

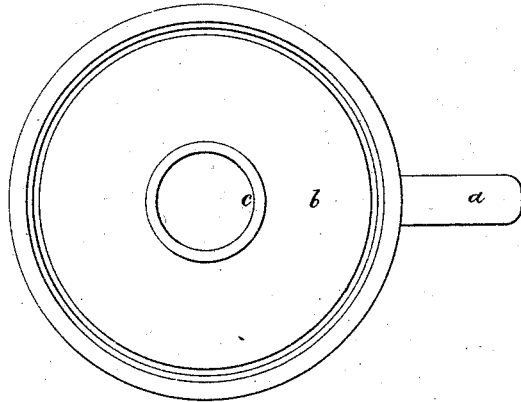
E. J. MURPHY.

LAMP.

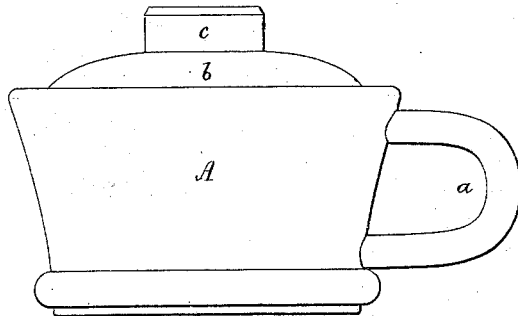
No. 184,293.

Patented Nov. 14, 1876.

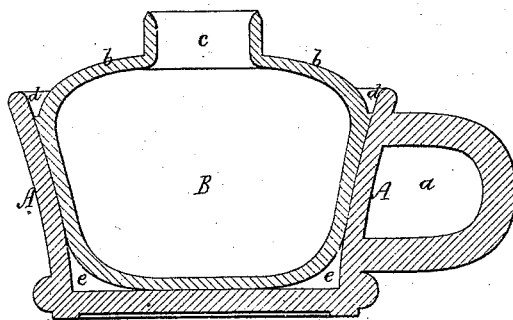
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses.  
*S. W. Cohen*  
*J. R. Snow*

Edward J. Murphy  
*by his attorney.*  
*R. Eddy*

# UNITED STATES PATENT OFFICE.

EDWARD J. MURPHY, OF BOSTON, MASSACHUSETTS.

## IMPROVEMENT IN LAMPS.

Specification forming part of Letters Patent No. 184,293, dated November 14, 1876; application filed October 6, 1876.

*To all whom it may concern:*

Be it known that I, EDWARD J. MURPHY, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Glass Lamps, or other articles of like character, and in the art of making the same; and do hereby declare such to be described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a top view, Fig. 2 a side elevation, and Fig. 3 a transverse section, of a lamp of my improved kind.

It is composed not only of a pressed glass saucer or bowl, A, with or without a handle, *a*, but of a separate-blown glass fountain, B, provided with one or more necks, and formed by being blown within the bowl or saucer, so as to be encompassed thereby and united thereto, while both are in a heated state.

In the art or process of making the lamp, the saucer or bowl A is first to be formed of, and by pressing, a mass of molten glass in a mold of suitable shape and construction. Having removed from the mold the plunger for forming the interior or chamber of the saucer or bowl, and substituted therefor a suitable mold for forming the crown or arch *b* of the fountain with its neck *c*, a mass of glass on the end of a blow-pipe is to be inserted within the mold, and also in the heated pressed saucer or bowl therein, and blown as a hollow vessel into such saucer or bowl, so as to be encompassed thereby and united thereto. The bowl is to project above the base of the arch in manner as represented at *d*, and the said arch, besides its neck at the crown or center of it, may have an auxiliary neck aside of or near the main neck, such auxiliary neck being for enabling a person to introduce oil through it into the lamp. The part *d* of the bowl, which extends above the fountain, forms, with the arch thereof, a trough to catch or intercept the waste oil, and prevent it from running

down upon the outer surface of the bowl. The saucer or bowl may be made with a handle, *a*, such handle being formed in the mold at the same time of the formation of the bowl; or such bowl may be without any such handle, and be constructed with a stem or foot projecting down from its bottom. In a lamp so constructed there will generally if not always be an annular space or chamber, *e*, between the bottoms of the vessels A B, and encompassing the union of such bottoms.

I do not claim a lamp made as shown in the United States Patent No. 35,429, which has no waste-oil-intercepting trough, or no extension of the bowl above the fountain, so as to form therewith such a trough.

By the above-described mode of making a lamp, one can be produced very cheaply, comparatively speaking.

I claim—

1. The improvement, substantially as described, in the art of making a glass lamp or other article of like character, such consisting in pressing a mass of molten glass in a mold, so as to give such mass the form of a saucer or bowl, and next, while such bowl may be in a heated state, and within its mold, blowing within it a glass fountain or vessel, substantially as set forth, so as to cause the saucer or bowl to surround and adhere to the said fountain or vessel, and extend above such, all substantially as shown and described.

2. The new article of manufacture or glass lamp composed of the pressed or molded bowl or saucer A, and a blown-glass fountain or vessel B, the bowl, at its upper part or edge, being extended above the fountain, made and combined in manner and by means substantially as set forth.

EDWARD J. MURPHY.

Witnesses:

R. H. EDDY,  
J. R. SNOW.