

L. M. Bates,

Spring Beds.

No. 95,553.

Patented Oct. 5. 1869.

Fig. 1.

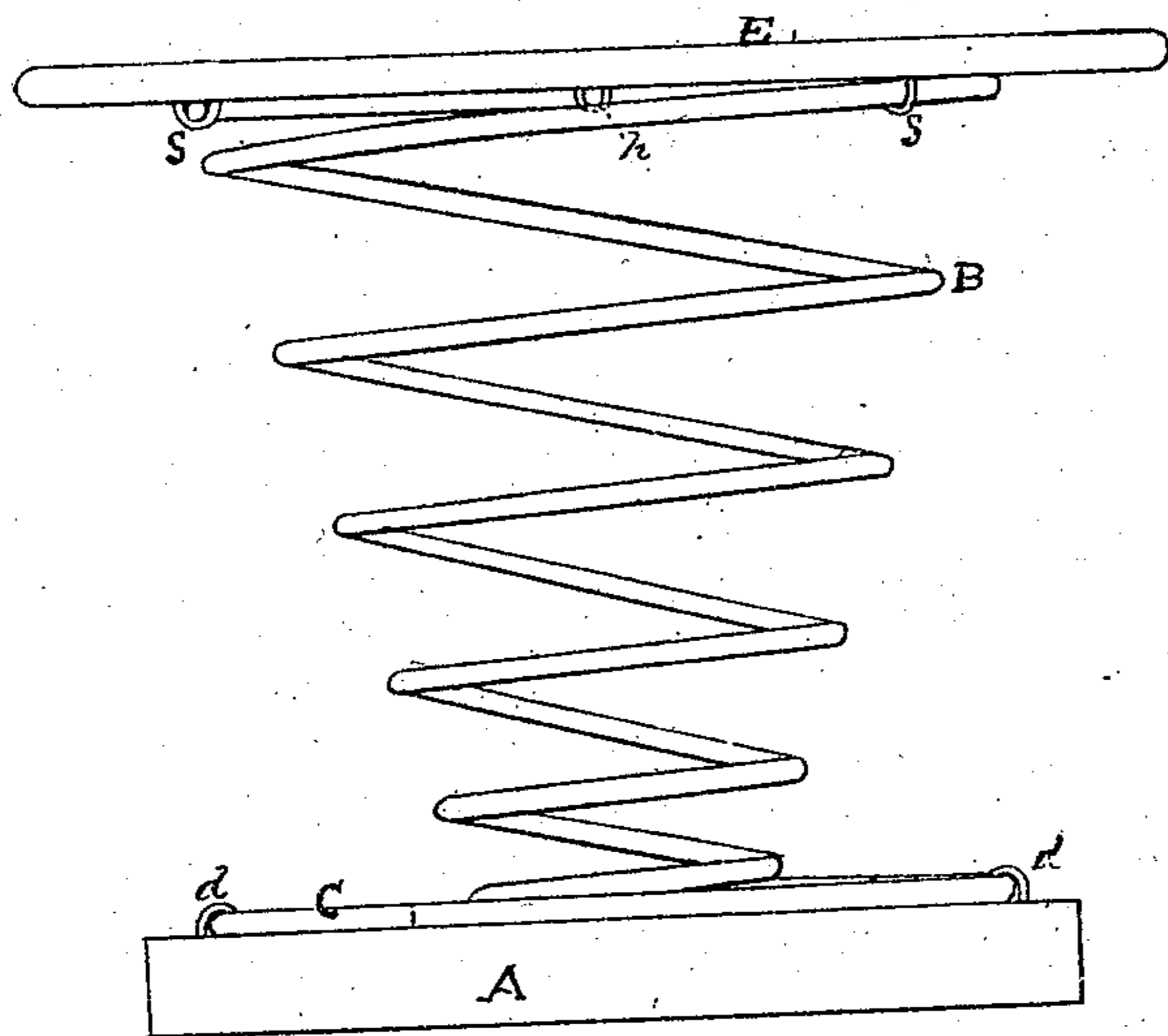
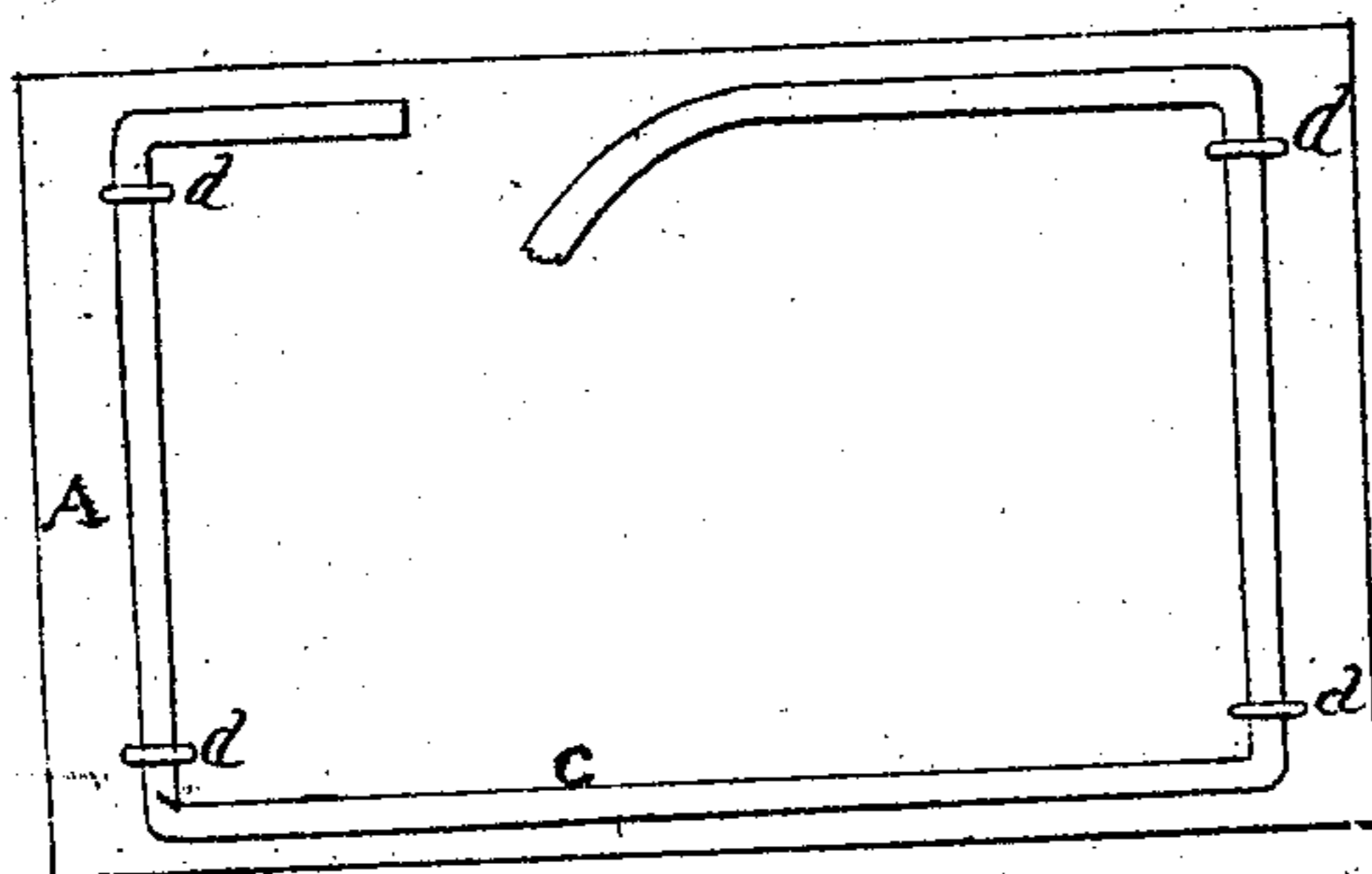


Fig. 2.



Witnesses

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LYMAN M. BATES, OF JACKSON, MICHIGAN.

Letters Patent No. 95,553, dated October 5, 1869.

## 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, LYMAN M. BATES, of Jackson, in the county of Jackson, and State of Michigan, have invented certain new and useful Improvements in Springs for Bed-Bottoms; and I do hereby declare that the following is a full, clear, and exact description hereof, reference being had to the accompanying drawings, and to the letters of reference marked hereon, which form a part of this specification, in which—

Figure 1 represents a side elevation of my invention.

Figure 2 is a plan view of the slat and base of spiral spring.

My invention consists in the peculiar construction of the base of the spring when used in combination with the disk, and connected therewith, substantially as hereinafter described.

A represents a slat, such as is used in bedsteads.

B is a spiral spring, terminating at its lower end with a quadrangular base, C; the said base being connected to the slats A by staples *d*.

E represents a disk placed in a horizontal position, and confined to the top of spring B by means of staples *s*.

*h* designates a single staple, entering the centre of disk E at its under surface, the object of which is to connect and hold in position the several springs by means of a cord, which passes through and is attached to each disk used in the bedstead.

It will be observed that the top coil of the spring B is made horizontal, in order to support the disk more effectually.

It will also be remarked that by using the quadrangular base C, the pressure will be thrown from the centre to near the circumference of the spring, thereby giving the spring greater strength, and thus preserving its elasticity unimpaired.

Having thus described my invention,

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

The spring B, constructed with a quadrangular base, when used in combination with the disk E, substantially as described.

In testimony that I claim the foregoing as my own, I affix my signature, in presence of two witnesses.

LYMAN M. BATES.

Witnesses:

T. H. ALEXANDER,  
P. ALEXANDER.