

E. W. ANDREE.
Lamp-Fount.

No. 196,551

Patented Oct. 30, 1877.

Fig. 1.

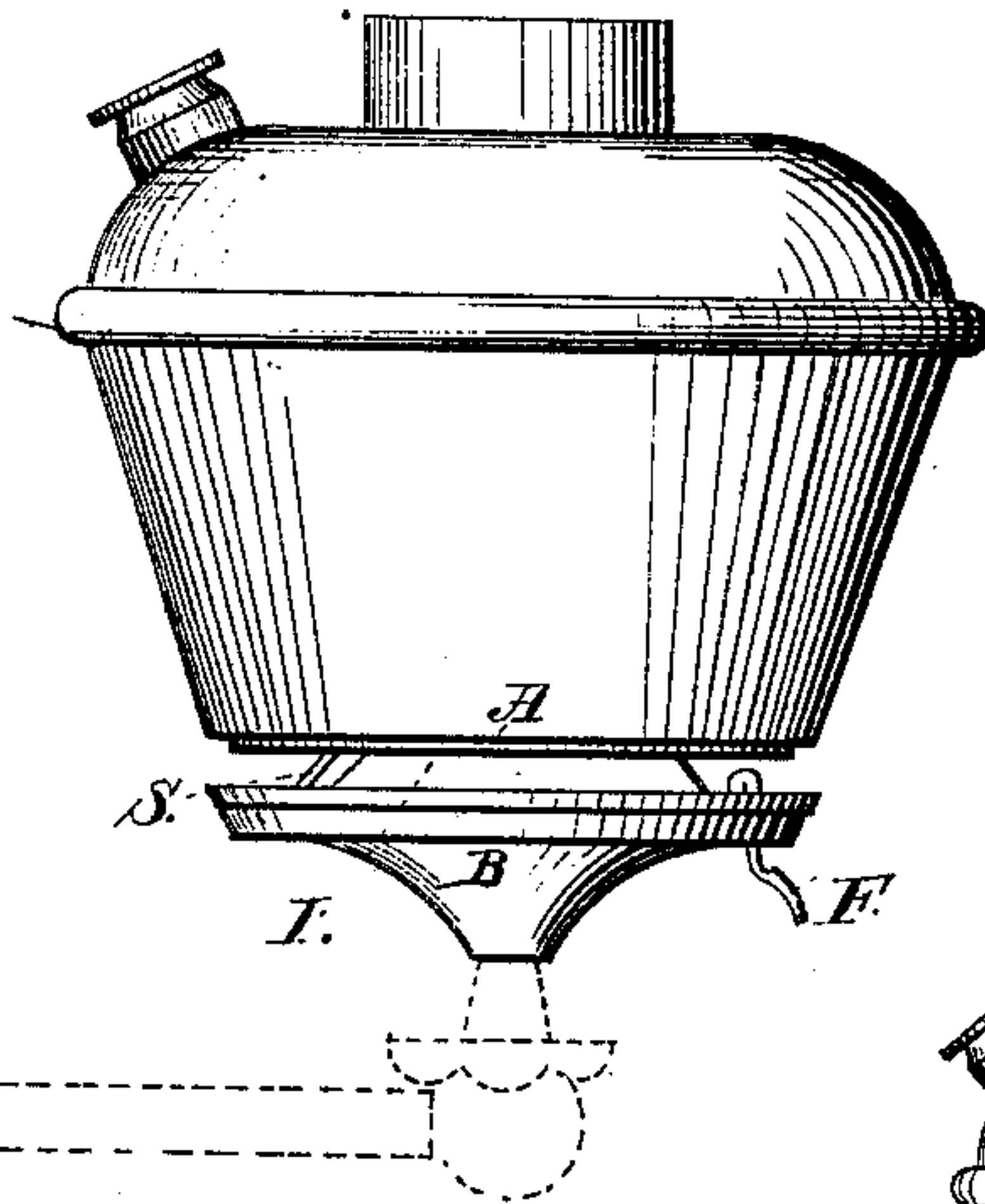


Fig. 4.

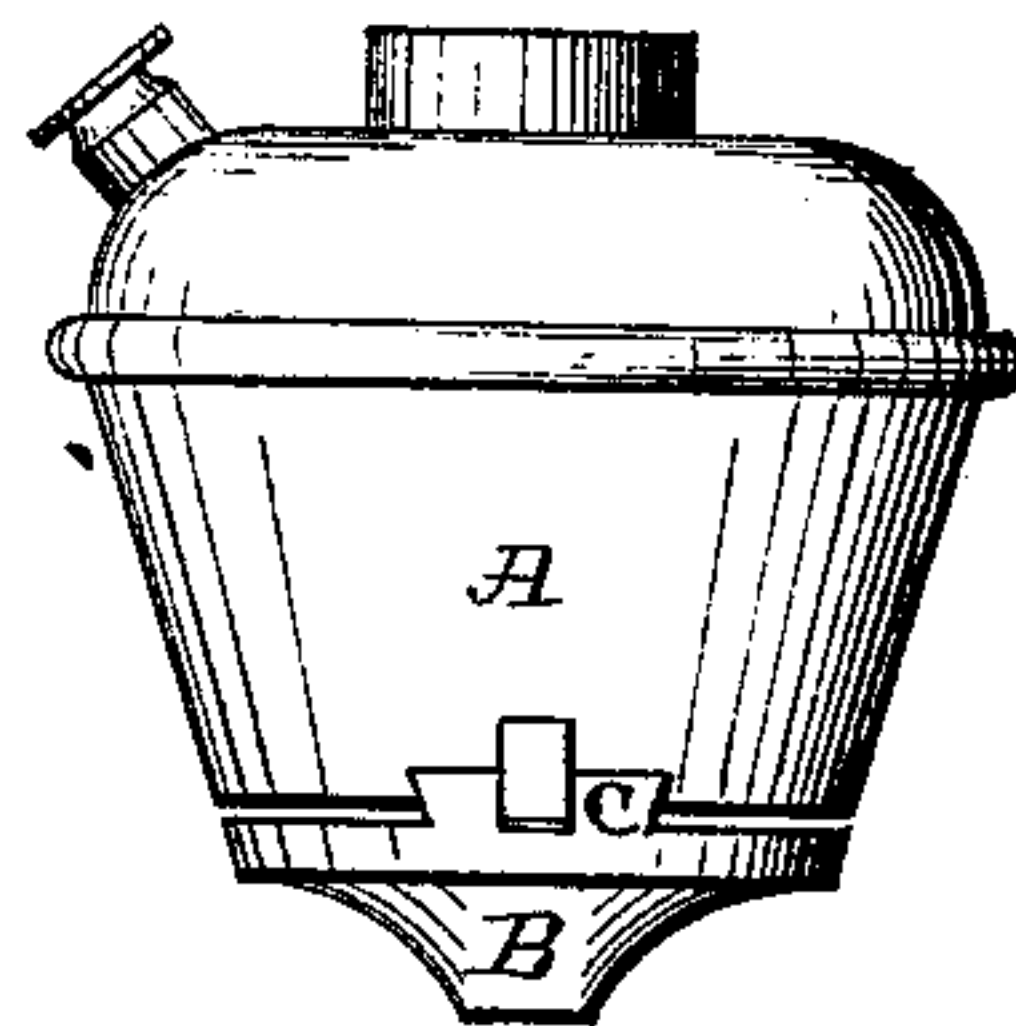


Fig. 2.

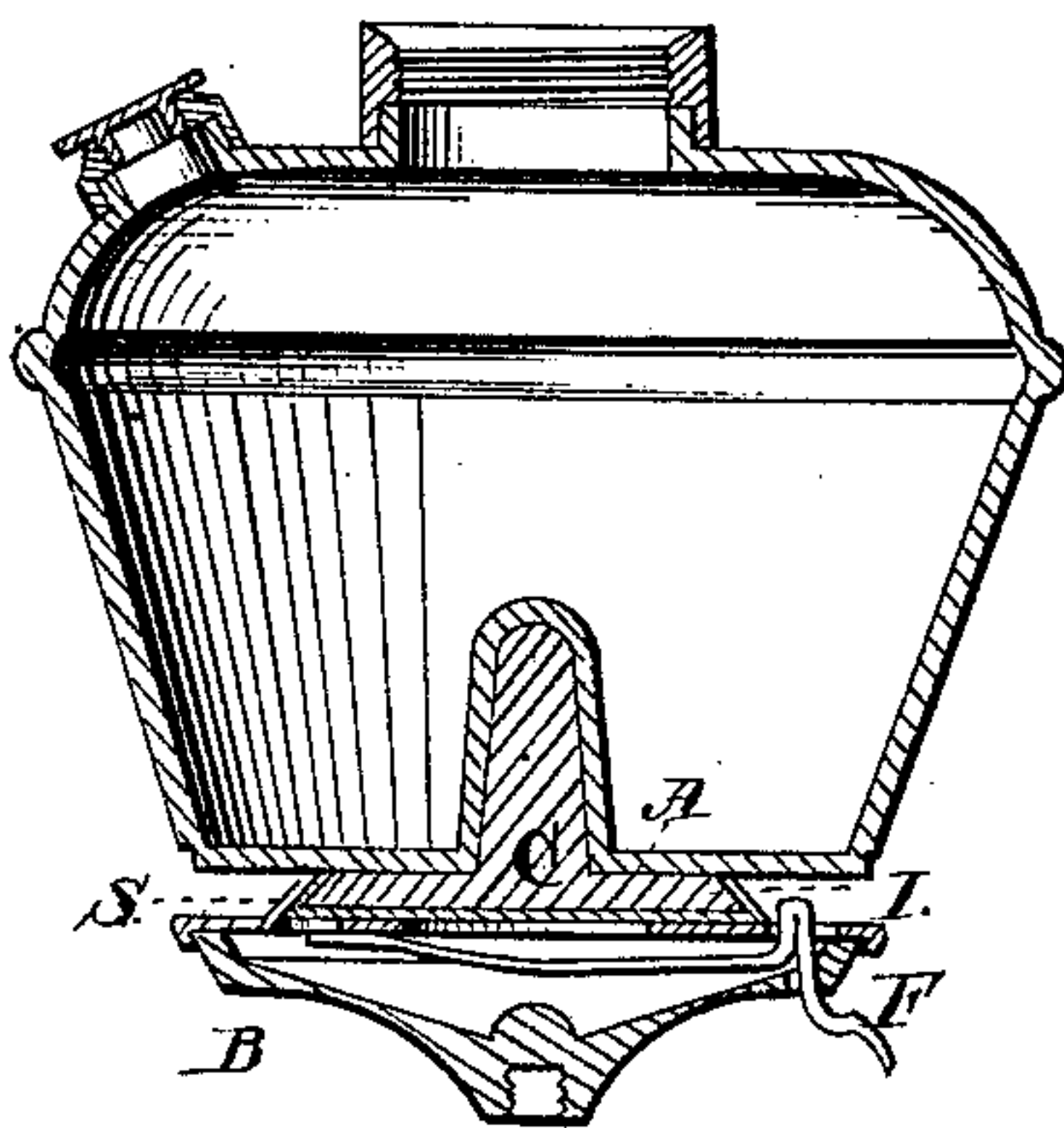
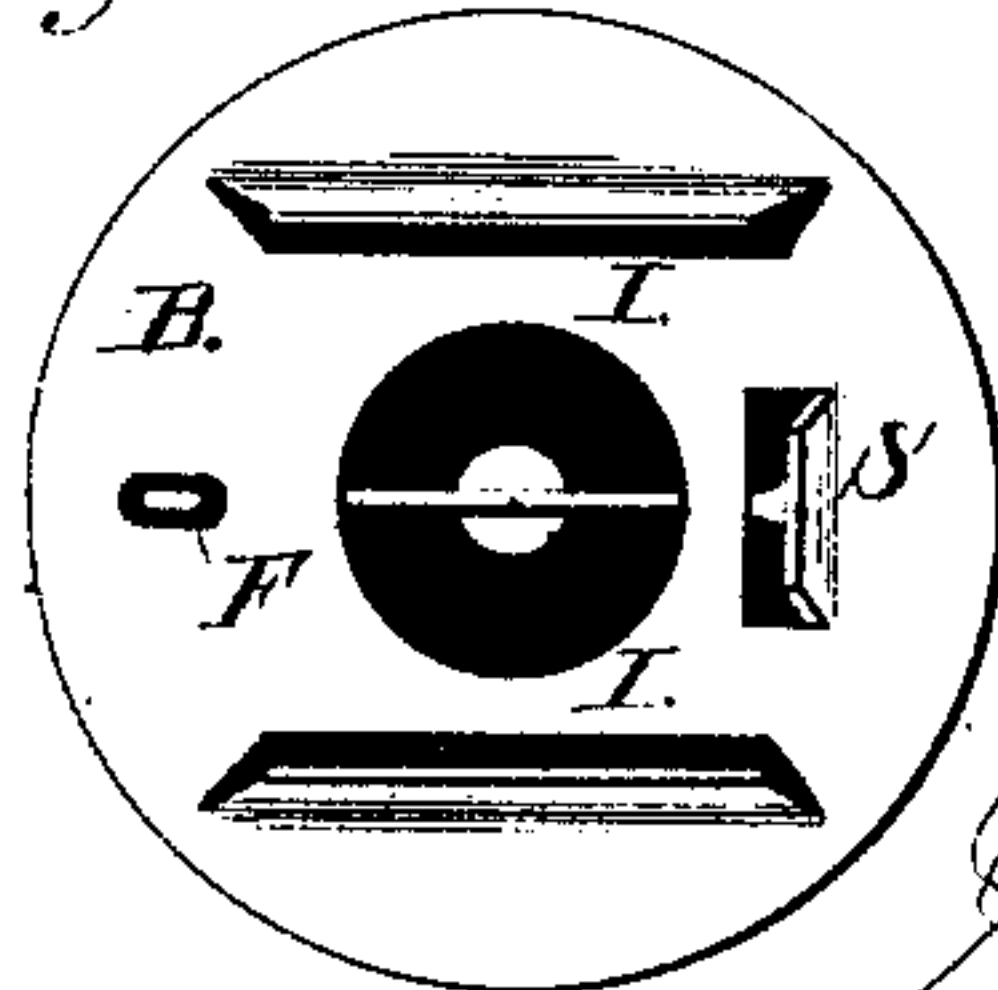


Fig. 3.



Attest:

John F. Francis
Philip Ettenheim

Inventor:

E. W. Andree

UNITED STATES PATENT OFFICE.

ERNST W. ANDREE, OF MILWAUKEE, WISCONSIN.

IMPROVEMENT IN LAMP-FOUNTS.

Specification forming part of Letters Patent No. **196,551**, dated October 30, 1877; application filed June 18, 1877.

To all whom it may concern:

Be it known that I, E. W. ANDREE, of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented a new and useful Improvement in Lamp-Founts, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

Figure 1 is a side view of the fount as placed on the holder. Fig. 2 is a vertical section of the same. Fig. 3 is a top view of the holder, and Fig. 4 a modification.

This invention relates more particularly to an improvement in that kind of lamp-founts used on chandeliers, pendants, brackets, &c., whereby they may be firmly secured to the holder or basket, so as to prevent their being accidentally thrown off.

There are several methods ordinarily employed in constructing such founts, the most common being to set the fount into a basket or cup-shaped holder, which is provided with screws on the sides for holding the fount in place. Such screws are inconvenient, and are, moreover, liable to get lost.

In some cases the fount has a shank or peg formed on the bottom, which is screwed into a socket in the holder. These are not practical, as they will not stand upright when removed for trimming. Another method is to provide the holder with a spindle fitting into a socket in the bottom of the fount, which is secured by providing either the socket or the side of the fount with a bayonet-joint, and the spindle or the inside of the holder with the corresponding stud. Such founts must be turned in a certain direction in order to lock themselves, thus requiring careful attention in this particular when they are put on the fixture.

The object of the present invention is to obviate all these difficulties by producing a fount having a flat bottom, which will lock itself securely automatically.

To accomplish this object, I make the fount with an undercut bottom or of dovetail form, or with grooves on the sides, or with a dovetail groove across the bottom, so as to slide onto a holder provided with corresponding lips or a dovetail tenon, as the case may be, the fount being prevented from sliding clear through by a lip-stop, and engaged by a suitable spring, as described further on.

In the drawing, A is the fount; B, the holder; F, the spring; I, the lips, and S the lip-stop; C, the fount-base. The spring F is depressed while the fount is slid onto the holder, and is released when the same is slid clear back, thus locking it.

The drawing shows only one manner of securing the fount by this method, and represents the fount as having a dovetail bottom or tenon which is supposed to be square, so that it can be slid in between the lips from any side.

It will be readily understood that the tenon may be round or any other form, or that the fount may be simply undercut, or have grooves on the sides to engage the lips on the holder. The holder may also, instead of having lips, have merely a dovetail groove across its top; or the arrangement may be reversed, and the tenon formed on the holder, while the fount has a suitable groove on its bottom.

These founts may be made of either metal or glass, or they may be part metal and part glass. In the latter case I prefer to make a separate metal bottom, having the tenon or groove, as shown in Fig. 2, which may be permanently secured to the fount in any desired manner, preferably in the process of blowing the same.

In this way I produce a fount having a flat bottom, so as to stand upright while being filled or trimmed, and which can be conveniently taken off and replaced on the fixture, at the same time locking itself without requiring any particular attention from the person adjusting it, and which can, moreover, be manufactured at comparatively little cost.

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

A lamp-fount holder, B, in combination with the removable fount A, the fount-holder being provided with a stop and a spring-catch, whereby the fount is automatically locked in position, substantially as shown.

ERNST WM. ANDREE.

Witnesses:

PHILIP ETTENHEIM,
A. GOTTSCHALK.