

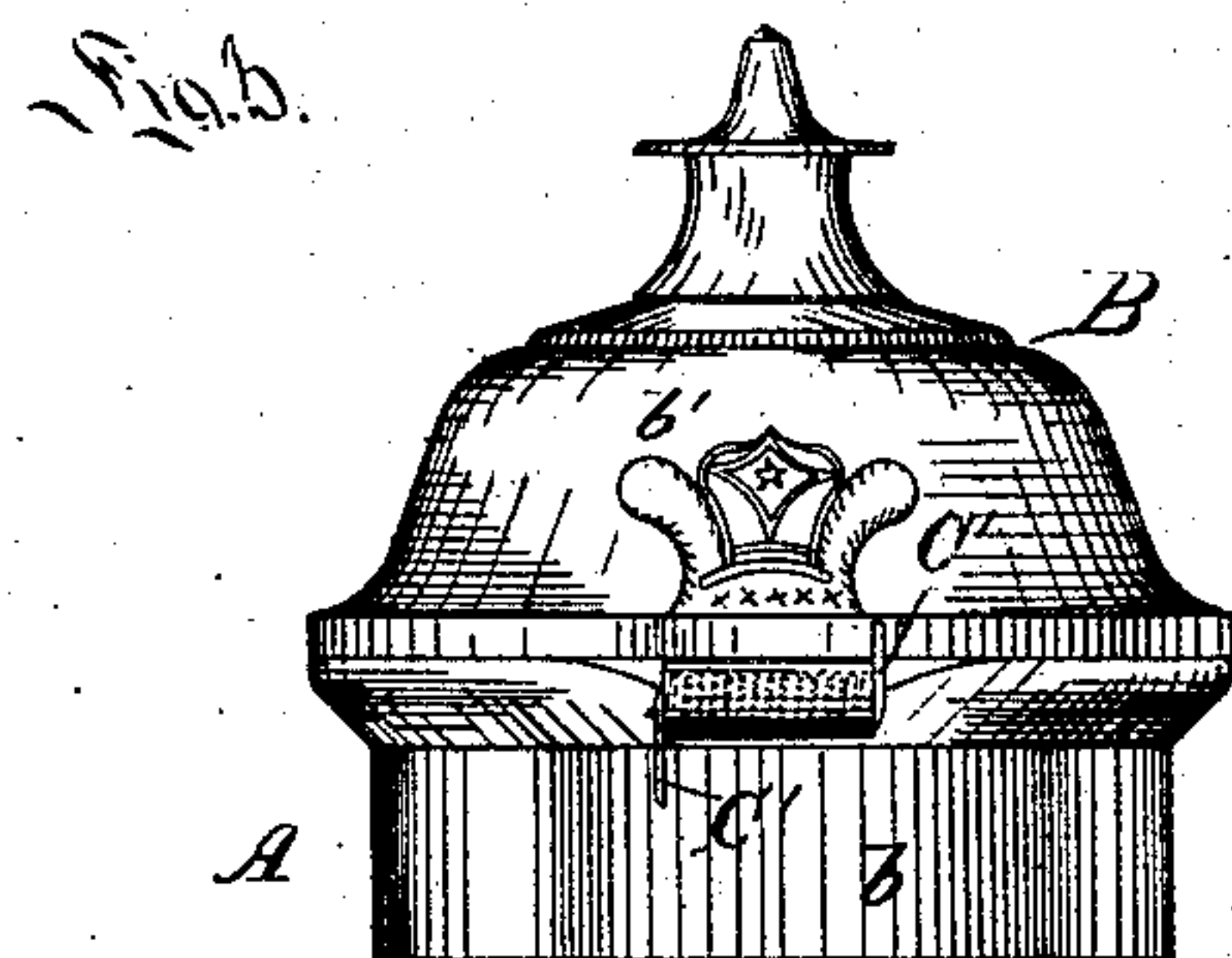
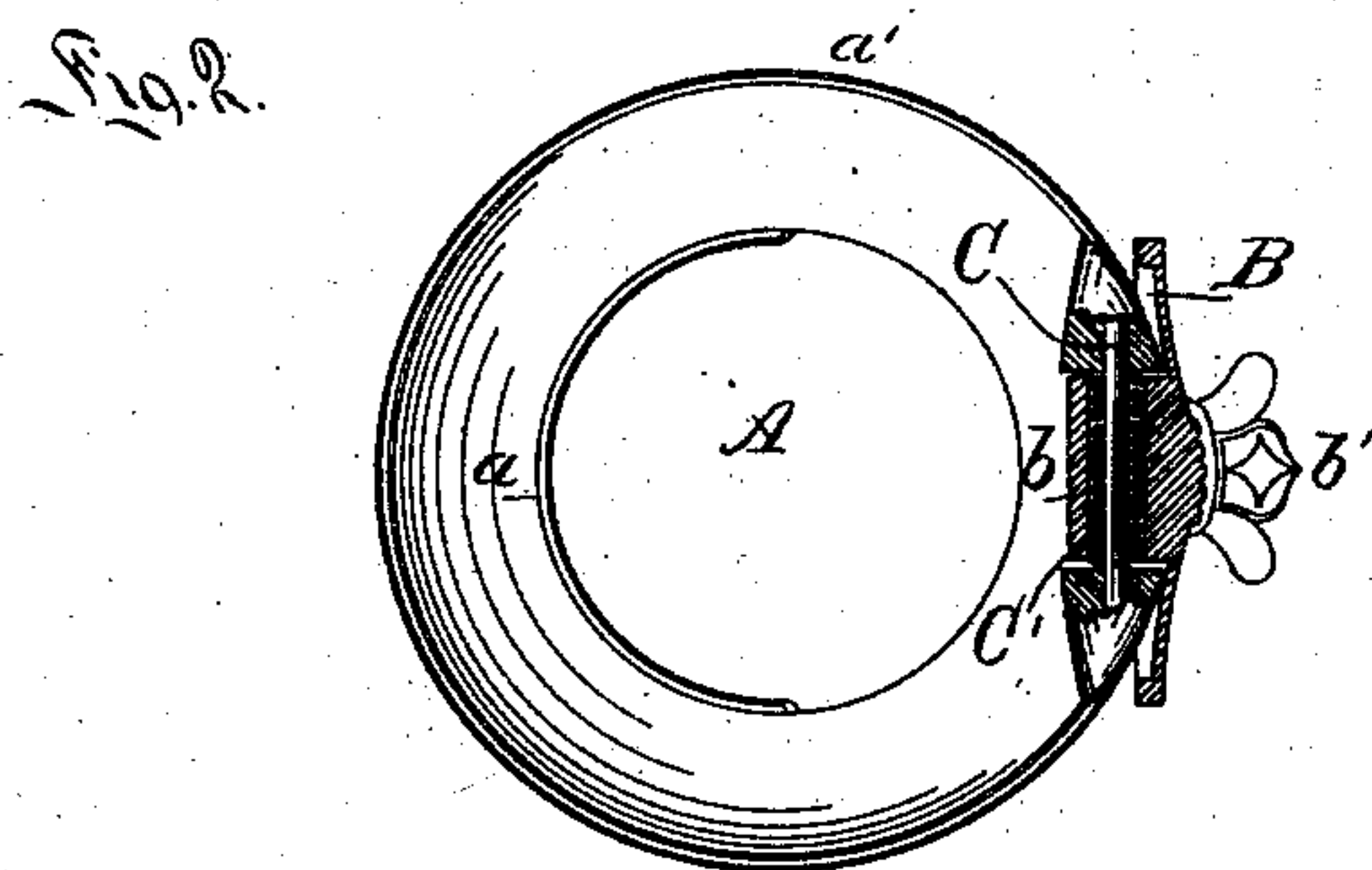
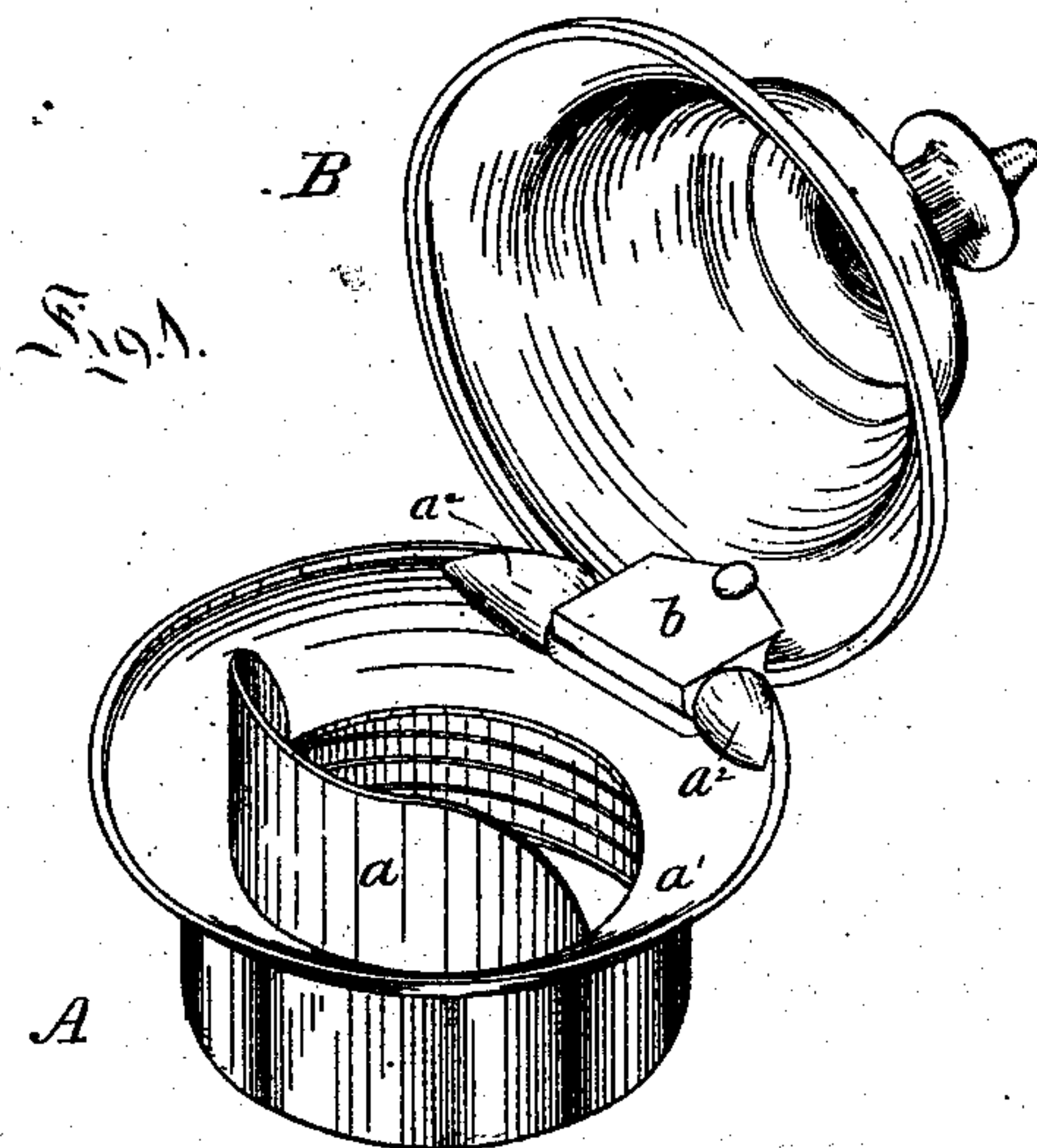
(No Model.)

G. P. LANG & P. LAUSTER.

JUG TOP.

No. 292,660.

Patented Jan. 29, 1884.



Witnessed
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UNITED STATES PATENT OFFICE.

GEORGE PH. LANG AND PETER LAUSTER, OF ALLEGHENY, PENNSYLVANIA.

JUG-TOP.

SPECIFICATION forming part of Letters Patent No. 292,660, dated January 29, 1884.

Application filed September 19, 1883. (No model.)

To all whom it may concern:

Be it known that we, GEORGE P. LANG and PETER LAUSTER, citizens of the United States, residing at Allegheny, county of Allegheny, State of Pennsylvania, have invented or discovered a new and useful Improvement in Jug-Tops; and we do hereby declare the following to be a full, clear, concise, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—like letters indicating like parts—

Figure 1 is a view in perspective of a jug-top embodying our invention; Fig. 2, a plan view of the same with the hinge in section; and Fig. 3 a side view, in elevation, of the same.

Our improvements consist in a novel construction and combination of the cap-piece, cover, and closing-spring, whereby the latter is inclosed and protected from contact with the liquid contained in the jug, and a cap-piece of symmetrical contour, which can be readily finished and is free from projection, is provided.

The improvements claimed are hereinafter fully set forth.

In the practice of our invention, we provide a cap-piece, A, adapted to fit the mouth of a jug or pitcher, and having a lip or spout, *a*, and a dished rim or flange, *a'*, which forms a drip-cup below and around the lip *a*. The cover B is made of any suitable ornamental form, and corresponds in contour at bottom with the rim *a'* of the cap-piece. A lug or hinge piece, *b*, is cast upon or secured to the bottom of the cover B, just within the periphery thereof, and in such position thereon that when the same is in desired operative relation to the cap-piece the hinge-piece *b* shall enter and fit freely in a recess formed in the periphery of the cap-piece A. At each end of said recess there is located a socket, *a''*, the opening of which is suited to serve as one of the bearings of a hinge pin or pintle, C, by which the cover is connected to the cap-piece. The opening in the hinge-piece *b*, through which the pin C passes, is made of sufficient diameter to admit a helical closing-spring, C', which surrounds said pin, and is inclosed within the hinge-piece, except for a short distance at and near its ends, one of which pro-

jects downwardly, and bears against the cap-piece, and the other, which projects upwardly at the opposite end of the hinge-piece *b*, bears against the outside of the rim of the cover, said spring thus acting to close and hold down the cover upon the cap-piece. A thumb-piece, *b'*, is secured to the outside of the cover above the hinge-piece *b*, by the application of pressure to which, in opposition to the tension of the closing-spring C', the cover is swung upon the hinge-pin when desired to be raised.

It will be seen that the spring C' being, except as to the small projections of its ends, completely inclosed in the opening of the hinge-piece, is fully protected from liability to breakage and from the access of the liquid; and, further, as the hinge-piece fits into and substantially fills the recess in the cap-piece, the latter, as also the cover, presents a symmetrical outline, and these pieces, having no external projections, are neat in appearance, and can be readily finished.

We are aware that closing-springs have been heretofore connected to the tops of jugs and pitchers, and do not therefore broadly claim such combination.

We claim herein as our invention—

1. A jug-top cover having a hinge-piece projecting downwardly from the inner portion of its rim, said hinge-piece having a single transverse opening adapted to receive a hinge-pin and a closing-spring surrounding said pin, substantially as set forth.

2. The combination of a peripherally-recessed cap-piece having sockets at the ends of its recess, a cover provided with a hinge-piece fitting within said recess, a hinge-pin passing through a transverse opening in said hinge-piece and fitting the sockets of the cap-piece, and a closing-spring within the opening of the hinge-piece, said spring surrounding the hinge-piece and bearing at its ends against the cover and cap-piece, substantially as set forth.

In testimony whereof we have hereunto set our hands.

GEORGE PH. LANG.
PETER LAUSTER.

Witnesses:

R. H. WHITTLESEY,
D. S. WOLCOTT.