

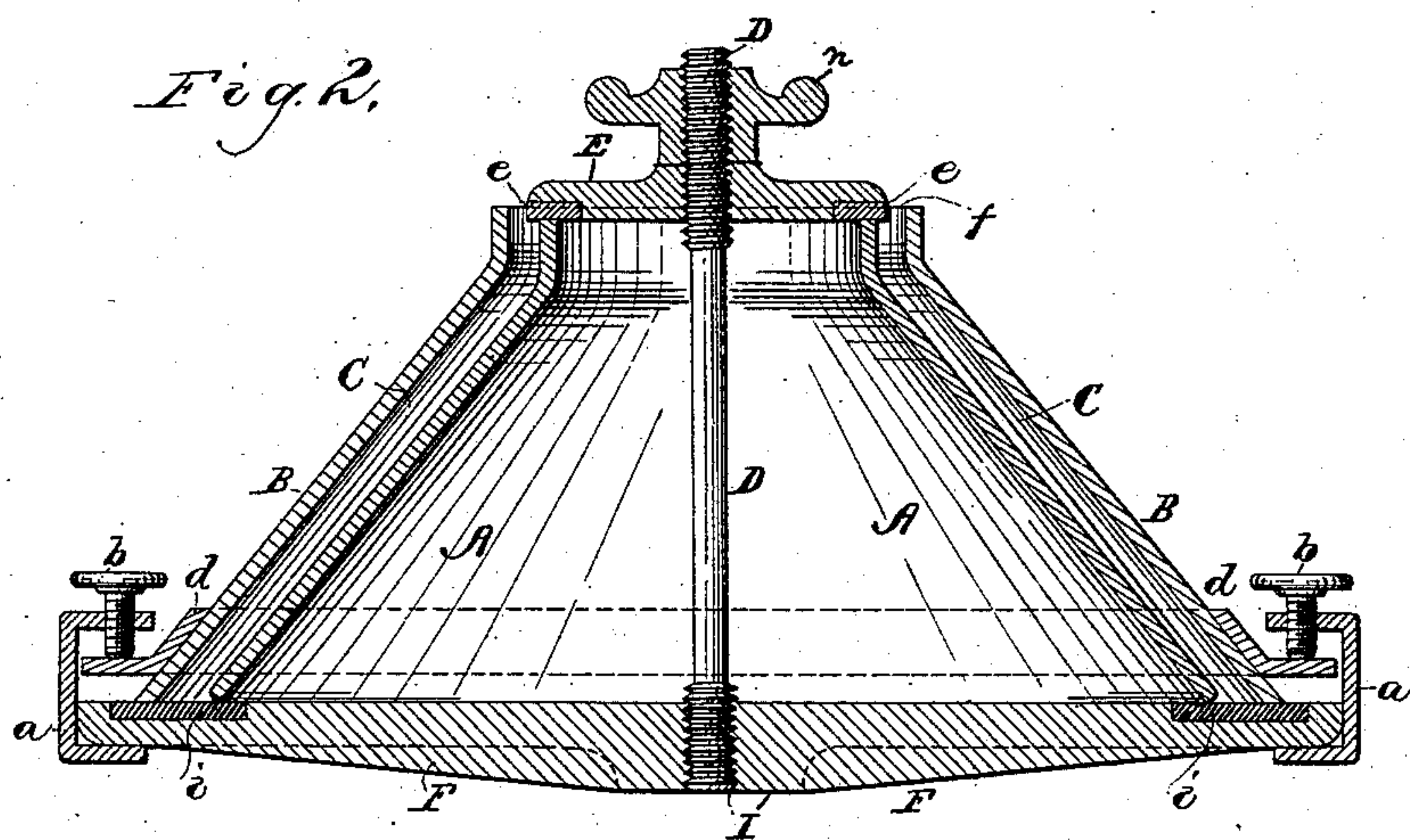
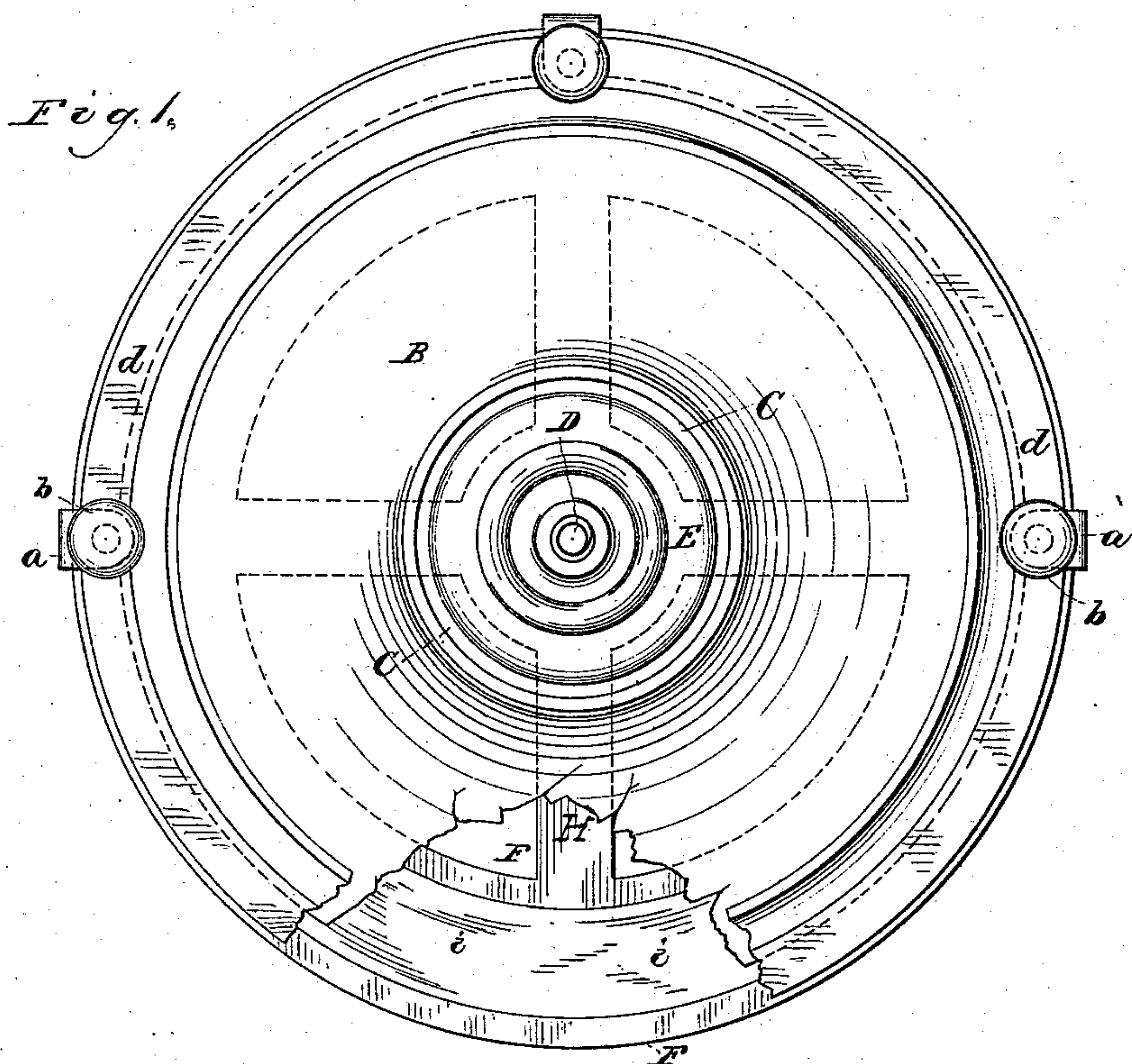
(No Model.)

J. DABLE.

APPARATUS FOR COATING LAMP SHADES WITH SILVER.

No. 287,636.

Patented Oct. 30, 1883.



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JOHN DABLE, OF CHICAGO, ILLINOIS.

APPARATUS FOR COATING LAMP-SHADES WITH SILVER.

SPECIFICATION forming part of Letters Patent No. 287,626, dated October 30, 1883.

Application filed July 26, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOHN DABLE, of the city of Chicago, county of Cook, and State of Illinois, have invented certain Improvements in Apparatus for Coating Lamp-Shades with Silver, of which the following is a specification.

My said invention will be hereinafter fully described with reference to the accompanying drawings, in which—

Figure 1 represents a plan of my apparatus for applying the compound for silvering a glass shade, with a portion of the outer shell broken away in order to display the rubber gasket *i* in position in its recess in the circular portion of the frame F, and one of its radial arms H; and Fig. 2, a central vertical section of the whole apparatus, including the shade to be silvered.

The letter A indicates the shade, which is blown of glass, in one piece, and its lower edge rests upon the rubber gasket *i*, which is in annular form, and is seated in a recess of like form in the circular portion of the frame F, as shown; and *e* is a like annular gasket or collar, which is provided with a proper seat in the cap E, and is pressed down upon the upper edge of the shade, so as to make a liquid-tight joint therewith, by the cap E, the screw-shaft D, and its nut *n*. The lower end of the screw-shaft D is provided with a thread, and is screwed into the threaded hole in the center piece, I, of the frame.

B is an outer shell, made of wood or other suitable material, made to surround the shade, with its lower edge upon the rubber gasket *i*, so as to leave the space C between it and the shade, with openings *f* above, through which to pour the compound for silvering the shade.

d is a ring adapted to fit down on the out-

side of the lower edge of the jacket or shell B, and *a* is a circular clamping-frame, provided with binding-screws *b*, by means of which the lower edge of the jacket B is compressed with the force required between the main frame and the ring *d*, to make a liquid-tight joint between the shell and the gasket.

No claim is made herein for the compound to be used in silvering the shade, and when the space C is filled with the same the whole apparatus is sunk into water heated to 120° Fahrenheit, in order to heat the glass shade from the outside; and after so remaining for twenty minutes the shade is removed and washed, after which it is provided with a protecting coating of asphalt and benzine-varnish. Then it may be provided with a suitable metallic jacket; but no claim is made herein for such jacket, that having been described and claimed in a pending application for Letters Patent.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The frame F, having the described annular recess for the gasket *i*, and the center piece provided with a screw-hole, substantially as and for the purpose described.

2. The combination of the clamping-frame *a*, provided with the thumb-screws *b* and ring *d*, adapted to compress the lower edge of the jacket B and hold the same down upon the gasket *i*, substantially as described.

3. The combination of the screw-shaft D and the nut *n*, cap E, and ring *e*, adapted to make a liquid-tight joint with the upper edge of the shade, substantially as described.

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