

(No Model.)

J. DARDONVILLE.
TUBE FOR HOLDING LAMPS IN SOCKETS.

No. 452,364.

Patented May 19, 1891.

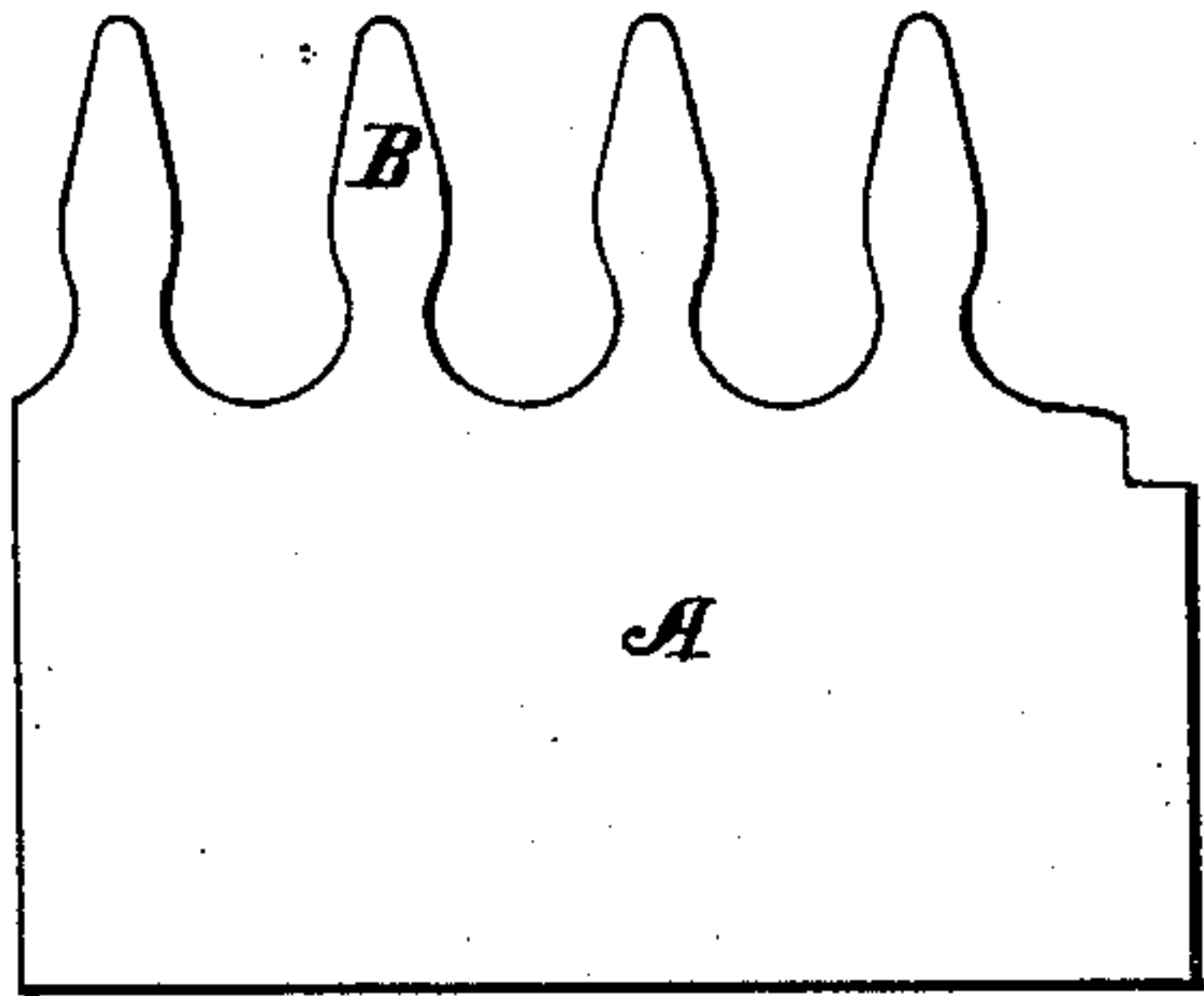


Fig. 1.

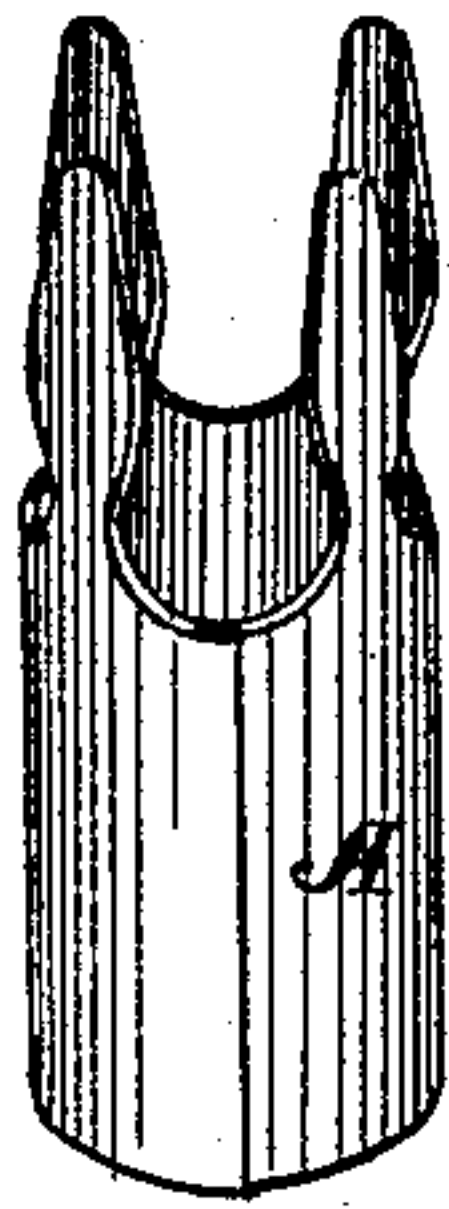


Fig. 2.

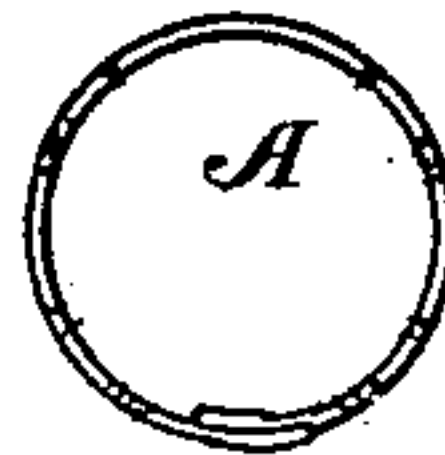


Fig. 3.

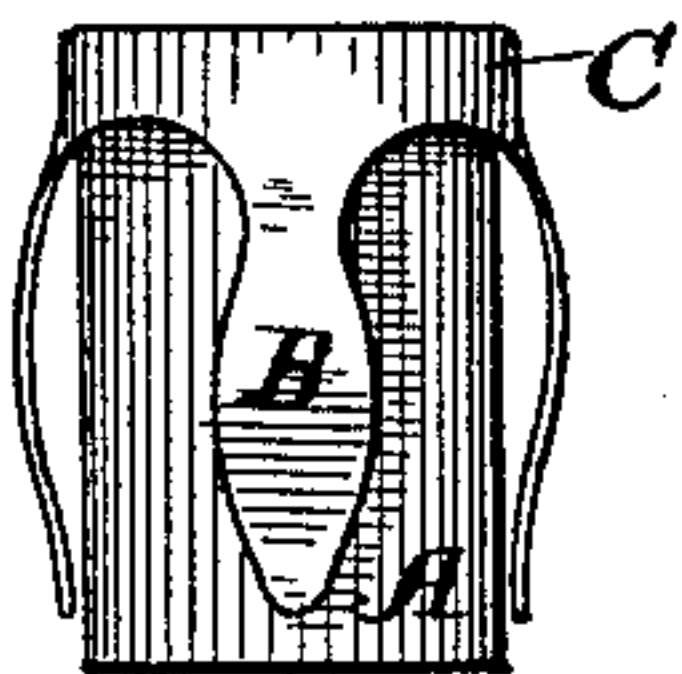


Fig. 4.

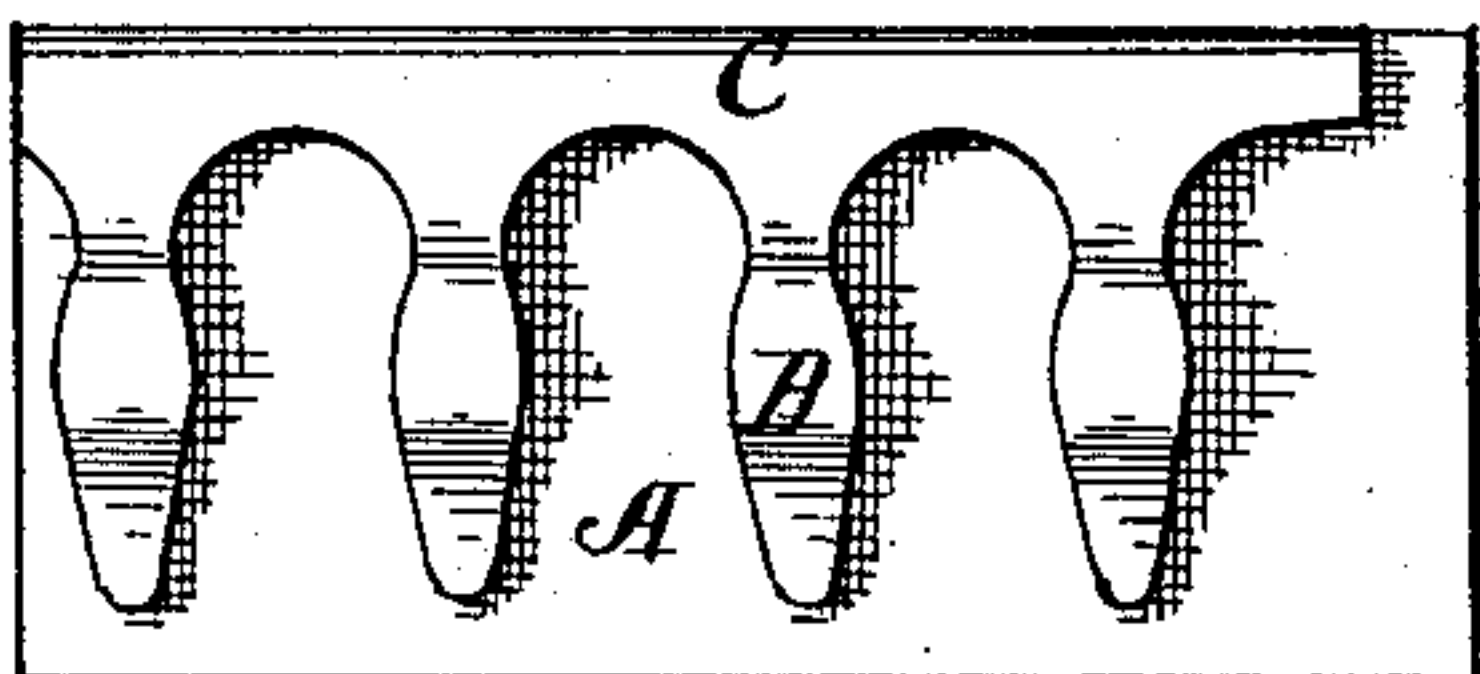


Fig. 6.

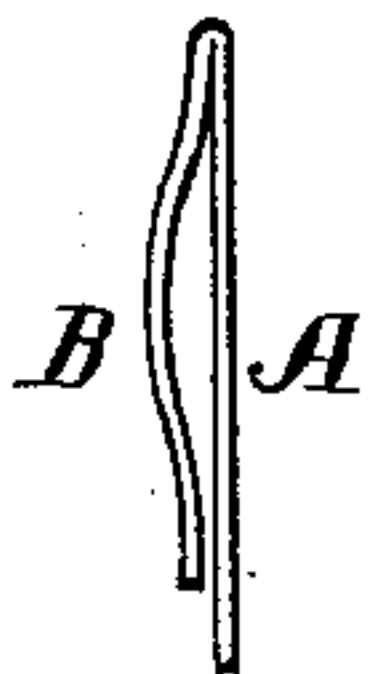


Fig. 7.

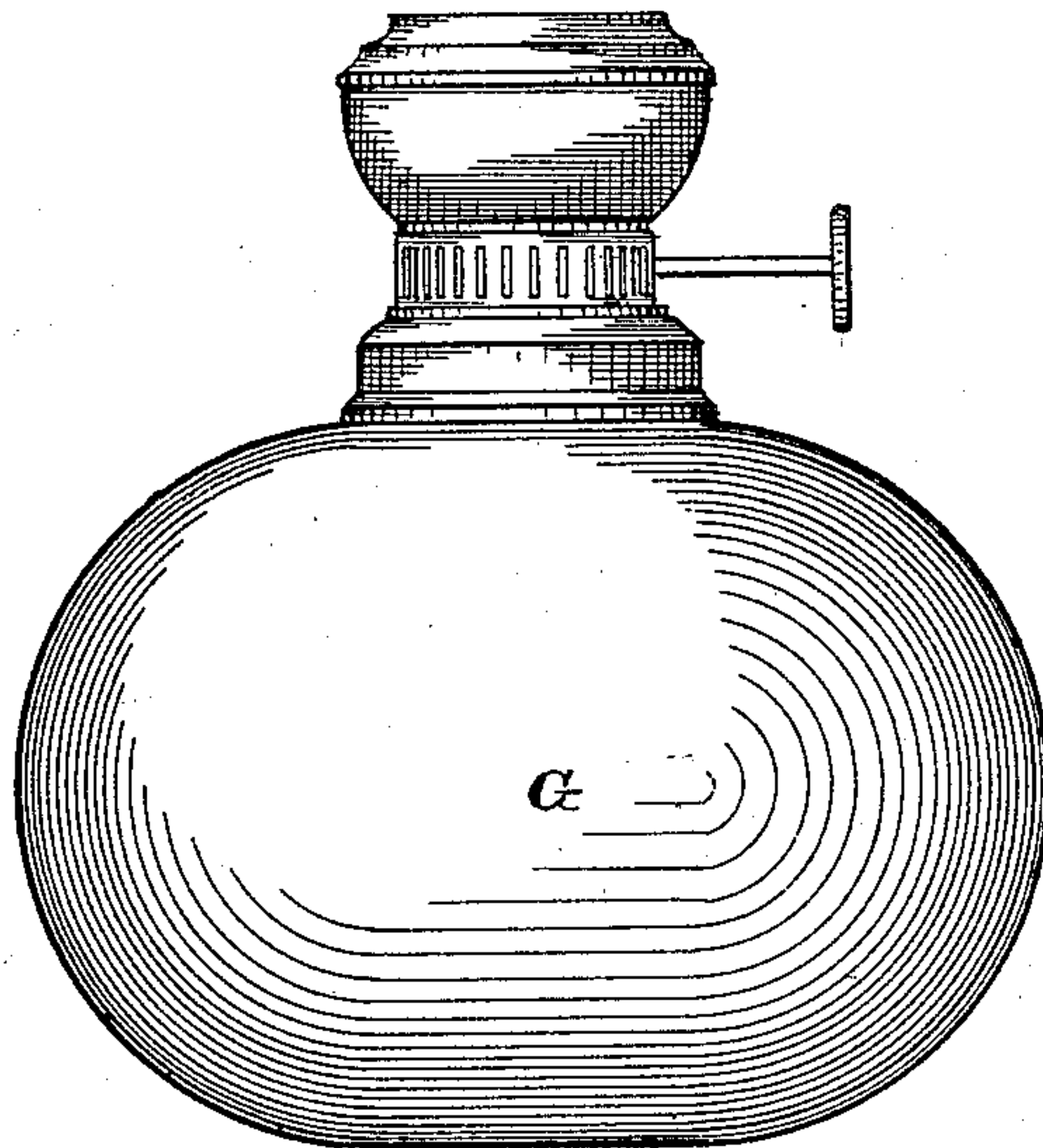
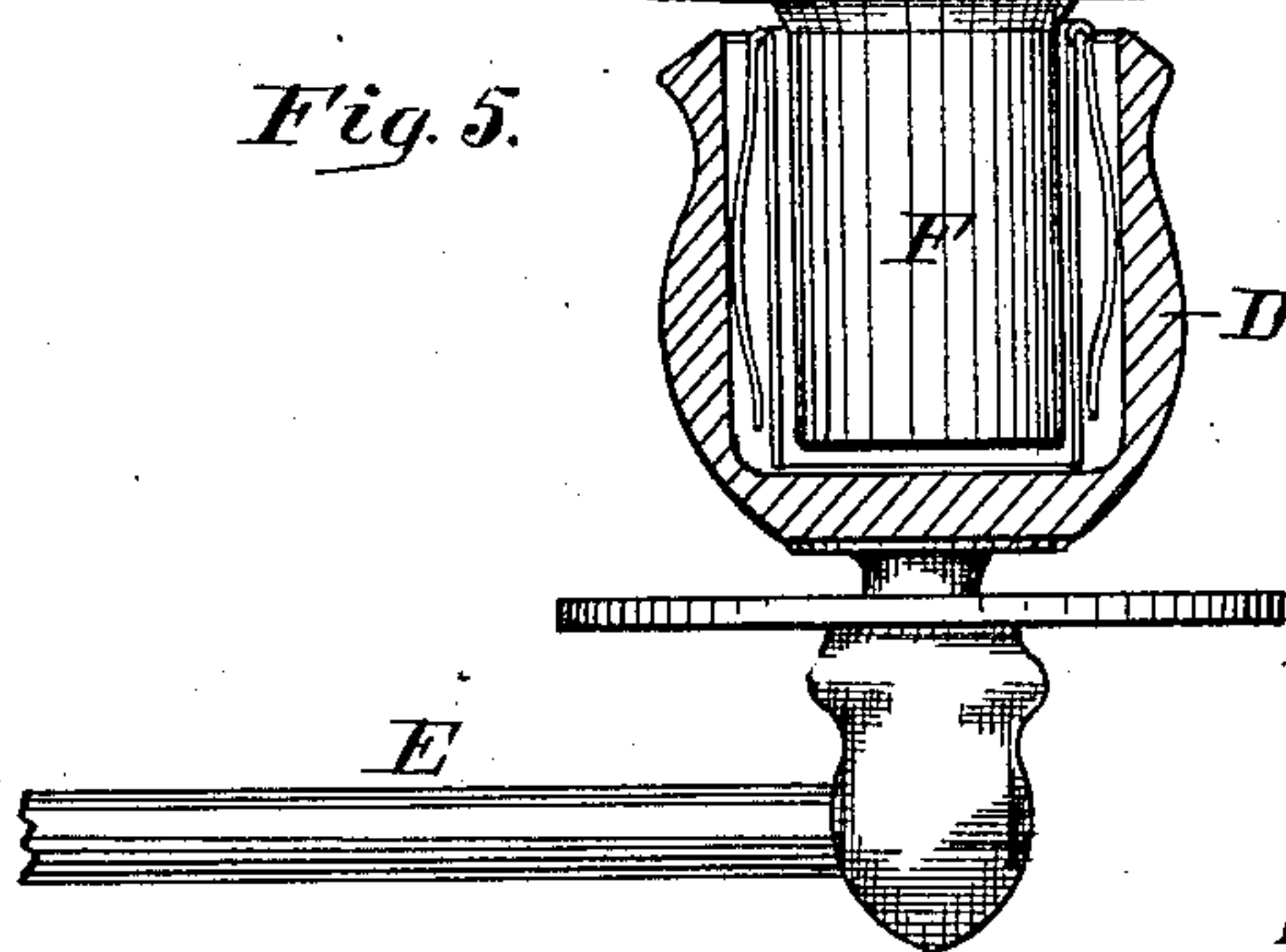


Fig. 5.



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UNITED STATES PATENT OFFICE.

JULES DARDONVILLE, OF NEW YORK, N. Y.

TUBE FOR HOLDING LAMPS IN SOCKETS.

SPECIFICATION forming part of Letters Patent No. 452,364, dated May 19, 1891.

Application filed July 3, 1890. Serial No. 357,597. (No model.)

To all whom it may concern:

Be it known that I, JULES DARDONVILLE, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Tubes for Holding Lamps in Sockets, of which the following is a specification.

Figure 1 is a view of the blank which forms the tube-holder for lamps; Fig. 2, a perspective view of the same, bent into the form of a tube; Fig. 3, a top view of the tube; Fig. 4, a side view of the same with the fingers turned down on the body of the tube; Fig. 5, a view of the lamp with the candle-socket and the tube-holder in section, showing the relative positions and applications of the same; Fig. 6, a view of the blank, Fig. 1, showing the fingers turned down preparatory to bending into the tubular form shown in Fig. 4; and Fig. 7 an edge view of Fig. 6.

The object of my invention is to provide an appliance whereby lamps can be readily attached to the ordinary candle socket, holder, or stand, or to brackets or candelabras which were originally designed to hold candles; and it consists of a tube, the diameter externally of which is smaller than the diameter of the socket in which the candle is placed, and on the exterior surface of this tube are two or more bent spring-fingers, whereby when the same is placed in the candle-socket the tube is rigidly held in position. On the base of the lamp is a stem which tightly fits into the tube, and this latter article, which is the subject of this invention, really forms the connecting device between the candle-socket and the lamp for the purpose of securing and holding the lamp in the candle-socket, all of which will now be set forth in detail.

In the accompanying drawings, A represents a rectangularly-shaped piece of the sheet metal, preferably of material such as spring-brass, on one side of which are four fingers B, as shown in Fig. 1.

In the process of manufacturing the holder a tube may be employed instead of the sheet metal, and the fingers B turned down over the body, as shown in Fig. 4, a narrow band C being turned over to afford rigidity to the fingers, and also to furnish a neat and workmanlike finish to the upper end of the tube. In cases where the tube is formed of sheet metal the blank, after being stamped out, as shown in Fig. 1, has its upper end bent down, as illustrated in Fig. 6, and afterward formed into a tube, and the uniting ends soldered, as shown in Fig. 3. The diameter of this tube is exteriorly less than the diameter of the candle-socket D, which is attached to the arm or bracket E, and when the tube-holder is placed in this socket the outwardly-bulging fingers B bind against the walls of the socket and hold the tube firmly therein. The tube itself is designed to receive a stem F, which is attached to the base of the lamp G. The socket D is such as is usually employed for holding candles, and this invention enables me to attach a lamp to the socket, as shown in Fig. 5.

It is not essential that the tube should be made of metal, as it is obvious that it can be constructed of any other material which has spring or elastic fingers B to bind against the walls of the socket.

What I claim as new is—

As a new article of manufacture for holding lamps in sockets, a solid tubular shell having at its upper end a narrow downturned band or rim, and projecting from said rim the spring-fingers integral with said rim, substantially as herein set forth.

Signed at New York, in the county of New York and State of New York, this 7th day of April, A. D. 1890.

JULES DARDONVILLE.

Witnesses:

ARTHUR FOWLER,
HERMAN JOSEPH.