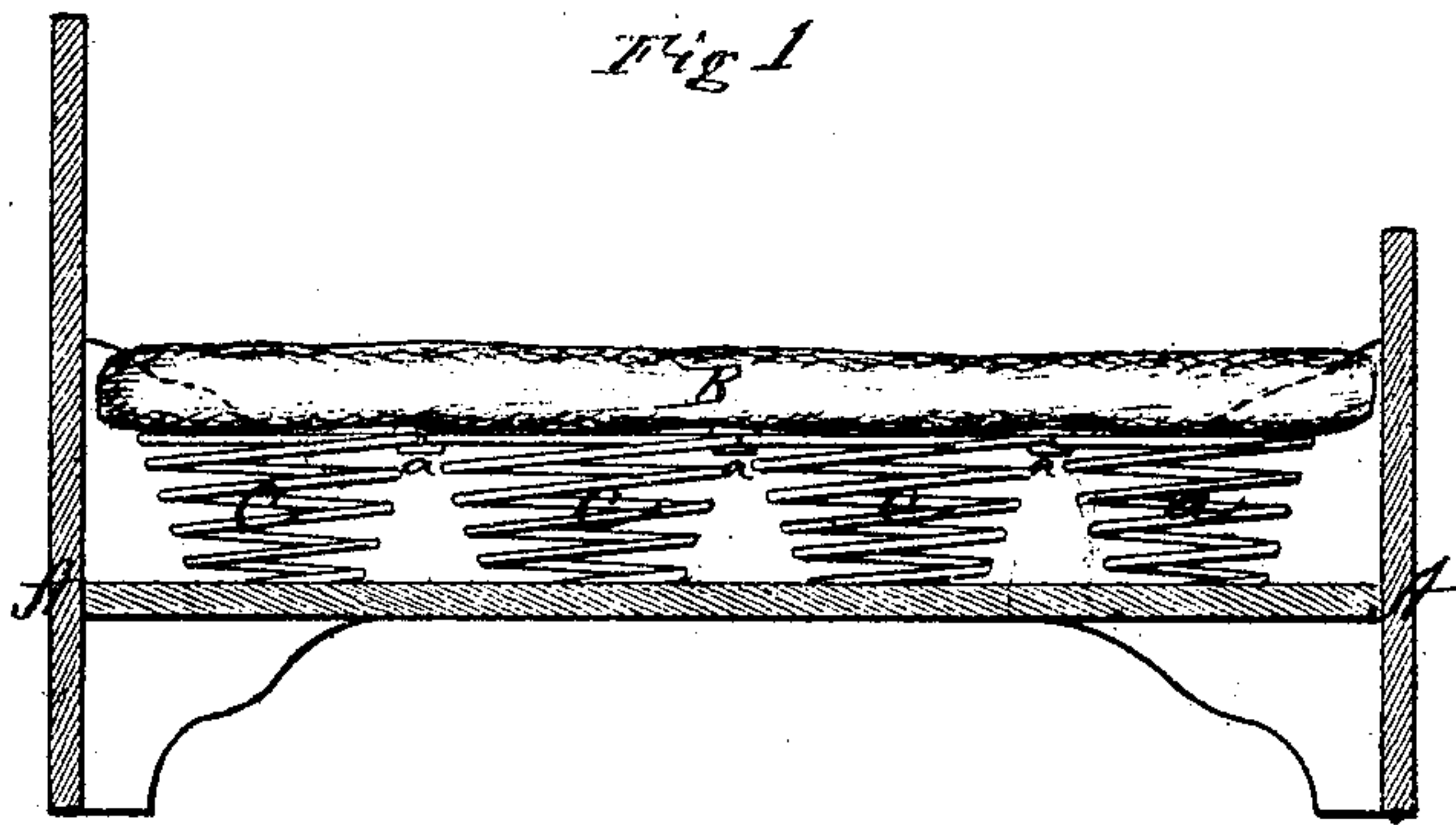


J. H. Potts,
Bed Bottom.

No. 101,161.

Patented Mar. 22. 1870.



Witnesses,
Harry King,
C. L. Ewert

Inventor
Joseph H. Potts,
per Alexander T. Mason
Attys.

United States Patent Office.

JOSEPH H. POTTS, OF OTTUMWA, IOWA, ASSIGNOR TO MARY F. POTTS,
OF SAME PLACE.

Letters Patent No. 101,161, dated March 22, 1870.

IMPROVED SPRING FOR BED-BOTTOMS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, JOSEPH H. POTTS, of Ottumwa, in the county of Wapello and in the State of Iowa, have invented certain new and useful Improvements in Springs for Bed-Bottoms, Upholstering, &c.; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction of a spring for bed-bottoms, upholstering, &c., and in the manner of arranging them together.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a longitudinal vertical section of a bed with my improved spring, and

Figure 2 is a plan view, showing the manner in which the springs are attached together.

A represents the bedstead, and B the mattress, resting upon a series of spiral springs C C. These springs are made of the usual spring wire, narrower at the bottom, and gradually increasing in diameter to the top, and then wound spirally within the outer ring, forming a flat surface on top.

The springs C C are attached together, as seen in fig. 2, by means of loops *a a* slipped around the wire.

The flat surface of each spring forms a-spring independent of the other portion, causing the spring to fit in all the inequalities of the body, dispensing with all hair, gunny sacking, twine, &c., to form the bed-bottom, and consequently makes no place for bed-bugs.

I do not confine myself to the particular shape shown in the drawings. They can be modified and made square, or any other shape, instead of round; also, so as to present a flat surface on top. Also, the end of the wire in the center can be continued down into a second spiral spring, supporting the center.

For any kind of upholstering this spring is valuable, as it requires less covering, and hence will be less expensive.

Having thus fully described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The springs C, with a flat surface, coiled to the center from the outer ring, and arranged to form a bed-bottom, with their upper edges touching, and connected by the loops *a*, all substantially as set forth.

In testimony that I claim the foregoing, I have hereunto set my hand and seal this 15th day of December, 1869.

JOSEPH H. POTTS. [L. S.]

Witnesses:

W. E. CHAMBERS,
THOMAS R. SHEPHERD.