(No Model.)

E. L. BRYANT.

LAMP FOUNT.

No. 263,474. Patented Aug. 29, 1882.

fig. 1

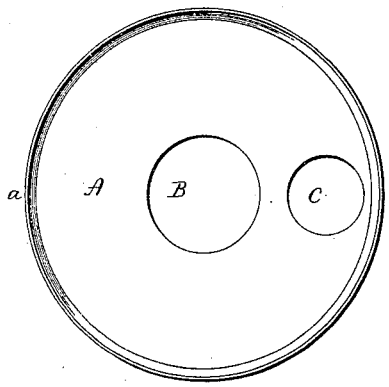


fig. 3

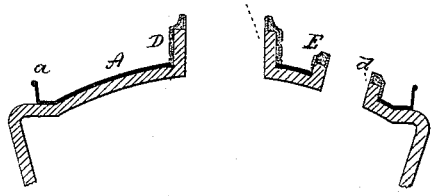
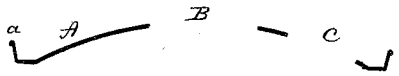


fig. 2



Witnesses.

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Jos. C. Earle

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UNITED STATES PATENT OFFICE.

EDSON L. BRYANT, OF ANSONIA, CONNECTICUT, ASSIGNOR OF ONE-HALF TO WALLACE & SONS, OF SAME PLACE.

LAMP-FOUNT.

SPECIFICATION forming part of Letters Patent No. 263,474, dated August 29, 1882.

Application filed June 19, 1882. (No model.)

To all whom it may concern:

Be it known that I, EDSON L. BRYANT, of Ansonia, in the county of New Haven and State of Connecticut, have invented a new Improvement in Lamp-Founts; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a top view of the covering-plate; Fig. 2, a transverse section; Fig. 3, a transverse section, showing the attachment of the plate to the lamp-fount.

This invention relates to an improvement in the construction and attachment of a metal covering-plate for glass lamp-founts, the object being to prevent the oil which escapes around the wick-opening or filler-opening from flowing down upon the surface of the fount; and it consists in a metal plate corresponding to the shape of the upper surface or top of the fount, having its outer edge turned up to form a flange, and with an opening at the center corresponding to the burner or wick opening, and a second opening corresponding to the filler-opening, secured upon the fount by means of the collar made detached from the plate, but so as to bear upon the surface of the plate when it (the collar) is secured in place, as more fully hereinafter described.

A represents the covering-plate, which is made from a disk of sheet metal struck up in shape corresponding to the upper surface or top of the fount, its edge turned up to form a flange, *a*, which flange prevents the oil which may flow upon the top of the plate from escaping beyond the flange. At the center of the plate A is an opening, B, corresponding to the flange *b* around the burner-opening, and so that the plate will pass freely over that flange and set down upon the surface of the fount. A second opening, C, is made in the plate, corresponding to the flange *d* around the filler-opening, and so as to set over that flange, as seen in Fig. 3. This completes the plate.

D represents the collar for the burner-opening, which is of usual construction, and so as to be set down close upon the upper surface of the plate around its central opening, as seen in Fig. 3, and when the collar is secured in place it serves to also secure the plate A in its place.

E is the collar for the filler-opening, also arranged upon the flange of that opening, and set down upon the surface of the plate to aid in securing the plate, the attachment of the collars being sufficient to hold the plate firmly in its position. Whatever drip there may be from the burner onto the top of the fount or from filling the lamp will be caught within the flange and there retained until it may be wiped away, thus protecting the lamp-fount from overflow of oil and its unavoidable consequences.

The plate may be constructed with either the burner or filler collars attached to it—that is to say, the filler-collar may be soldered to or formed as a part of the plate. The central collar, made independent of the plate and set into its position after the plate and so as to bear thereon, will be sufficient to retain it in its place.

I am aware that lamp-founts have been provided with an upwardly-projecting flange to prevent the overflow of oil from running down upon the fount, and that this has been accomplished in various ways. I therefore do not broadly claim such a flange; but

What I do claim is—

1. The covering-plate A, shaped corresponding to the top of the lamp-fount, its edge turned up to form the flange *a*, and with an opening corresponding to the flange around the burner-opening, combined with the burner-collar made independent of the plate, and secured to its flange and so as to bear upon said plate, substantially as described.

2. The combination of the plate A, shaped corresponding to the top of the lamp-fount, its edge turned up to form a flange, *a*, and with openings corresponding to the flanges around the burner and filler openings, with a collar upon one of said flanges constructed to bear upon the surface of said plate around said flange when secured in position, substantially as described.

EDSON L. BRYANT.

Witnesses:
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