

(No Model.)

G. S. MOCK.

BED SPRING.

No. 259,192.

Patented June 6, 1882.

Fig 1.

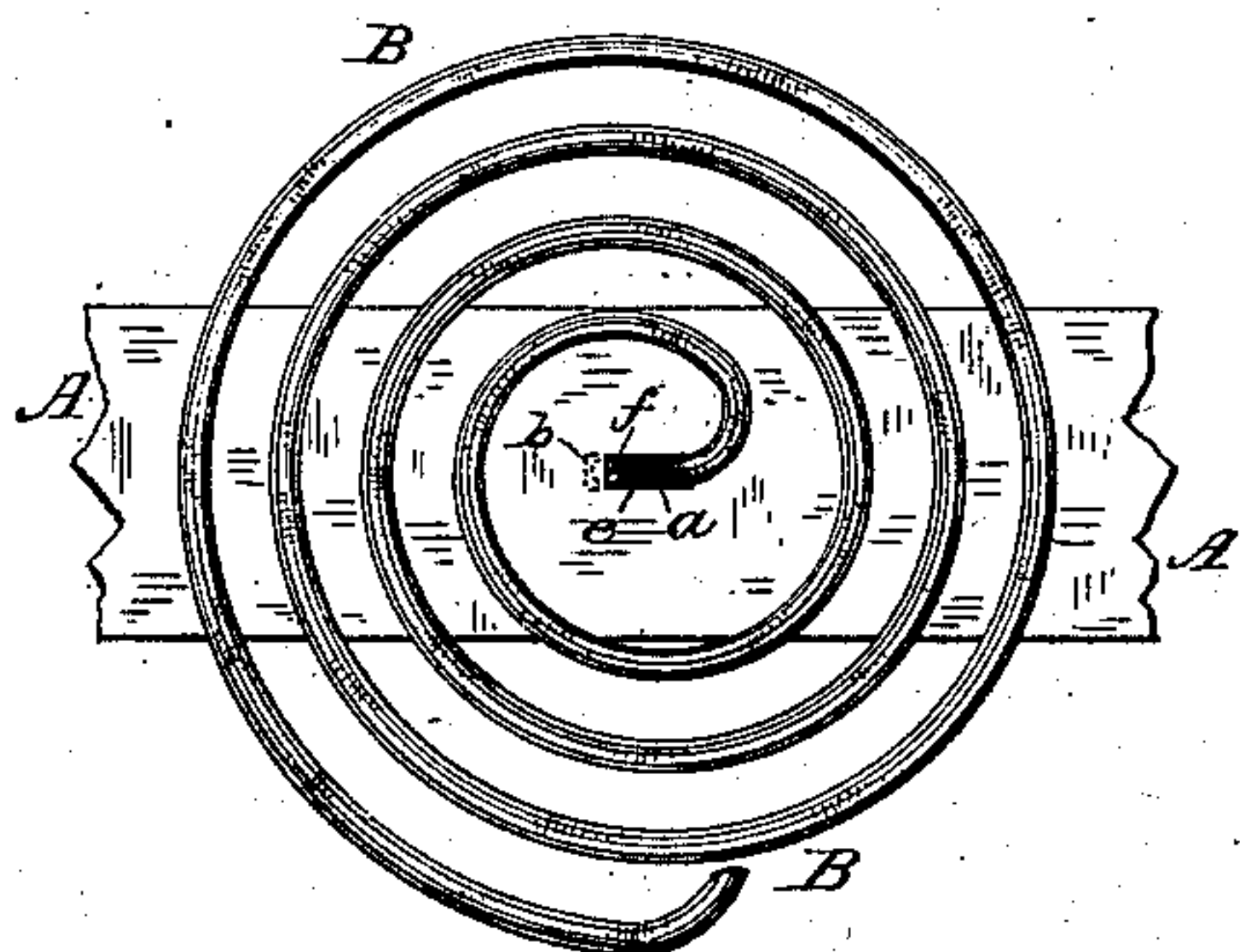


Fig 2.

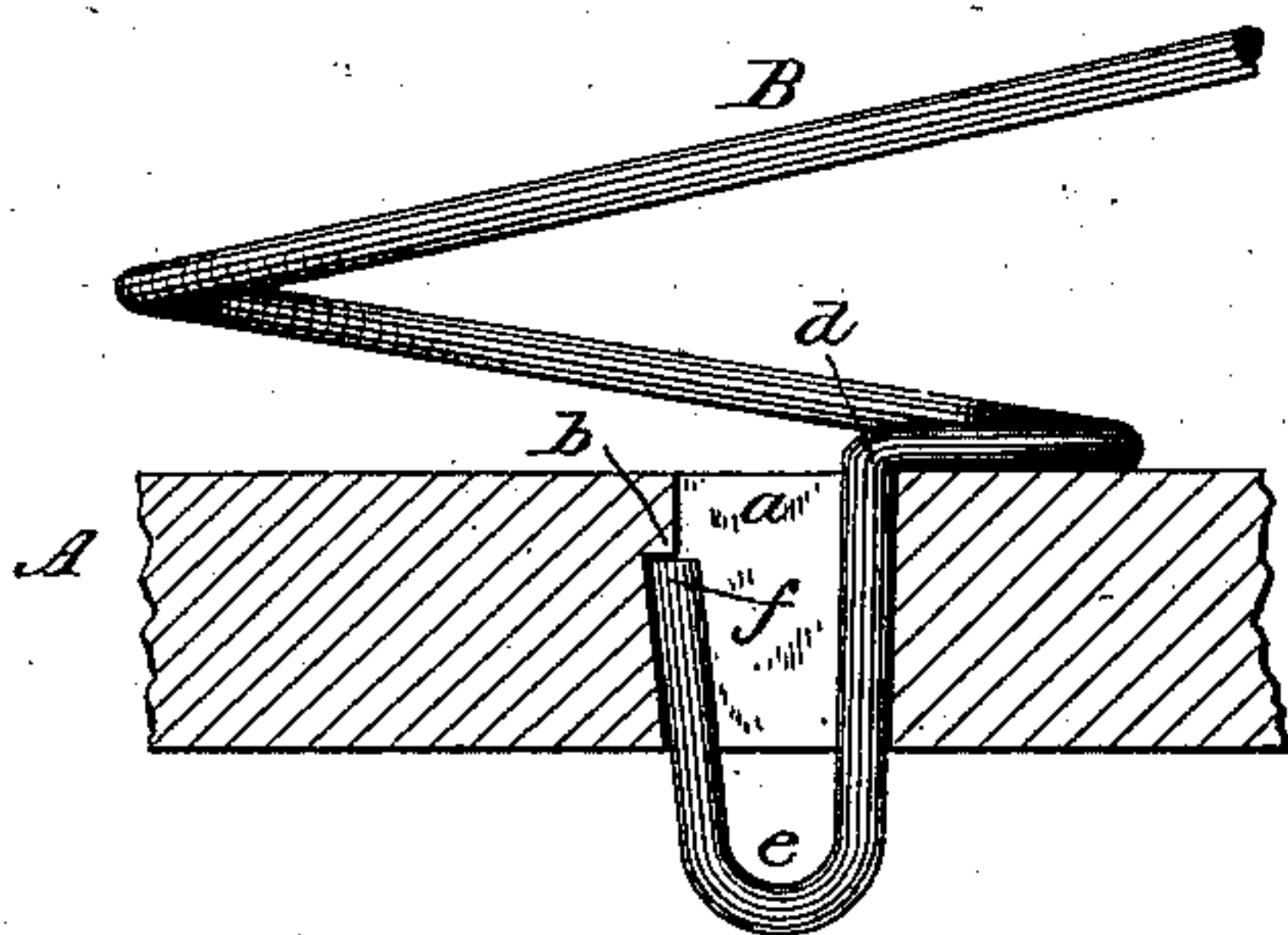
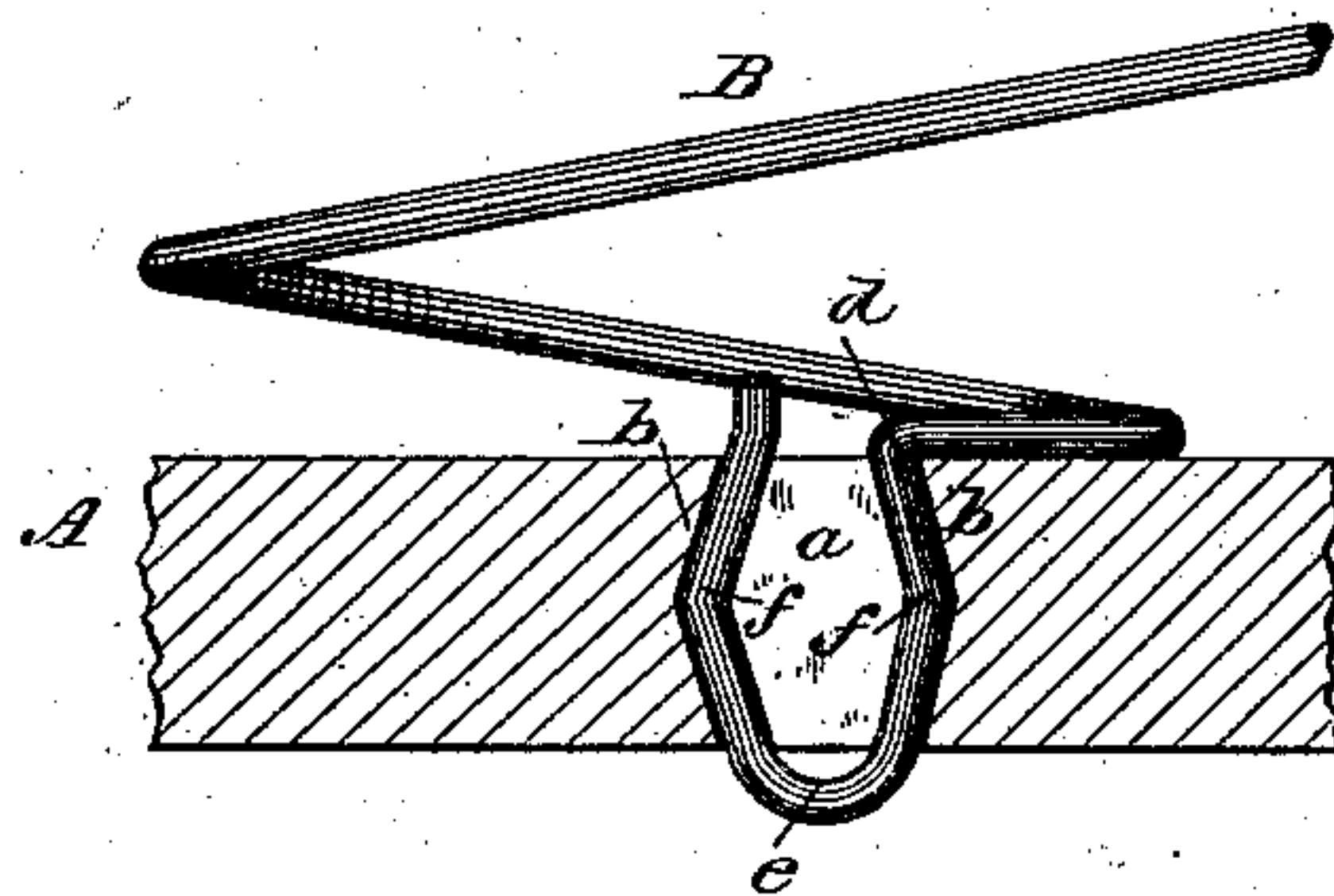


Fig 3.



Witnesses.

L. L. King
S. Oswell

Inventor.

George S. Mock.
By his Atty
Harry King.

UNITED STATES PATENT OFFICE.

GEORGE S. MOCK, OF LEBANON, KENTUCKY.

BED-SPRING.

SPECIFICATION forming part of Letters Patent No. 259,192, dated June 6, 1882.

Application filed April 24, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE S. MOCK, a citizen of the United States, residing at Lebanon, in the county of Marion and State of Kentucky, have invented certain new and useful Improvements in Bed-Springs; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to bed-springs; and it consists in the construction upon the smaller or lower end of a spiral or other bed spring of a new and improved spring-lock, which, when inserted into a socket or slot of peculiar shape in the bed-slat, securely attaches the spring to the slat.

In the drawings, Figure 1 is a top plan view of my improved spring attached to a bed-slat. Fig. 2 is an enlarged side view of the lower end of the spring with the slat in vertical longitudinal section, and Fig. 3 is a similar view, showing a modified form of spring-lock.

Cut into slats A at regular intervals are slots *a*, provided at one side, as in Fig. 2, or both sides, as in Fig. 3, with a shoulder, *b*.

Upon the lower end of each spring B is constructed a spring lock or latch, made by first bending downward at an angle, *d*, the prolonged end of the wire at the lower end of the spring, and then, at a suitable distance below the angle *d*, bending the same upward, forming a loop, *e*.

In the form of lock shown in Fig. 2 the end of the wire, cut off at a proper distance from the bend or loop *e*, forms a locking-shoulder, *f*. In Fig. 3 this locking-shoulder is shown upon each arm of the loop, and is constructed by bending the wire outward in an obtuse angle.

In this modified form of lock the end of the wire is carried up higher than in the form shown in Fig. 2, for reasons hereinafter set forth.

The wire forming the lock, being a prolongation of that forming the bed-spring, possesses the same resilient qualities of such spring. Hence when the loop *e* is inserted into the socket or slot *a* and forced downward a sufficient distance the shoulder *f* of the lock will spring outward and engage with shoulder *b* in the slat, thus securely locking the bed-spring to the slat.

When desirable, the spring may be detached from the slat by pressing together the two arms of downwardly-protruding loop *e*, as in Fig. 2, or the upwardly-protruding ends of the loop, as in Fig. 3, until the shoulder or shoulders *f* become disengaged from the shoulder or shoulders *b*.

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

1. In combination with a bed-slat, provided with a shouldered slot, a bed-spring provided with a resilient loop, having a shoulder or shoulders constructed thereon, the shoulders of the slat and loop engaging with each other and forming a lock, substantially as described.

2. In combination with slat A, having slots *a* cut therein, and provided with shoulder or shoulders *b*, a bed-spring, B, having a protruding resilient loop, *e*, constructed therein, and provided with locking shoulder or shoulders *f*, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE S. MOCK.

Witnesses:

BEN S. BRADSHAW,
J. A. BOWMAN.