

*I. L. Lamb,*

*Sliding Square.*

*No. 99,917.*

*Patented Feb. 15. 1870.*

Fig. 1.

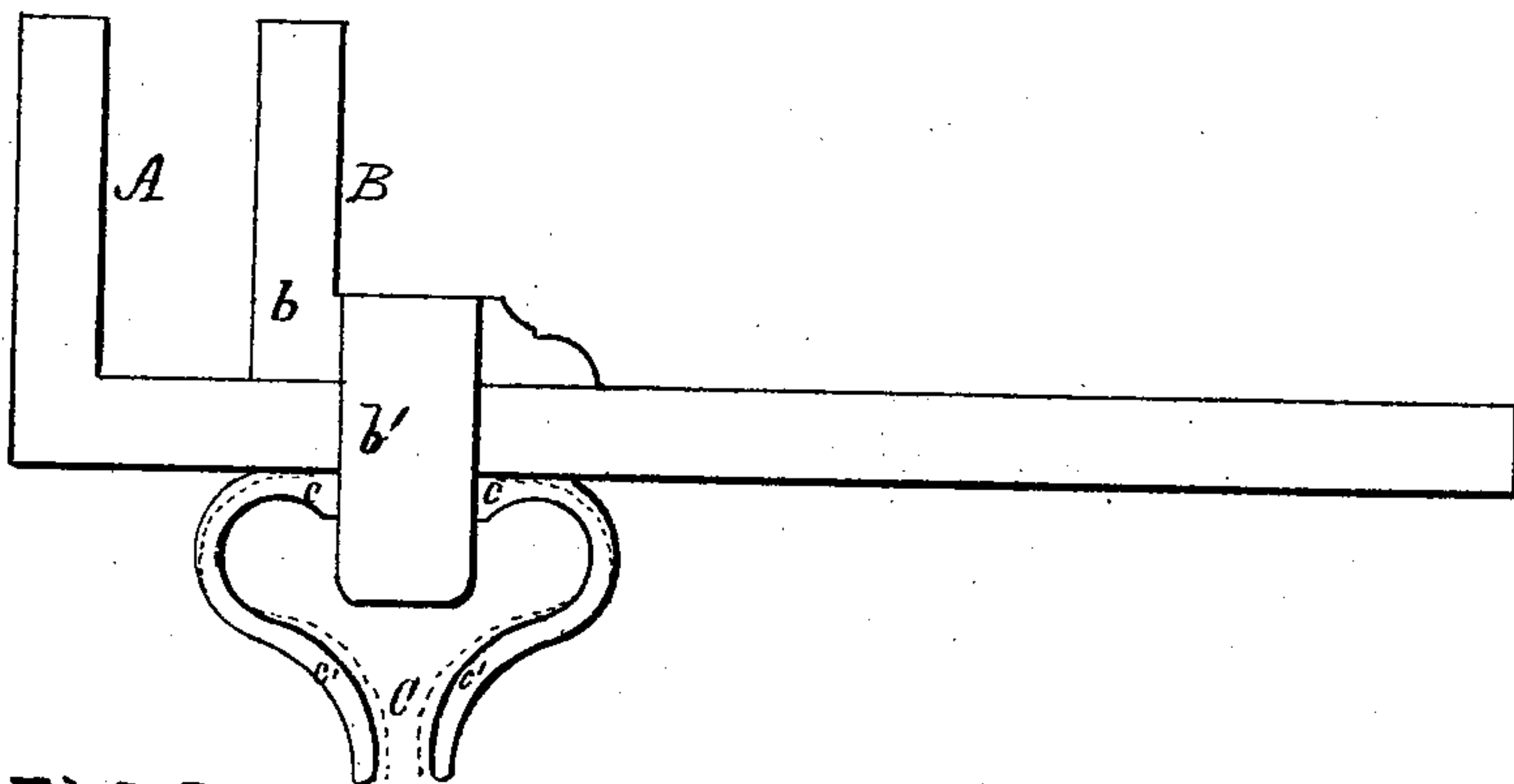


Fig. 2.

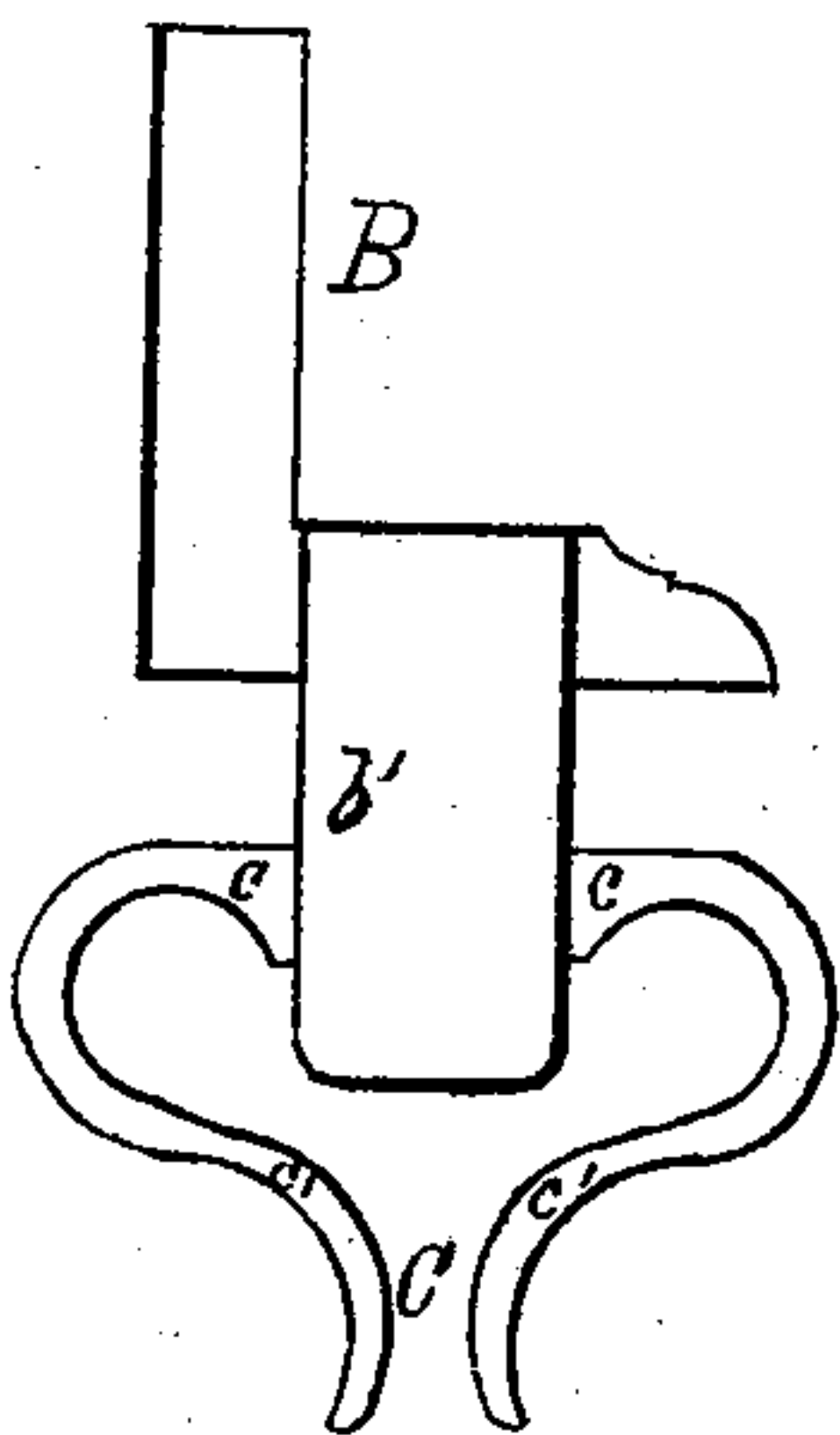


Fig. 3.



Witnesses

*J. M. Kierman*

*E. A. Clarkson*

Inventor

*I. L. Lamb by*

*H. W. Beadle atty.*

# United States Patent Office.

LYSANDER L. LAMB, OF FITCHBURG, MASSACHUSETTS.\*

Letters Patent No. 99,917, dated February 15, 1870.

## IMPROVEMENT IN SLIDING SQUARE AND CALIPER.

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, LYSANDER L. LAMB, of Fitchburg, in the county of Worcester, and State of Massachusetts, have invented a new and useful Improvement in Sliding Square; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings and to the letters of reference marked thereon.

This invention consists in the employment of a spring of peculiar construction for retaining the movable part of a sliding square in any desired position.

In the drawings—

Figure 1 is a side elevation of the square complete; Figure 2, a side elevation of the movable part detached; and

Figure 3, an end view of the same.

To enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe fully its construction and operation.

A represents the square proper, which is constructed in the usual well-known manner.

B represents the movable part consisting of the L-shaped piece *b* and socket *b'*, through which latter passes the long arm of the square A.

C represents the spring, which consists of a base, *c*, and curving arms *c'*, as shown. The outer ends of the base of the spring bear upon the square, but by pressing its lower ends *c' c'* together, these parts are lifted from the square, and the movable part is free to slide thereon.

The specific construction shown is exceedingly desirable.

The upper curves of the spring are adapted to be easily held by the hand, and a grasp sufficiently strong to move the slide will be strong enough to free the square from pressure.

I do not limit myself to the precise form shown; but

Having thus fully described my invention,

What I claim as new, and desire to secure by Letters Patent of the United States, is—

A sliding square provided with the movable part B and spring C, when constructed as described for the purpose set forth.

This specification signed and witnessed this 17th day of December, A. D. 1869.

LYSANDER L. LAMB.

Witnesses:

H. P. TYRRELL,

E. VAUGHAN, Jr.

\* Assignor to himself & Earl Vaughan Jr. of same place.