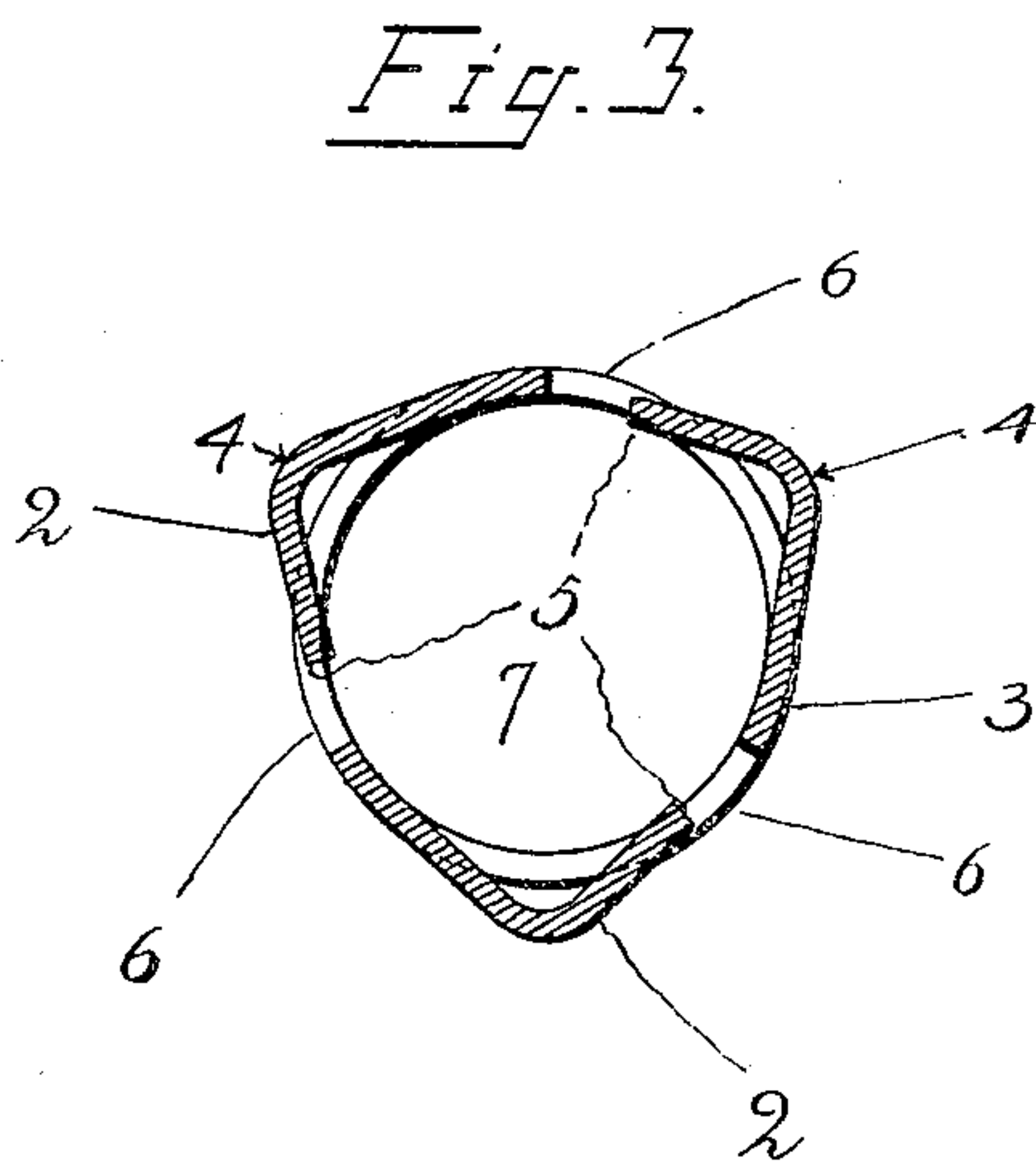
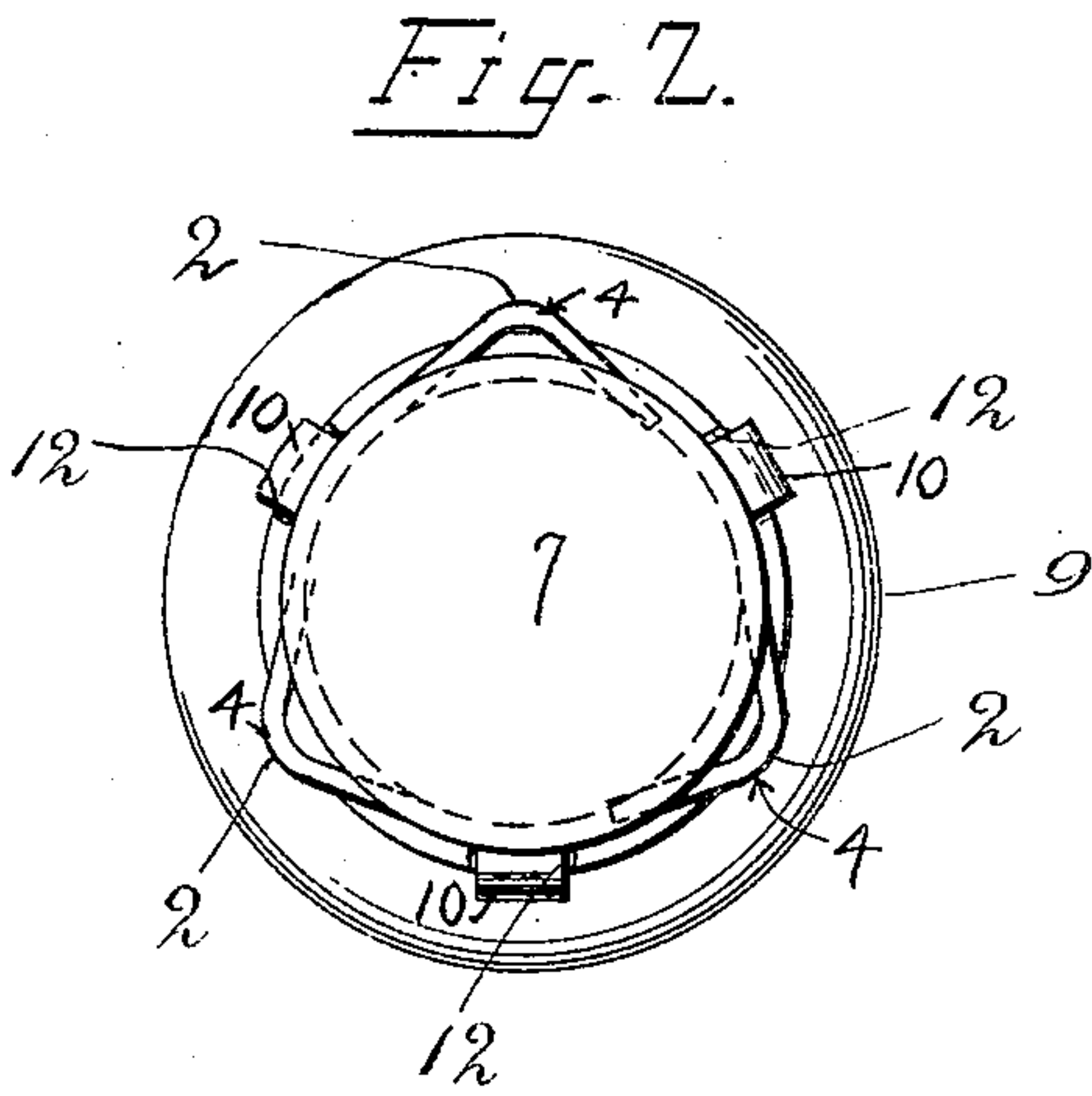
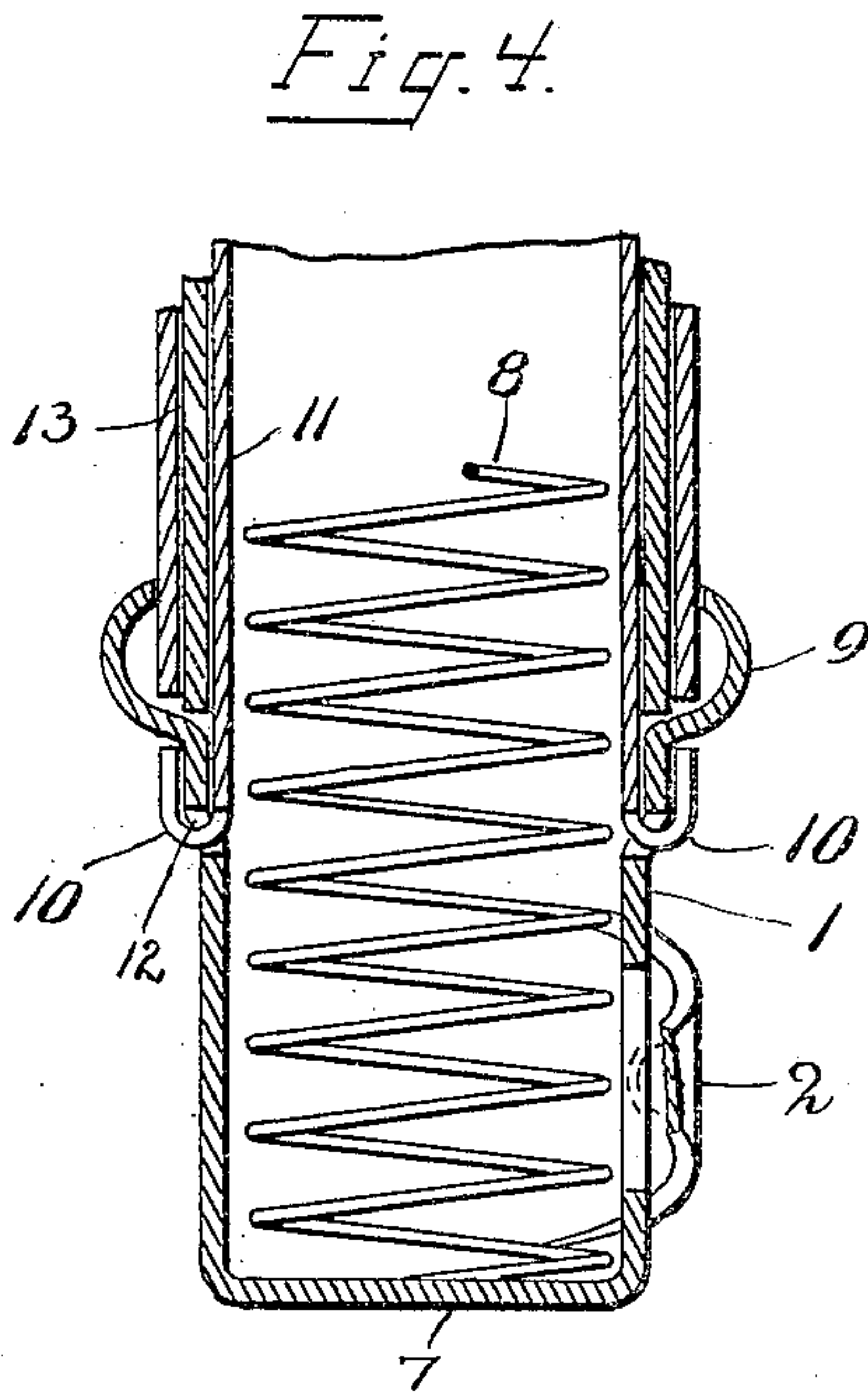
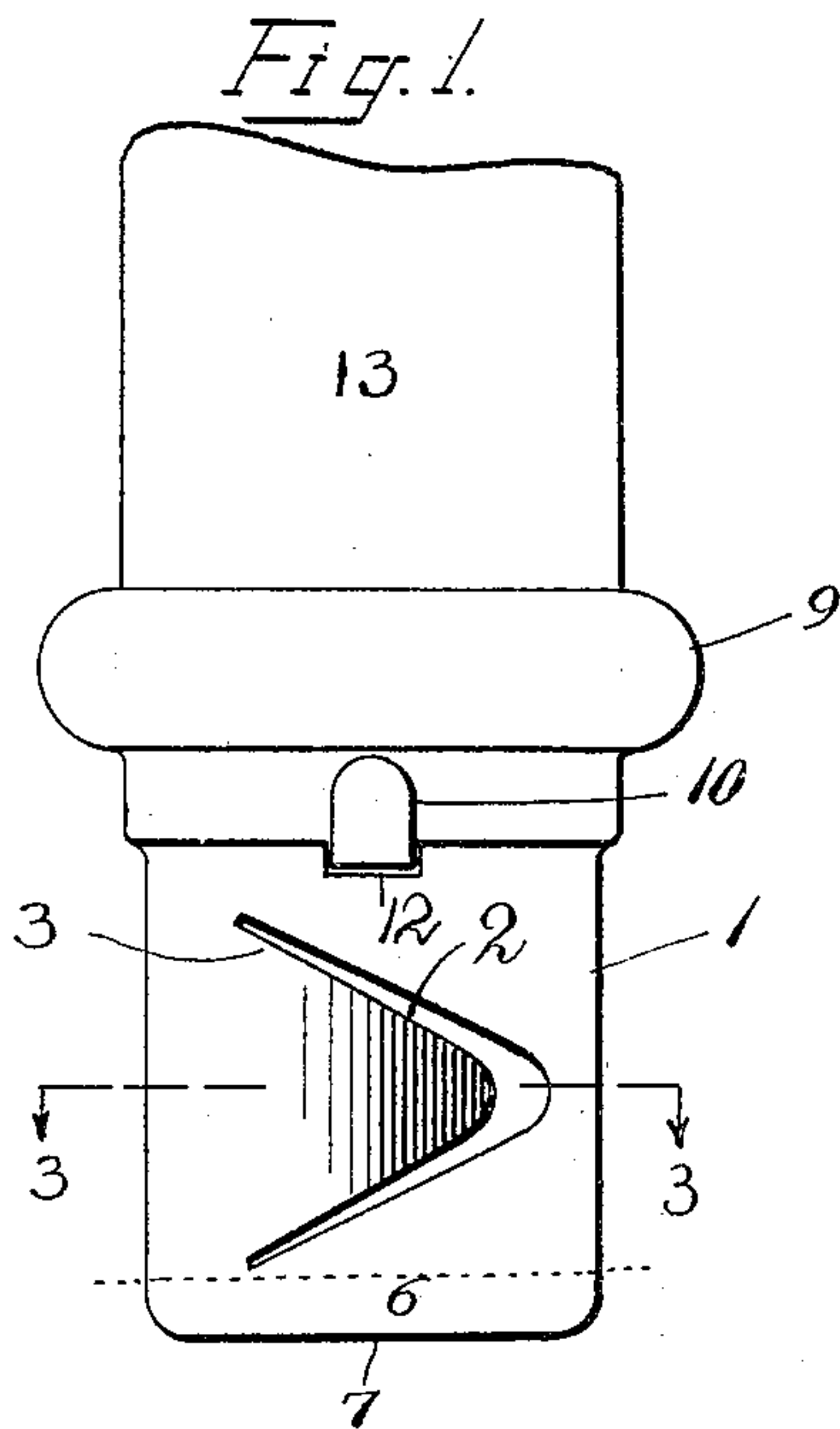


No. 814,636.

PATENTED MAR. 6, 1906.

F. BAUMER.
RESILIENT BASE FOR CANDLE HOLDERS.
APPLICATION FILED OCT. 17, 1905.



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UNITED STATES PATENT OFFICE.

FRANCIS BAUMER, OF NEW YORK, N. Y.

RESILIENT BASE FOR CANDLE-HOLDERS.

No. 814,636.

Specification of Letters Patent.

Patented March 6, 1906.

Original application filed June 15, 1905, Serial No. 265,318. Divided and this application filed October 17, 1905. Serial No. 283,107.

To all whom it may concern:

Be it known that I, FRANCIS BAUMER, a citizen of the United States, residing at 310 West Ninety-seventh street, New York, N. Y., have invented certain new and useful Improvements in Resilient Bases for Candle-Holders, of which the following is a clear, full, and exact description.

The object of this invention is to provide an improved resilient base for candle-holders which will safely and securely grip the inside wall of the well of a candlestick, present a smooth exterior surface when not in the well, and thus prevent the cutting or scratching of the user by exposed sharp edges generally present in such devices, and, further, to provide a base which will itself contain part of the spring used in such structures and act as a support for the same, all which objects I attain in a more simple, cheaper, and more efficient structure than has heretofore been devised.

In carrying out my invention I form the resilient base of cylindrical shape, though any other form will do, particularly when the well of the candlestick is of such other form. In the wall of the cylinder I cut a number of preferably V-shaped tongues or fingers, being careful to in all cases preserve intact the lower edge of the cylinder as a continuous collar or band of metal. These fingers I first bend outwardly, crooking them at about their middle, so that their free ends will again enter within the interior of the cylinder, while substantial portion of each will project beyond the outer perimeter of the cylinder to grip the interior of the candlestick-well.

In my preferred embodiment of this invention I prefer that the cylinder have a closed bottom and not merely a continuous lower edge and that it be flared out at its upper end, which is left open in order to receive a tube having lugs at its lower end which pass through openings in the flanged-out part and are then upset to secure the cylinder and tube together. Such means of securing the two parts I have shown and claimed in my Patent No. 806,314, granted December 5, 1905, of which this case is a division.

One of the objects of securing an open-ended tube to an upper open-ended cylindrical base is to allow the spring carried within the tube to pass through the open end of the base and rest upon the bottom of the base, thus securing a candle-holder which when the spring is duly compressed will receive a candle of

great length. Another object is to allow the flared-out upper rim to receive the now well-known outer tube or ornamental shell without recourse to a separate part with which to hide the lower end of the shell.

It will of course be obvious that many changes in form and structure may be made from the specific embodiment of my invention as herein described without departing from the spirit and scope of my invention as pointed out in the claims.

In the accompanying drawings, Figure 1 is an outside elevation of so much of a candle-holder as is necessary for a complete understanding of this invention. Fig. 2 is a bottom plan of the same. Fig. 3 is a section on line 3 3, Fig. 1, and Fig. 4 is a side elevation in section of Fig. 1, illustrating how my improved base would be applied to a candle-holder of my preferred embodiment as shown in the parent application.

The improved cylindrical base 1 is formed in this instance with three V-shaped fingers 2, each attached to the metal of the base at 3, formed with a crooked or bent part at 4 and with their free ends 5 entering within the cylinder, to be thereby housed against danger of scratching or cutting the hands of the user. The fingers are cut from the cylinder at a distance from the lower edge, thereby forming a collar or continuous band 6 at said lower edge. (Represented as below the dotted line Fig. 1.)

As shown particularly in Fig. 4, I prefer that the cover or bottom part of the base be closed, as shown at 7, to act as a support for the usual spring 8, the lower part only of which is shown in this application. I prefer to flare out the upper rim 9 of the base to permit lug 10 of the tube 11, which carries the spring 8, to pass through openings 12 in the flared-out ring, there to be bent back to secure the tube in place. I also prefer that a space be left between the tube 11 and the inner periphery of the flared-out part to permit the insertion of a second tube or shell 13, usual in the art for presenting a pleasing appearance of finish to the outside of the candle-holding tube.

I claim as my invention—

1. In combination with a candle-holding tube, a base secured to the lower end thereof, said base adapted to fit within the well of a candlestick and comprising a cylinder having an unbroken lower edge and spring-fingers cut out of the side of said cylinder, said fin-

gers having their direction of length substantially at right angles to the height of the base.

2. In combination with a candle-holding tube, a base secured to the lower end thereof, 5 said base adapted to fit within the well of a candlestick and comprising a cylinder having a substantially closed bottom and an open top and spring-fingers extending from the sides of the cylinder and a spring within the 10 tube and cylinder and resting upon its closed bottom.

3. A resilient base adapted to fit the well of a candlestick comprising a cylinder having an unbroken lower edge and spring-fingers 15 extending from the surface of the cylinder, the upper rim of said cylinder being flared out, a tube secured to the cylinder and within the flared-out part and a second tube concentric therewith having its lower end de- 20 pending into said flared-out part.

4. A resilient base adapted to fit the well of a candlestick comprising a cylinder having an unbroken lower edge and spring-fingers

extending from the surface of the cylinder, a closed bottom and an open top to the cyl- 25 inder and a spring resting upon said bottom and passing through the open top.

5. A resilient base adapted to fit the well of a candlestick comprising a cylinder having an unbroken lower edge and spring-fingers 30 extending from the surface of the cylinder, the upper rim of said cylinder being flared out, a tube secured to the cylinder and within the flared-out part and a second tube concentric therewith having its lower end de- 35 pending into said flared-out part, a closed bottom and an open top to the cylinder and a spring resting upon said bottom and passing through the open top.

Signed at New York, N. Y., this 16th day 40 of October, 1905.

FRANCIS BAUMER.

Witnesses:

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