

No. 814,668.

PATENTED MAR. 13, 1906.

H. BOGGS.
OIL LAMP.

APPLICATION FILED JUNE 23, 1905.

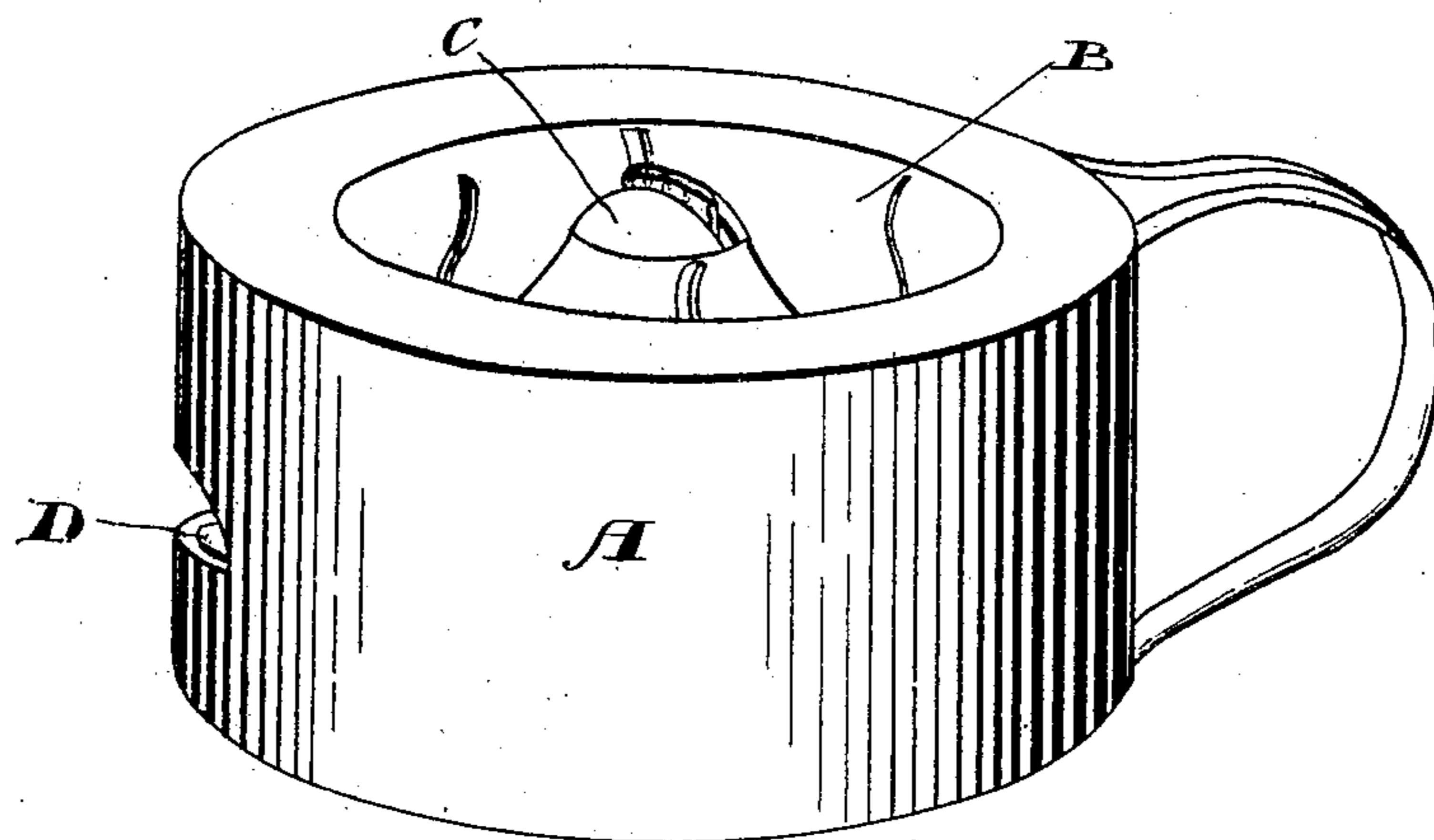


Fig. 1.

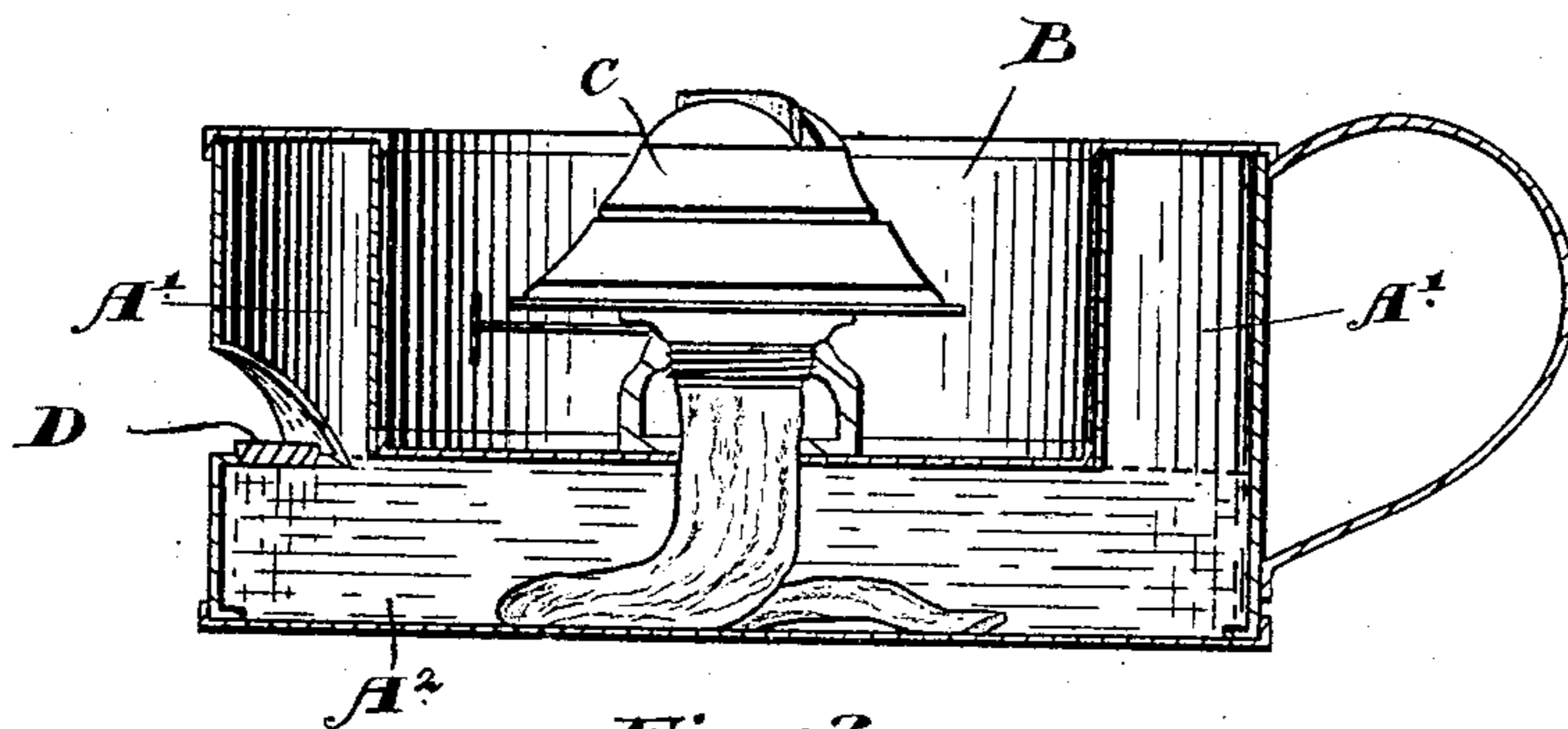


Fig. 2.

Witnesses
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UNITED STATES PATENT OFFICE.

HERBERT BOGGS, OF COBOURG, CANADA.

OIL-LAMP.

No. 814,668.

Specification of Letters Patent.

Patented March 13, 1906.

Application filed June 23, 1905. Serial No. 266,633.

To all whom it may concern:

Be it known that I, HERBERT BOGGS, accountant, residing at the town of Cobourg, in the county of Northumberland, in the Province of Ontario, Canada, have invented certain new and useful Improvements in Oil-Lamps, of which the following is a specification.

My invention relates to improvements in lamp-bowls; and the object of the invention is to devise a simple, durable, and cheap form of lamp-bowl which may be placed in any position and not explode; and it consists, essentially, of a reservoir with a recess in the top of it in which the burner is located, the reservoir being so designed that the annular chamber above the bottom of the recess will contain the oil normally held below the same, as hereinafter more particularly explained.

Figure 1 is a perspective view of my lamp-bowl. Fig. 2 is a cross-section of my lamp-bowl.

In the drawings like letters of reference indicate corresponding parts in each figure.

A is the reservoir, which consists of upper and lower portions A' and A², the reservoir A being so designed that the volume of oil contained in the annular portion A' is equal to or greater than that contained in the portion A².

B is the recess in which the burner C is located and which gives the form to the reservoir.

D is an ordinary screw-plug used for emptying the lamp.

Such a form of lamp as I describe is capable of being tipped or turned in any position without exploding, and when out of the level, even if turned completely upside down, the oil cannot flow back into the entrance of the wick, thereby preventing any chance of explosion or setting anything on fire, thus overcoming a most dangerous fault found in lamps now commonly in use, and it will therefore be understood that in lamps or lanterns a form such as I describe will be an important desideratum.

What I claim as my invention is—

In a lamp, a bowl having a central recess having its bottom on a line with the oil-level, and its vertical walls forming a chamber above the oil-level, said bottom having a central orifice therein, a screw-cap situated over said orifice and extending up from the said bottom, a burner designed to be screwed into the cap and screw-plugs located in the bowl at the oil-level, said plugs being outside the recess.

HERBERT BOGGS.

Witnesses:

W. F. KERR,

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