

(No Model.)

C. W. ELLIOTT.

SHADE PULL.

No. 381,543.

Patented Apr. 24, 1888.

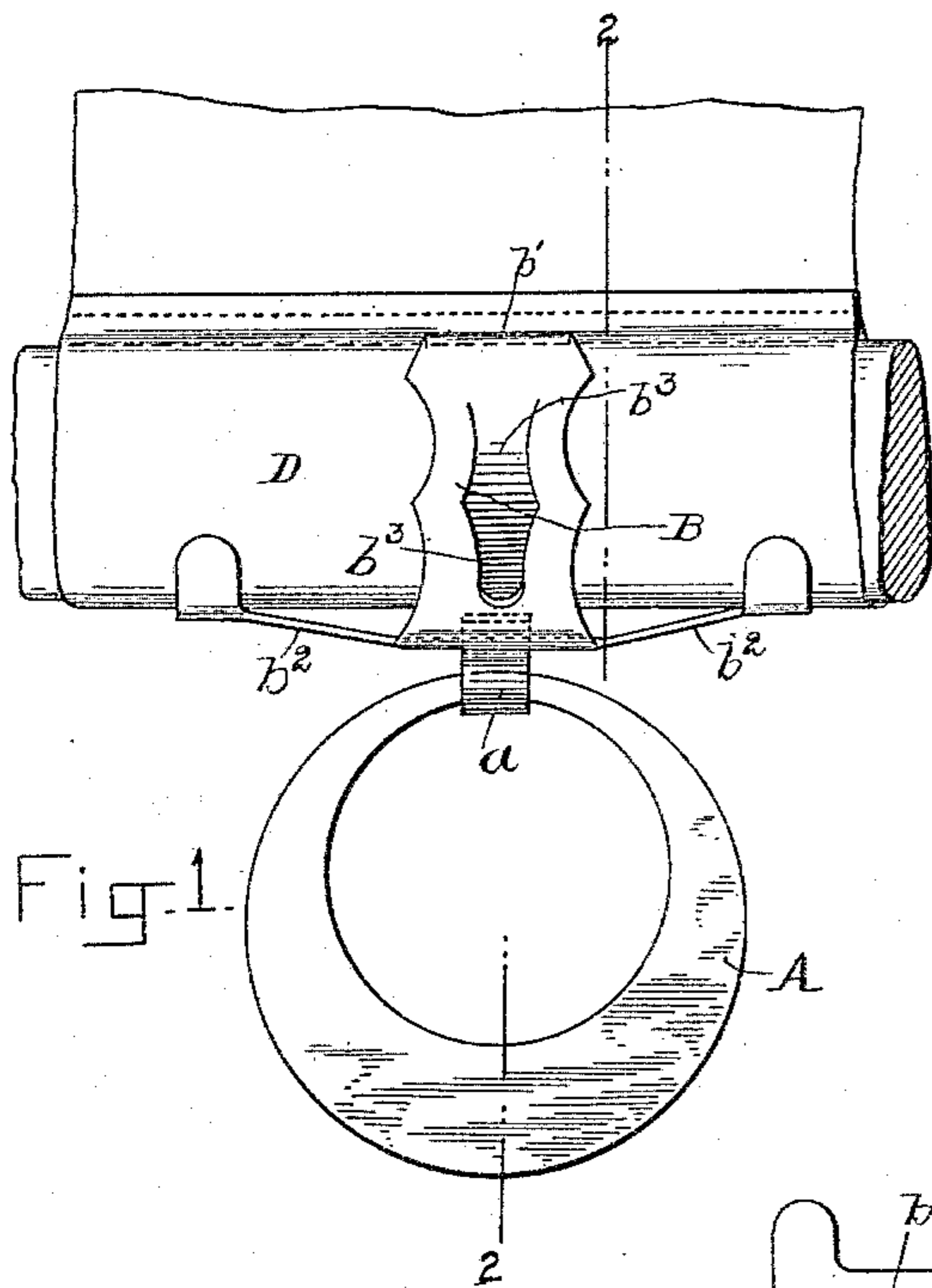


Fig. 1.

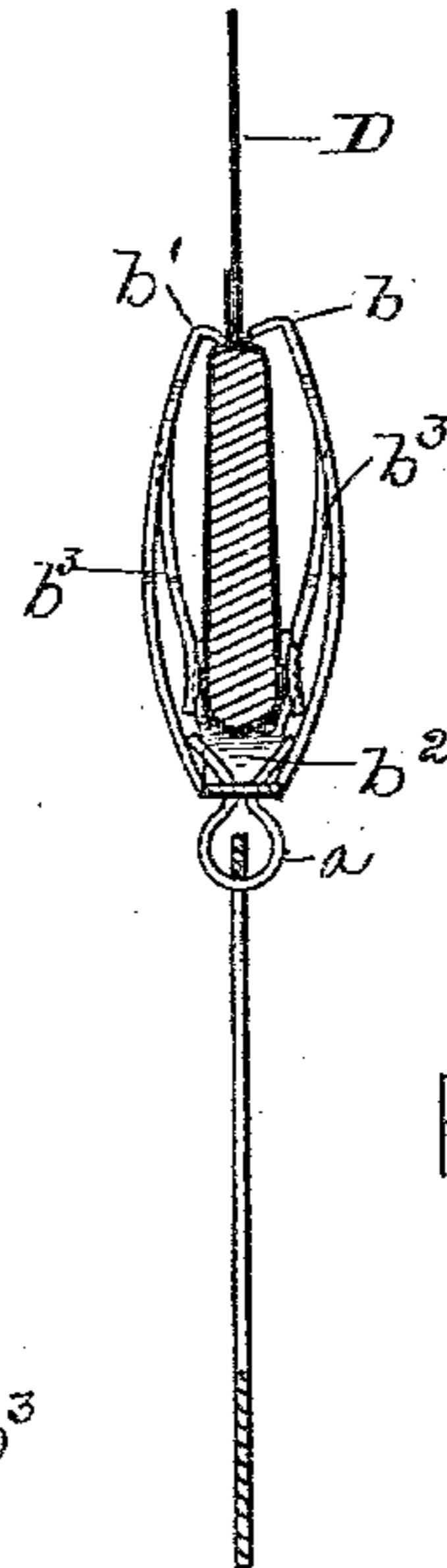


Fig. 2.

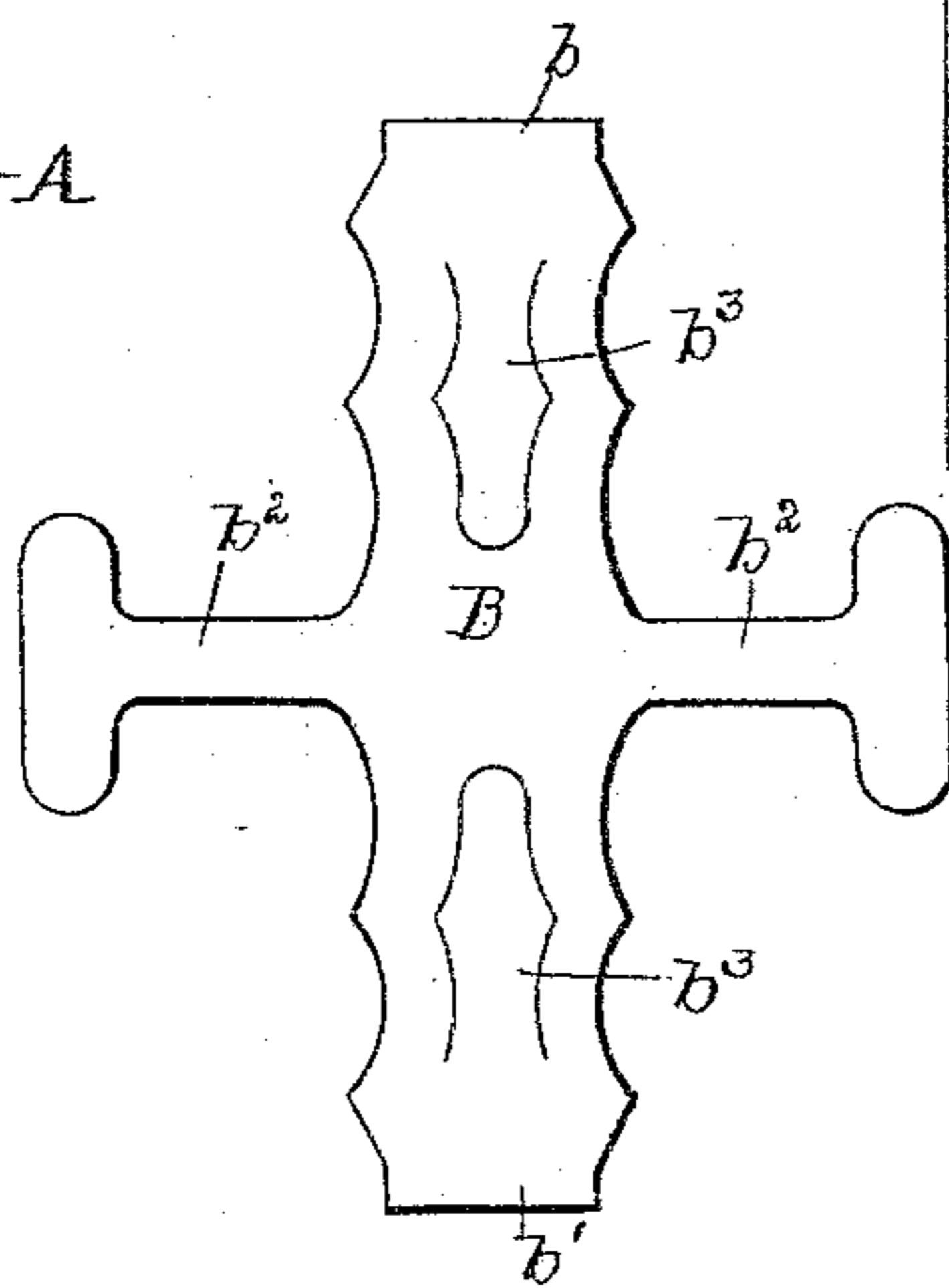


Fig. 3.

WITNESSES:  
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# UNITED STATES PATENT OFFICE.

CHARLES WINTERBON ELLIOTT, OF BOSTON, MASSACHUSETTS.

## SHADE-PULL.

SPECIFICATION forming part of Letters Patent No. 381,543, dated April 24, 1888.

Application filed March 3, 1887. Serial No. 229,504. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES WINTERBON ELLIOTT, a subject of the Queen of Great Britain, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Shade-Pull, of which the following is a specification.

In the drawings, Figure 1 is a front elevation of one style of my device applied to a shade. Fig. 2 is a section on line 2 2, Fig. 1. Fig. 3 illustrates the sheet metal clamp.

My invention is a device for use with curtains or shades; and it consists of a pull connected with a clasp which receives the shade-stick, and has at its upper ends two projections, near its lower end one or more inwardly-bent springs and two sidewise-projecting springs, the shade lying between these projections and the inwardly-projecting springs, and being held from sliding in the stick by the sidewise-projecting springs, which engage one edge of the stick, the clasp serving to securely connect the pull with the shade and its stick.

My device is readily applied and removed when the shades are to be cleaned, and can be made very ornamental. Its main advantage is that it is far more secure than any other device for a like purpose known to me, inasmuch as it is clamped to the sides of the stick as well as to the lower edge of the stick.

In that form of my device shown in the drawings, A is the pull, and B the clasp by which the pull is connected to the shade D. The loop *a* connects the pull A to clasp B.

The clasp shown is made from the blank shown in Fig. 3, which is struck up into the form shown in the other figures. The arms *b*<sup>2</sup> *b*<sup>2</sup> serve to hold the clasps more securely in place, and, by reason of this upward pressure of the stick against the inwardly-bent projections *b* *b*<sup>1</sup> of the clasp, tend to prevent the clasp from being slid along the stick. The side springs *b*<sup>3</sup> *b*<sup>3</sup> aid in holding the clasp in place. The projections *b* *b*<sup>1</sup> take hold of the stick, as shown fully in Fig. 1, and are essential elements of my device.

I have shown my device wholly made of sheet metal; but, as will be obvious, it will be made in numerous styles. For example, in some styles the pull A is a cord and tassel, instead of the ring and loop, as shown, and the clasp B is a light casting, and therefore is applied by sliding endwise in the stick. While the style shown may be applied endwise, yet it may also be sprung directly to place, the spring of the clasp being amply sufficient when made of the proper quality of sheet metal.

What I claim as my invention is—

The device above described, made up of the pull A and clasp B, having the inwardly-bent projections *b* *b*<sup>1</sup>, inwardly-bent springs *b*<sup>3</sup> *b*<sup>3</sup>, and sidewise-extending springs *b*<sup>2</sup> *b*<sup>2</sup>, substantially as and for the purpose set forth.

CHARLES WINTERBON ELLIOTT.

Witnesses:

EDWARD S. BEACH,  
JOHN R. SNOW.