

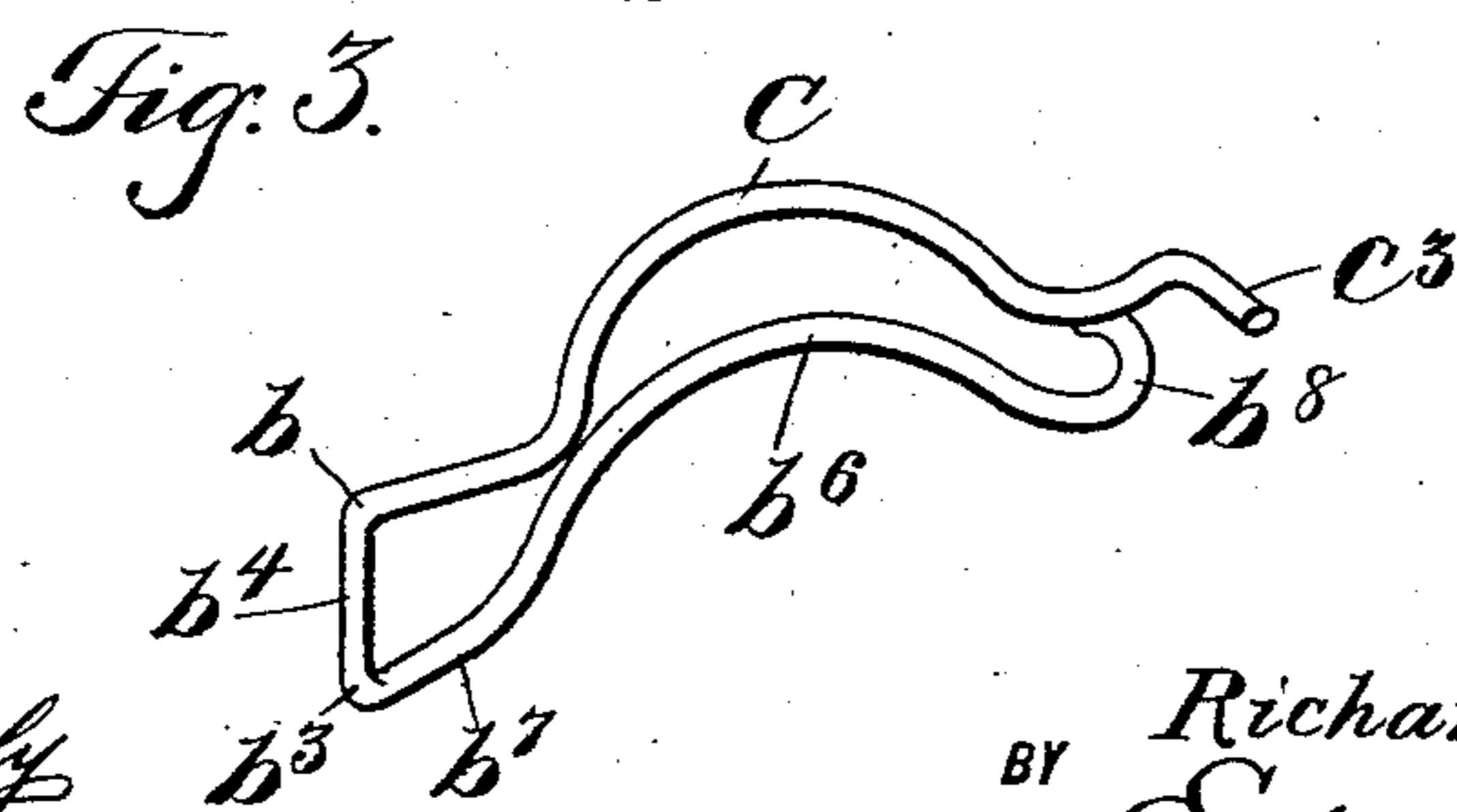
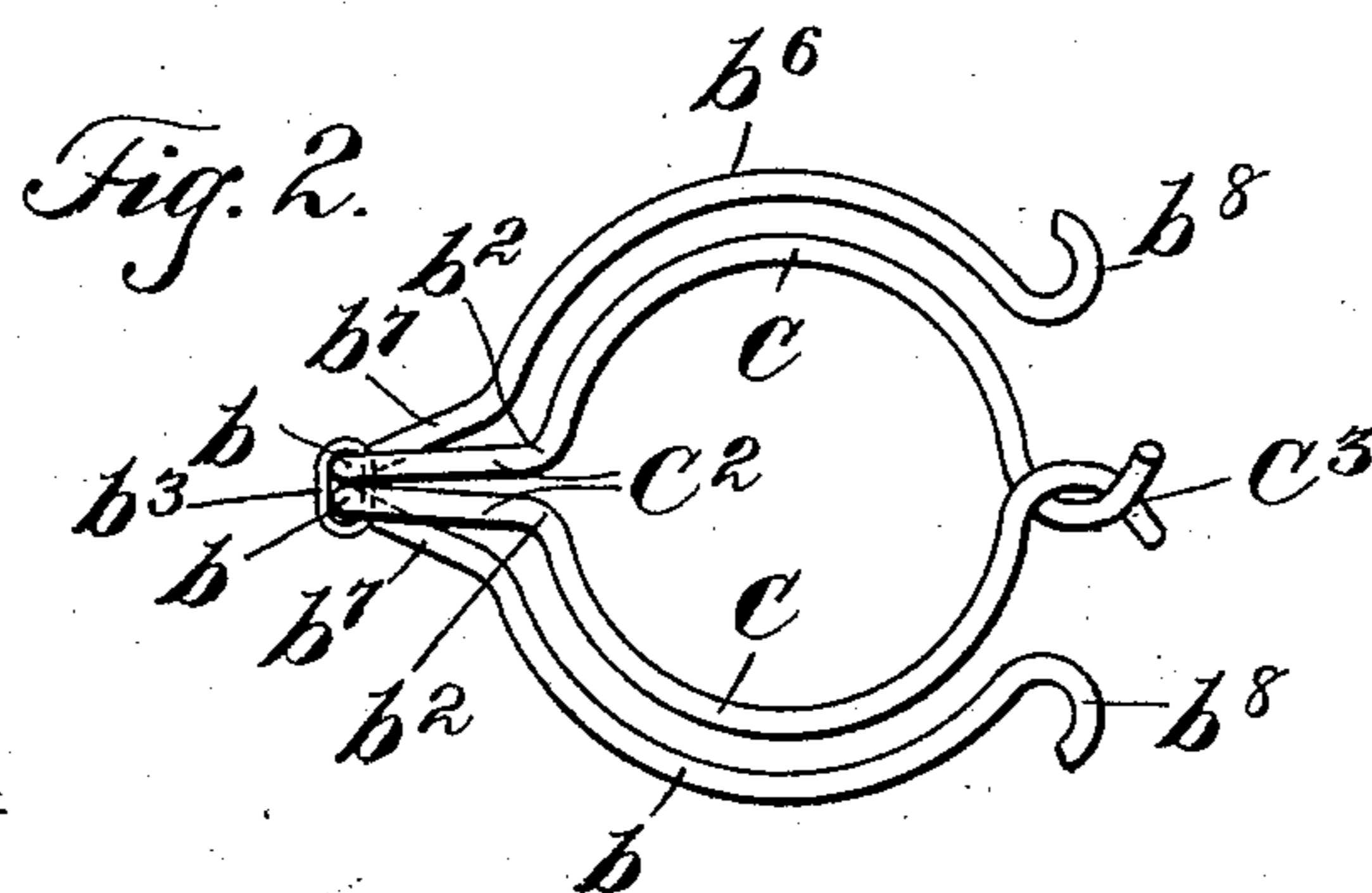
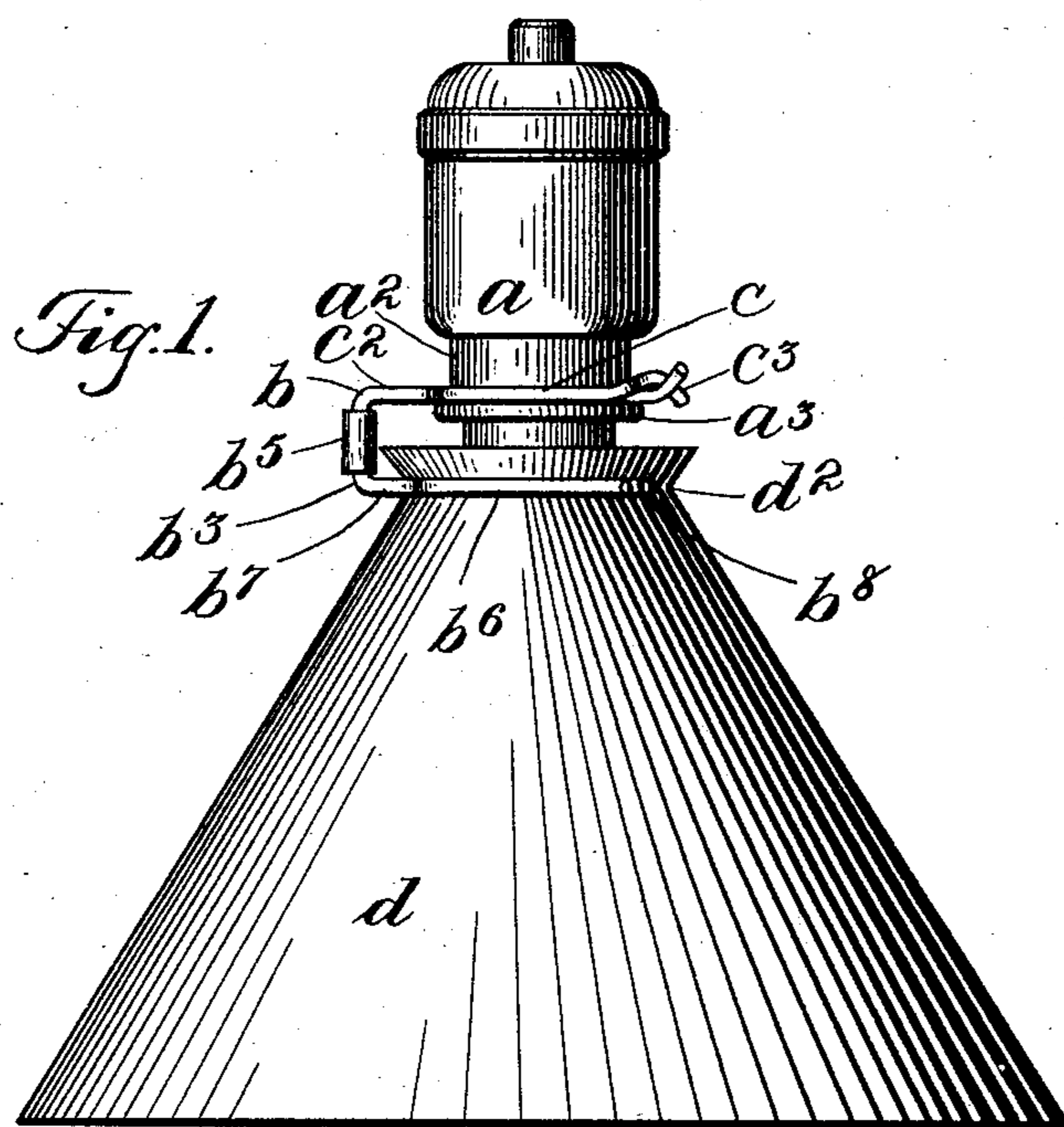
No. 765,681.

PATENTED JULY 26, 1904.

R. W. SCHMELZ.  
SHADE HOLDER FOR INCANDESCENT LAMPS.

APPLICATION FILED DEC. 5, 1903.

NO MODEL.



WITNESSES

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# UNITED STATES PATENT OFFICE.

RICHARD W. SCHMELZ, OF FAR ROCKAWAY, NEW YORK.

## SHADE-HOLDER FOR INCANDESCENT LAMPS.

SPECIFICATION forming part of Letters Patent No. 765,681, dated July 26, 1904.

Application filed December 5, 1903. Serial No. 183,858. (No model.)

*To all whom it may concern:*

Be it known that I, RICHARD W. SCHMELZ, a citizen of the United States, residing at Far Rockaway, in the county of Queens and State of New York, have invented certain new and useful Improvements in Shade-Holders for Incandescent Electric Lamps, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

The object of this invention is to provide an improved shade-holder for incandescent electric lamps, a further object being to provide a shade-holder of the class specified which may be quickly and easily attached to a lamp-support and which will remain securely in position and with which a shade may easily be connected in such a manner that the shade will be securely held in the desired position and may be conveniently detached whenever necessary.

This invention is an improvement on that described and claimed in United States Letters Patent granted to me August 12, 1902, Serial No. 706,856, and is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my invention are designated by suitable reference characters in each of the views, and in which—

Figure 1 is a side view of a socket or holder of an incandescent electric lamp and showing my improved shade-holder connected therewith and a shade suspended thereby; Fig. 2, a plan view of the holder detached, and Fig. 3, a perspective view of one part thereof.

Referring to the drawings, *a* designates the socket or holder of an incandescent electric lamp, and said socket or holder is provided at its lower end with a reduced neck *a*<sup>2</sup>, having an annular bead *a*<sup>3</sup>, and in the practice of my invention I provide a shade-holder *b*, composed of two similar side members *b*<sup>2</sup>, hinged together at *b*<sup>3</sup>. Each of the side members *b*<sup>2</sup> is composed of spring-wire bent to form a yoke the separate sides of which are connected by a vertically-arranged cross-piece *b*<sup>4</sup>, and in the form of construction shown the hinge at *b*<sup>3</sup> is made by means of a sleeve *b*<sup>5</sup>, which incloses said parts *b*<sup>4</sup>. The bottom side

member of each of the said yoke-shaped members of which my improved shade-holder is composed is formed into a segmental arm *b*<sup>6</sup>, connected with the part *b*<sup>4</sup> by a shank *b*<sup>7</sup>, and the end of each segmental arm *b*<sup>6</sup> is preferably formed into an outwardly-curved portion *b*<sup>8</sup>. The top part of each of said yoke-shaped members is also formed into a segmental arm *c*, connected with the part *b*<sup>4</sup> by a shank member *c*<sup>2</sup>, and the ends of the arms *c* are formed into interlocking members *c*<sup>3</sup>, which may be of any desired form.

The segmental arms *c* when connected form a ring which incloses when in use the neck *a*<sup>2</sup> of the socket piece or holder *a*, and when the shade or holder is in this position an ordinary shade *d*, having a neck *d*<sup>2</sup> and a flange or rim *d*<sup>3</sup>, may be inserted into or between the arms *b*<sup>6</sup>, by which it will be securely held. In order to connect the shade-holder with the neck *a*<sup>3</sup>, the arms *c* are passed around said neck and the free ends brought together and interlocked, and in order to disconnect the shade-holder from the neck *a*<sup>2</sup> it is only necessary to separate the interlocking parts *c*<sup>3</sup> in the manner of other devices of this class and as will be readily understood.

The shade *d* (shown in the drawings) is of a well-known form; but it will be apparent that other shades of different styles and shapes may be employed, all that is necessary in this connection being to provide a shade having a neck portion *a*<sup>2</sup>, which may be engaged by the spring-arms *b*<sup>6</sup>. When the spring-arms *c* are drawn together and secured around the neck *a*<sup>2</sup> of the socket or holder *a*, the arms *b*<sup>6</sup> are held in the position shown in Fig. 2 and the free ends of said arms will yield to permit the neck of the shade to be inserted therein, and the elasticity of the arms *b*<sup>6</sup> is sufficient to hold the shade in proper position at all times; but the shade may be detached, as will be readily understood, without removing the shade-holder from the neck *a*<sup>2</sup>.

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

1. A shade-holder comprising two spring yoke members hinged together, one side of said yoke members being formed into seg-

mental arms having interlocking ends and the other side thereof being formed into segmental arms having free ends, substantially as shown and described.

- 5 2. A shade-holder adapted to be connected with an electric-lamp socket or similar device, said holder being composed of two yoke-shaped spring members hinged together, one side of said members being formed into seg-  
10 mental arms adapted to inclose the neck of the socket and provided with means whereby

they may interlock, the other side of said yoke members being formed into segmental spring-arms having outwardly-curved free ends.

In testimony that I claim the foregoing as 15 my invention I have signed my name, in presence of the subscribing witnesses, this 3d day of November, 1903.

RICHARD W. SCHMELZ.

Witnesses:

F. A. STEWART,  
C. J. KLEIN.