

D. C. Ripley.
Glass-Lamp.

N^o 73122

Patented Jan. 7, 1868.

Fig. 1

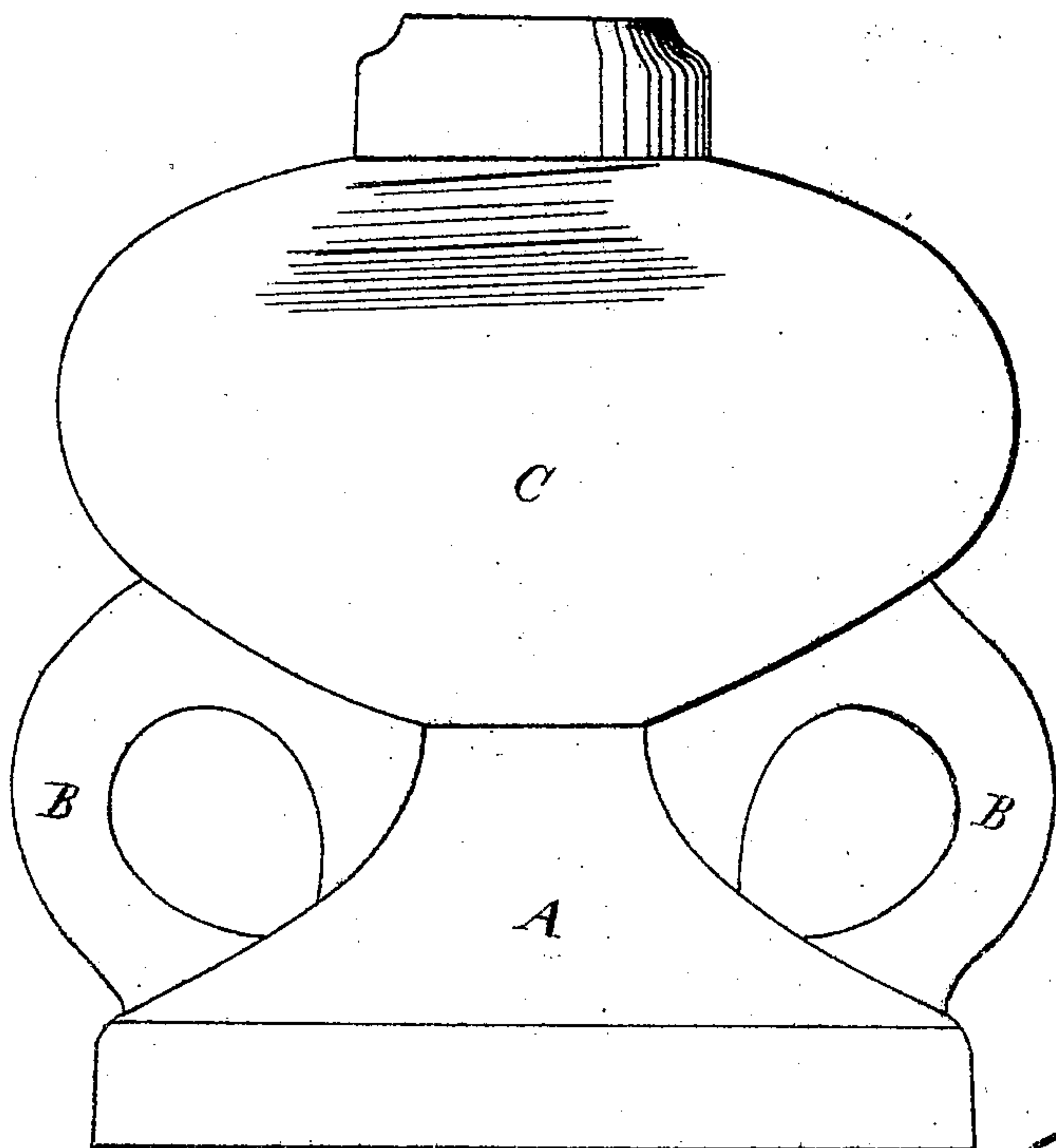


Fig. 2.

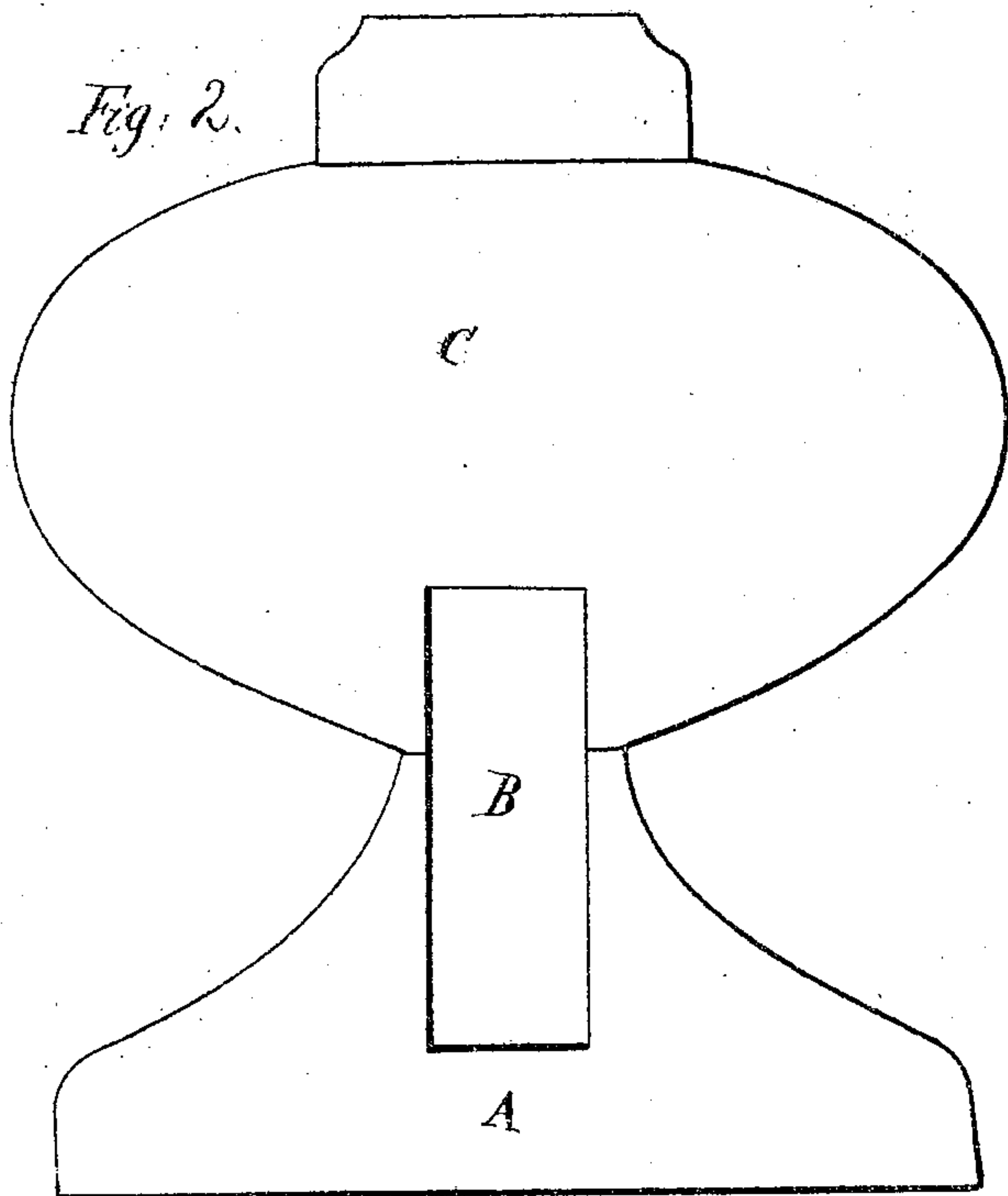
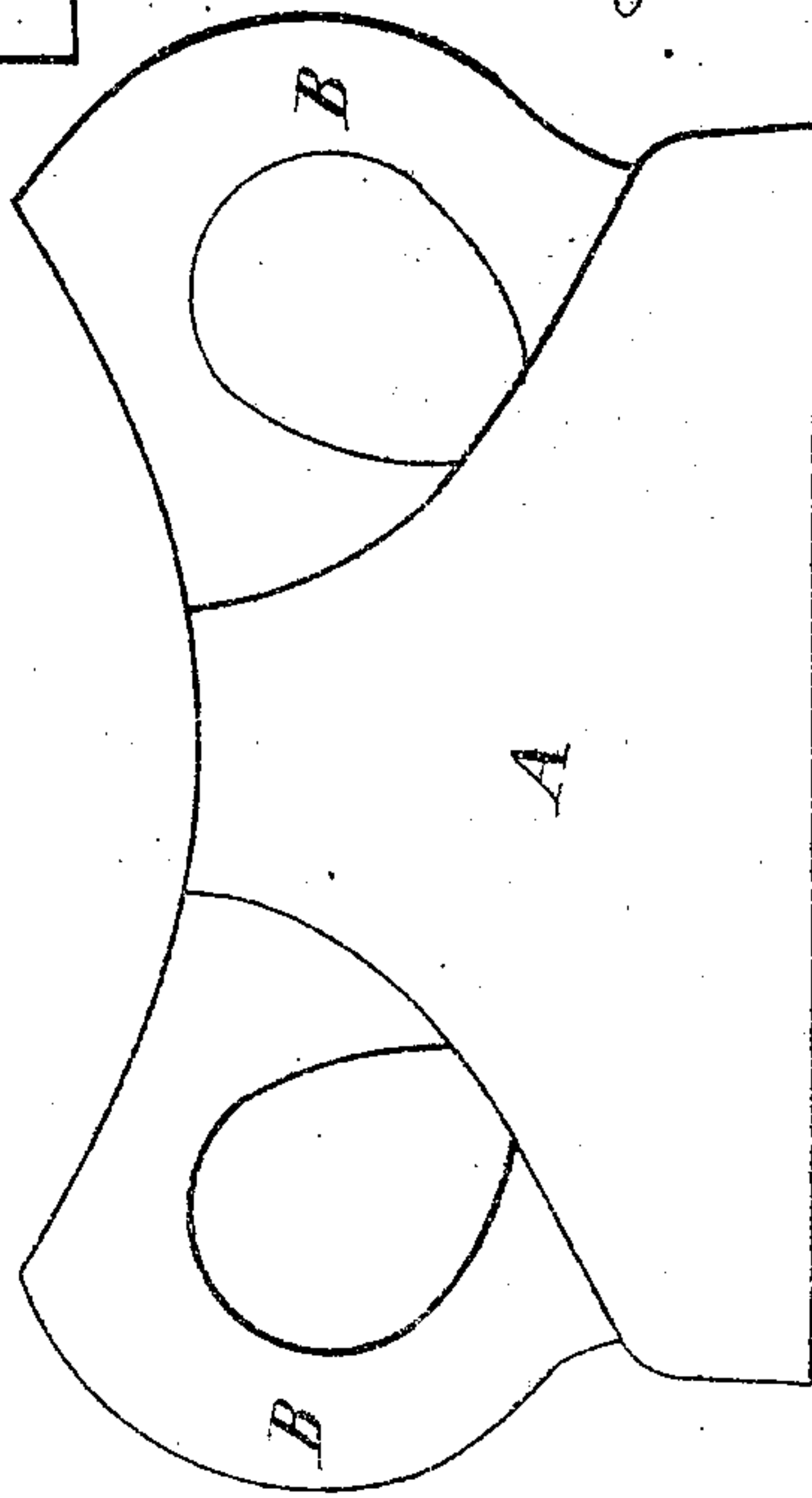


Fig. 3.



Inventor:

D. C. Ripley

Wm. Fenwick Lawrence,

Witnesses:

R. J. Campbell
E. A. Wood

United States Patent Office.

DANIEL C. RIPLEY, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR TO
RIPLEY & CO., OF THE SAME PLACE.

Letters Patent No. 73,122, dated January 7, 1868.

IMPROVED GLASS LAMP.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, D. C. RIPLEY, of Pittsburg, in the county of Allegheny, and State of Pennsylvania, have invented a new and improved Lamp; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a side elevation, showing both handles.

Figure 2 is a side elevation, showing an edge view of one handle only.

Figure 3 is a side elevation of the cast base and handles of the lamp.

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

This invention relates to a new and improved mode of producing hand-lamps, or lamps which are constructed with handles. It consists in producing the base and handle or handles by pressing the glass in suitable moulds, and then forming the bowl or fountain by blowing the glass upon said pressed base and handle or handles, thereby admitting of lamps being manufactured with great facility, and made much stronger than under the old process, as will be hereinafter described.

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

The drawings represent a glass lamp, which is constructed with a conical base, A, two handles, B B, which are diametrically opposite each other, and a hollow bowl or flattened globe, C. The glass base A, with the two handles B B, are produced in one piece by the well-known process of pressing the glass in a suitable mould. This gives a very strong and substantial base-support to the lamp, and by this process the parts represented in fig. 3 can be made in one piece, and with great facility. The bowl C is then produced by blowing it upon the upper edges of the handles and base.

It will be seen, by reference to fig. 3, that the upper edges of the handles B are formed so as to leave a seat, into which the base of the bowl is received. Thus the handles are made to serve as a support for and a means of securing the bowl to the base.

I have shown in the drawings a lamp, having two handles cast or pressed on the base A, and arranged diametrically opposite each other, and I prefer to construct my lamps in this manner, for convenience in handling them, and passing them from one person to another. By having two handles, it will, under no circumstances, be necessary to grasp the lamp by its bowl or conical base, as the lamp can be taken from a person's hand by the handle which is opposite that held by such person; consequently, lamps of this kind, viz, with two handles, will not be liable to fall from the hand, and it will not be necessary to soil the fingers with oil, which is usually on the bowls of lamps.

I do not desire to confine my process of making the lamps to the two handles, although greater strength is obtained by having two handles, and by my process two handles can be made nearly as quick and as cheap as one.

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

A lamp, which is constructed with a pressed base, A, and one or two handles, B, and a globe, C, blown thereupon, substantially as described.

Witness my hand, in the matter of my application for a patent for an improved lamp.

DANIEL C. RIPLEY.

Witnesses:

A. B. STEVENSON,
PHILIP HOERR.