

J.S. & T.B. Atterbury

Glass Pitcher.

N^o 75,110.

Patented Mar. 3, 1868.

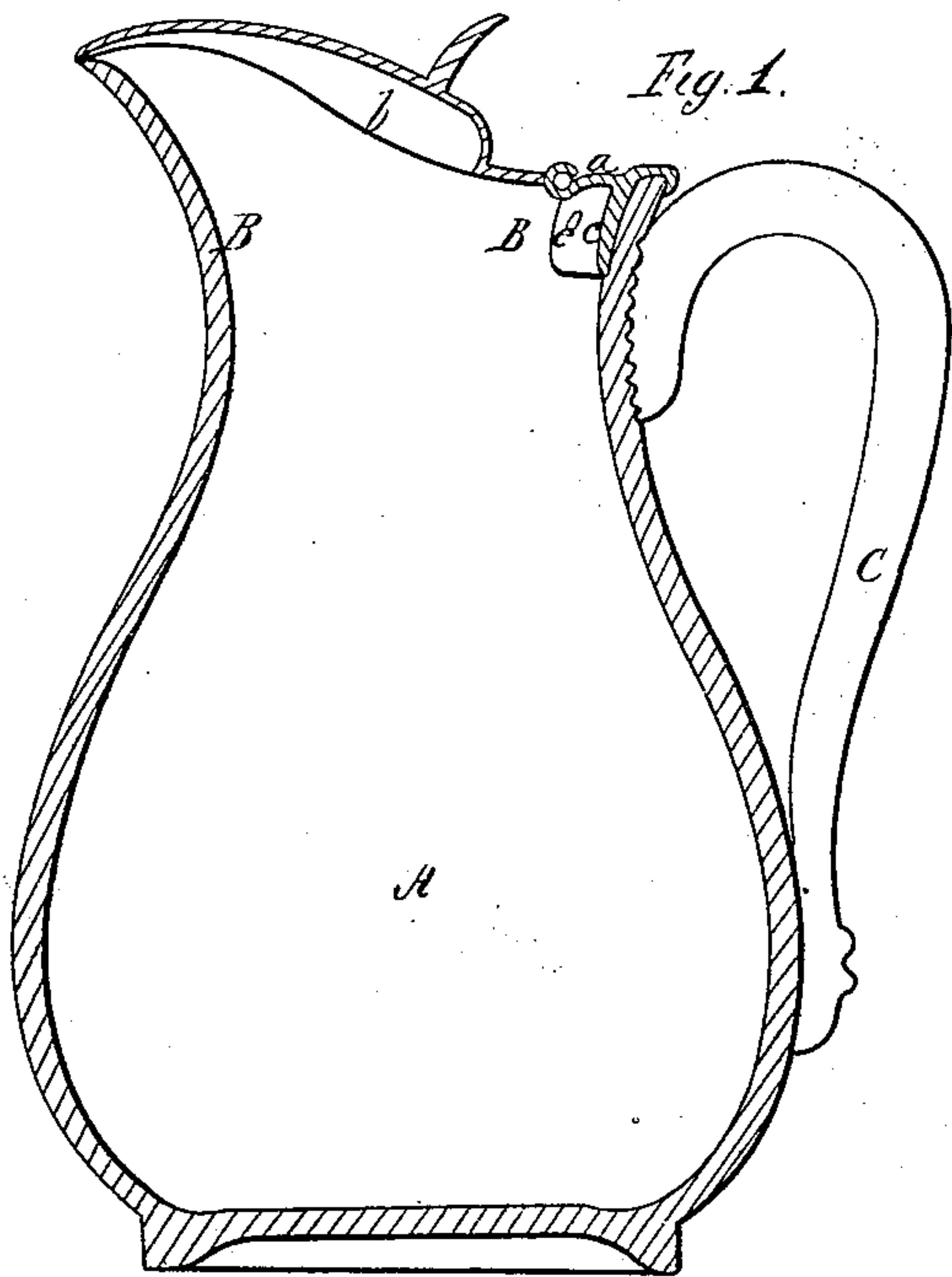


Fig. 1.

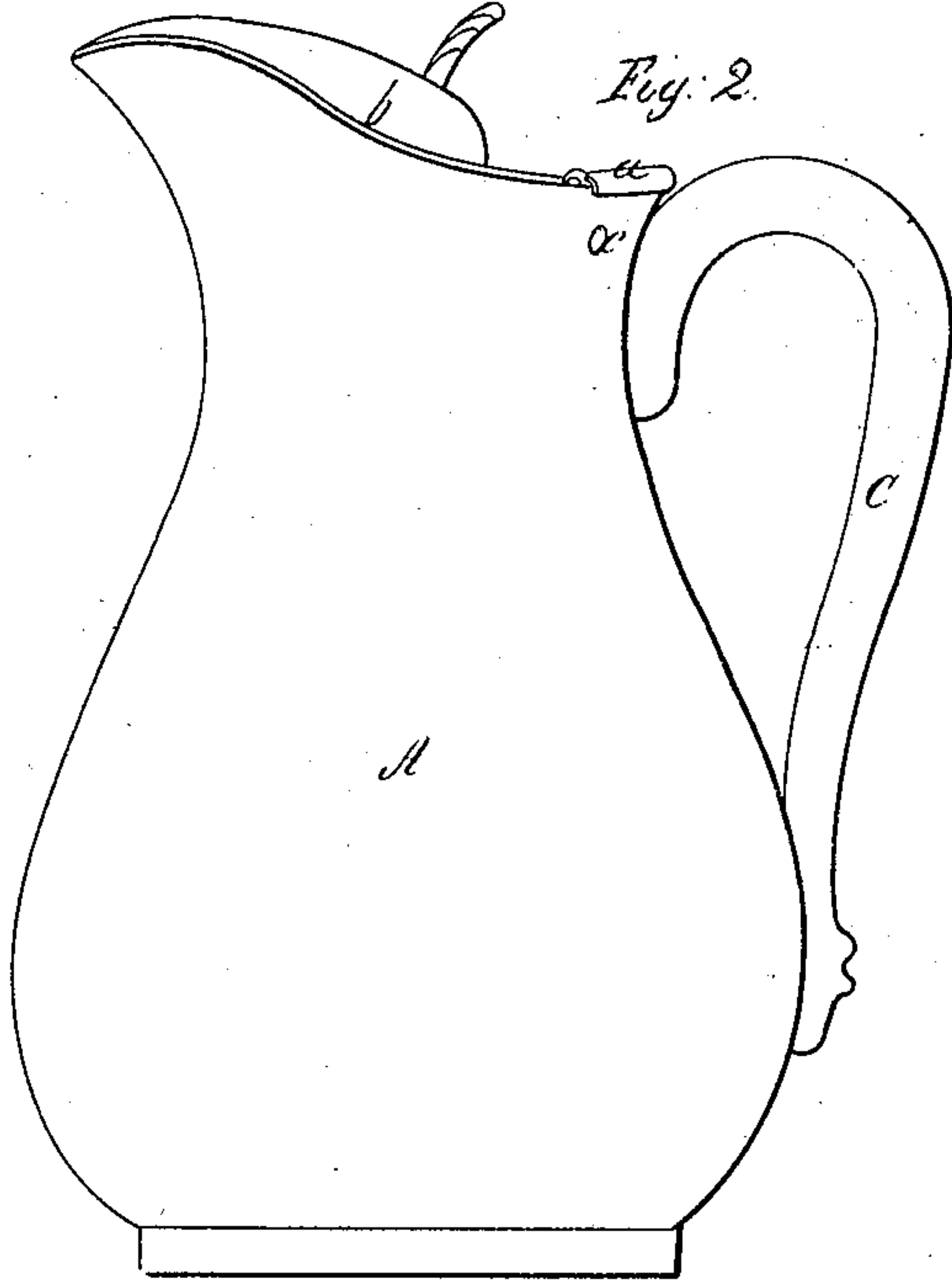


Fig. 2.

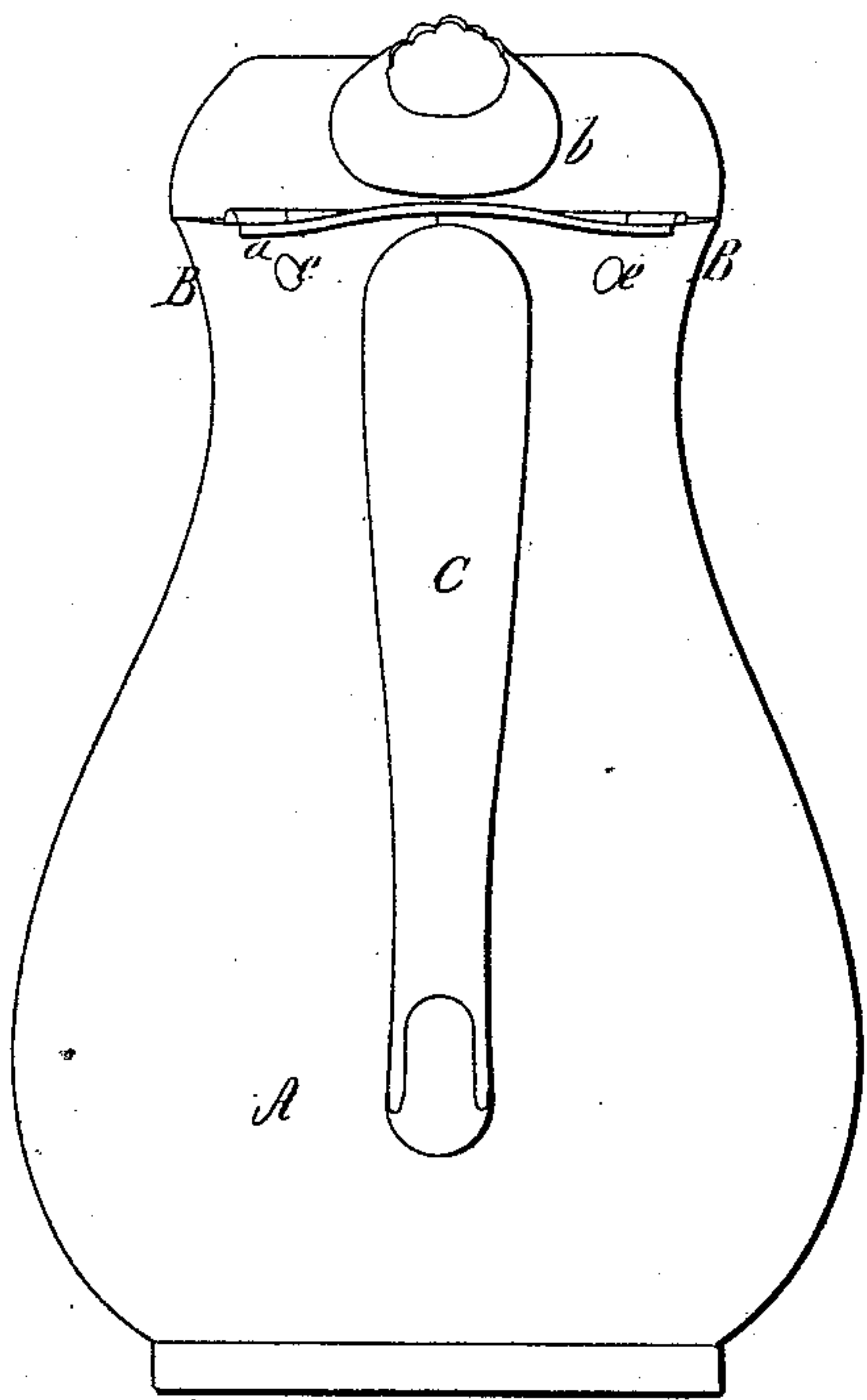


Fig. 3.

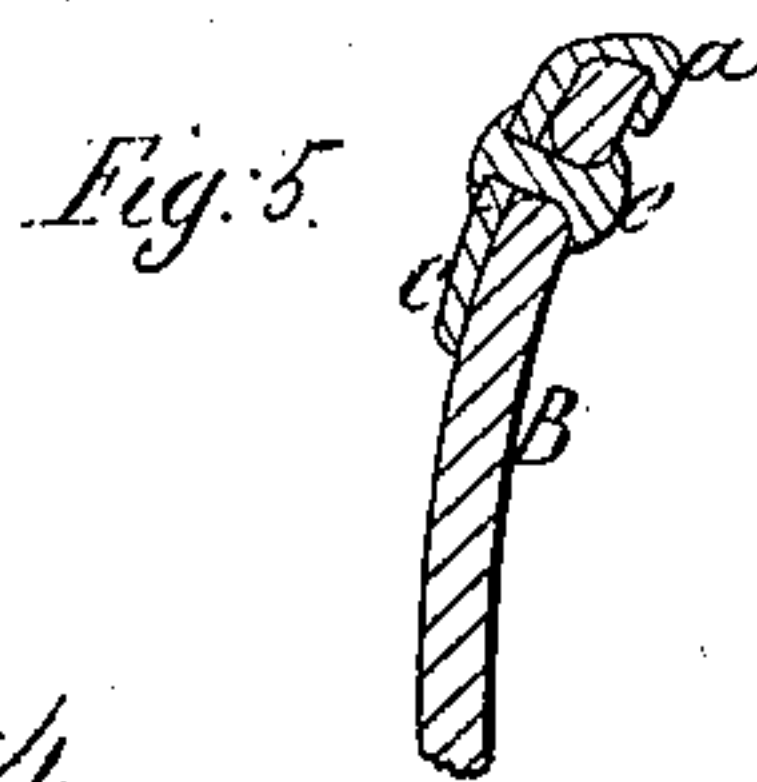


Fig. 5.

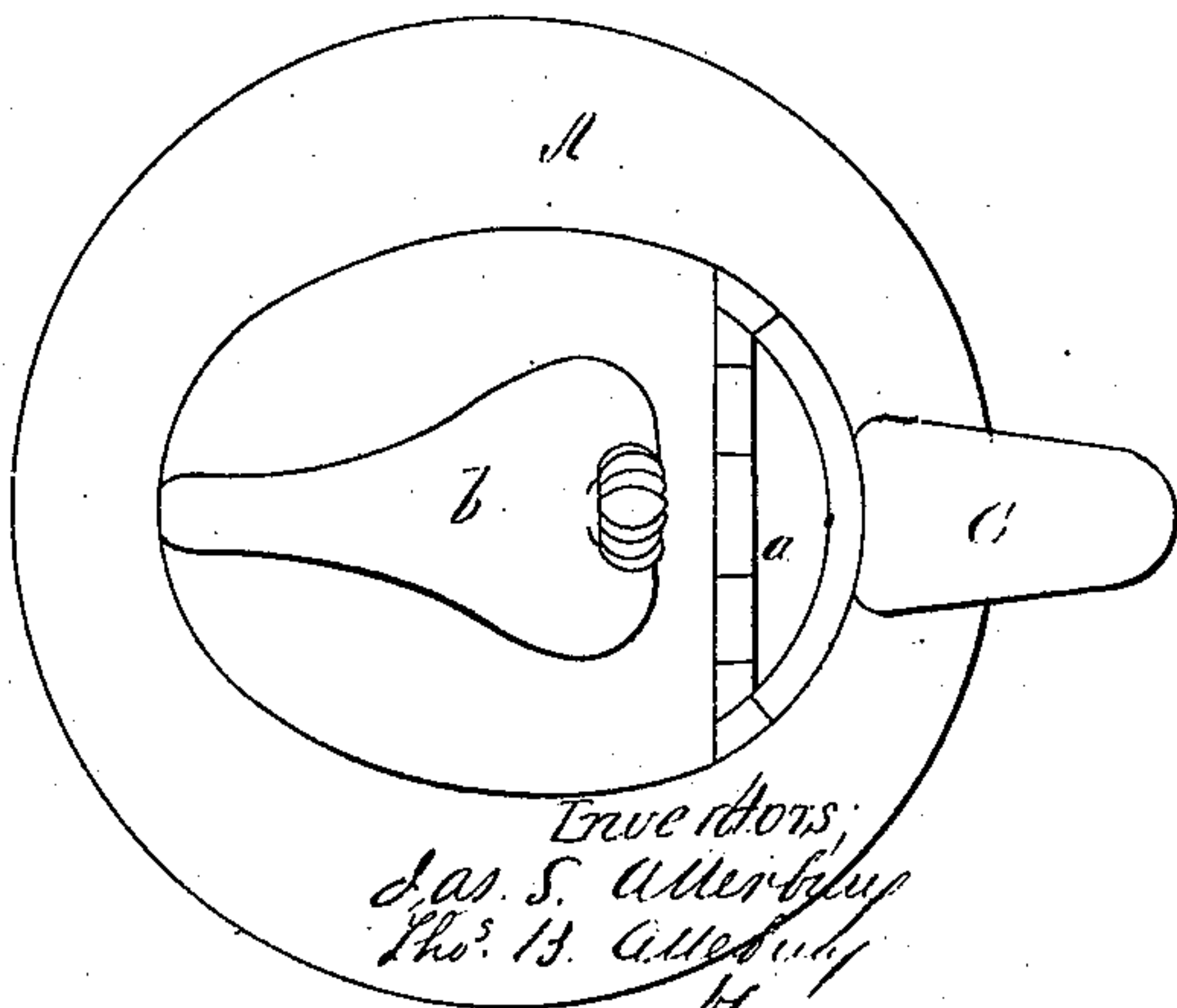


Fig. 4.

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JAMES S. ATTERBURY AND THOMAS B. ATTERBURY, OF PITTSBURG, PENNSYLVANIA.

Letters Patent No. 75,110, dated March 3, 1868.

IMPROVED MANUFACTURE OF GLASS-WARE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, JAMES S. ATTERBURY and THOMAS B. ATTERBURY, of Pittsburg, in the county of Allegheny, and State of Pennsylvania, have invented a new and useful Improvement in the Manufacture of Glass Ware; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is vertical central section through a sirup or cream-pitcher constructed by our improved method.

Figure 2 is a side view of the improved pitcher.

Figure 3 is an elevation of the back part of the pitcher.

Figure 4 is a top view of the same.

Figure 5 is a sectional view of a portion of a pitcher, taken through one of the rivet-holes.

Similar letters of reference indicate corresponding parts in the several figures.

The object of this invention is to produce a new and improved molasses or cream-pitcher, of glass, by blowing the glass in a mould, with the mouth or lip complete, and with perforations through it, by means of which a metallic hinged cover or lid can be readily and permanently secured to the pitcher, and fitted to the mouth thereof, so as to produce a neat and perfect job, as will be hereinafter described.

To enable others skilled in the art to understand our invention, we will describe its construction and operation.

In the accompanying drawings, A represents the body of the pitcher, which is constructed with a flaring top, having a lip or mouth, B, by blowing glass into a mould, which will produce such form as I have represented in the drawings, or substantially this form. In producing this pitcher we make indentations in it near its flaring upper edge, and at a suitable distance apart, on each side of the point, for attaching the handle C. These indentations may be produced by having pins or pointed studs upon the mould, in such positions as will leave such impressions in proper place after the act or operation of blowing. It is not expected that the pins or studs upon the moulds will leave holes through the pitcher, but they will leave the glass so thin at proper points to make the holes, that with a sharp instrument the glass can be readily and safely perforated.

The handle C may be stuck to the pitcher in any suitable manner, after which the metallic cover is fastened in its place. This cover consists of a fixed section, *a*, and a hinged section, *b*. The section *a* is constructed with a lip, *c*, which extends below the cover portion, and is fitted snugly in contact with the mouth of the pitcher, inside thereof, as shown in fig. 1. Through this internal lip, *c*, holes are made, so as to be opposite the holes which are made through the glass, as above described, and through these holes soft metal rivets *e e* are passed, which have heads on their outer ends, and which are firmly secured in place by means of a soldering-iron, which will melt the inner ends of the rivets and head them, at the same time uniting the ends to the inside of the lip *c*, as shown in figs. 1 and 5. This will make a firm and substantial fastening, which is much neater and better than the old mode of using cement for fastening on the covers.

By blowing the pitcher in a mould, and shaping the mouth and lip thereof in such mould, pitchers can be made of uniform shape and size, so that their covers can be readily fitted upon them.

By making the holes through the glass, by the method above set forth, there will be no danger of breaking the pitchers during such process, and the work can be speedily and neatly done, and by fastening on the cover of the pitcher with rivets, as described, a permanent attachment is readily effected.

Having described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. As a new article of manufacture, a pitcher, A B, produced by blowing the glass or other suitable material in a mould, and providing it with a metallic cover, substantially as described.

2. The method herein described of perforating glass pitchers and securing the covers upon them, substantially as described.

Witness our hands in matter of our application for a patent for improvement in manufacture of glass-ware.

Witnesses:

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