

H. H. WILL.
CANDLE LAMP.
APPLICATION FILED OCT. 1, 1915.

1,257,658.

Patented Feb. 26, 1918.

Fig. 1.

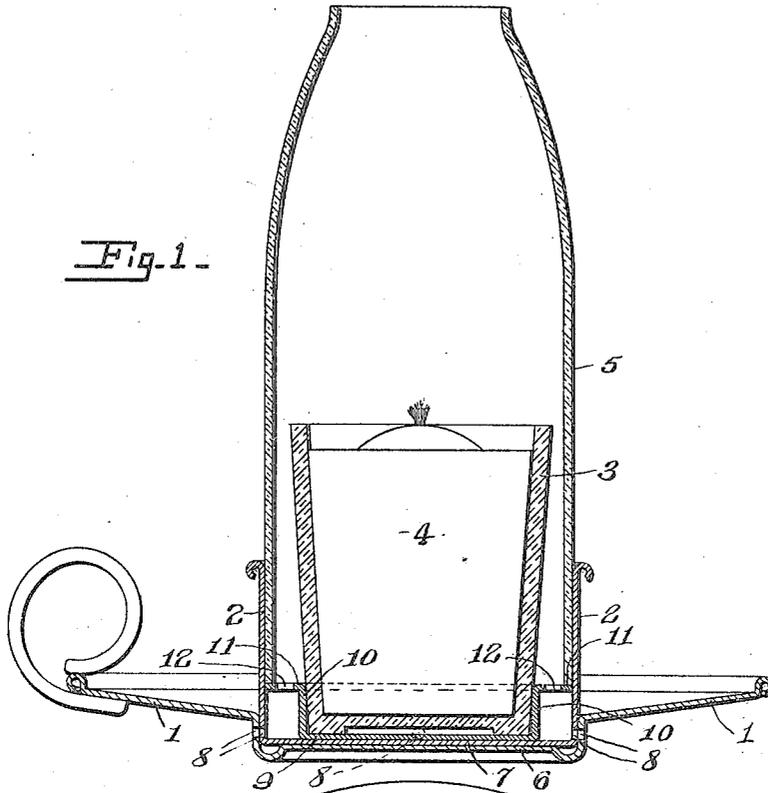
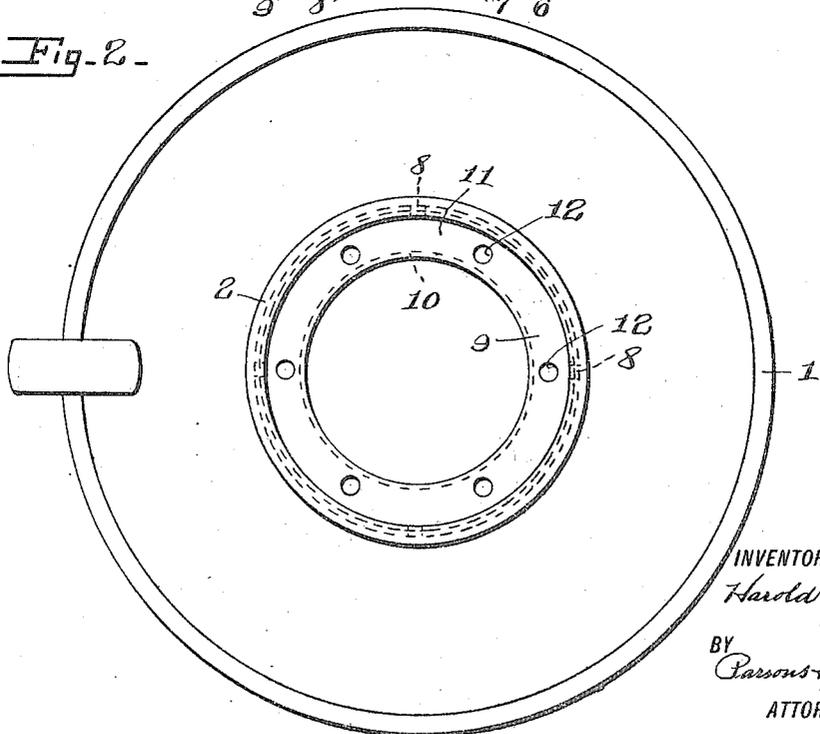


Fig. 2.



INVENTOR
Harold H. Will
BY
Parsons & Bridell
ATTORNEYS

UNITED STATES PATENT OFFICE.

HAROLD H. WILL, OF SYRACUSE, NEW YORK, ASSIGNOR TO THE WILL & BAUMER CO.,
OF SYRACUSE, NEW YORK, A CORPORATION OF NEW YORK.

CANDLE-LAMP.

1,257,658.

Specification of Letters Patent. Patented Feb. 26, 1918.

Application filed October 1, 1915. Serial No. 53,544.

To all whom it may concern:

Be it known that I, HAROLD H. WILL, a citizen of the United States, and a resident of Syracuse, in the county of Onondaga and State of New York, have invented a certain new and useful Candle-Lamp, of which the following is a specification.

This invention has for its object a candle lamp which is particularly simple and economical in construction and highly efficient and durable in use; and it consists in the novel combinations and constructions hereinafter set forth and claimed.

In describing this invention reference is had to the accompanying drawings in which like characters designate corresponding parts in all the views.

Figure 1 is a vertical sectional view of my candle lamp.

Fig. 2 is a plan of the base thereof.

This candle lamp comprises a base including a cup, a candle located within the cup, and a chimney rising from the cup, the cup being formed with an air chamber in the lower portion thereof, having inlets and outlets respectively opening on the exterior of the cup and into the interior of the cup.

1 designates the base including a body which is here illustrated as a tray, and a cup 2 supported centrally of the tray, and having an air chamber therein.

3 is a candle holder located within the cup 2 and here shown as in the form of a cup in which the candle 4 is located, the cup 3 being preferably made of transparent glass, and the candle fitting, and being located entirely within, the cup or holder 3.

5 is a chimney rising above the upright wall of the cup 2 and extending into and fitting the same, the chimney being cylindrical at its lower end and resting on the upper wall of the air receiving chamber to be described.

In this form of my invention the tray is formed with a central depression 6 and the lower portion of the cup fits into the depression with its bottom 7 engaging the bottom of the depression 6. The lapping or engaging portions of the cup 2 and the walls of the depression 6 are formed with alined perforations 8 which constitute the air inlets for the air receiving chamber.

The air receiving chamber is annular in form and extends around the lower portion

of the cup 2, and is formed by a member 9 including a wall 10 opposed to the lower margin of the upright wall of the cup 2 and to the margin of the bottom of the cup 2. Said wall 10 and the opposing margins of the bottom and side walls of the cup 2 confine the air receiving chamber.

As here shown, the member 9 is pan shape and inserted in the cup 2 with its bottom against the bottom of the cup 2, and the wall 10 constitutes the side wall of the pan and also an outwardly extending flange or rim 11 which touches the inner face of the upright wall of the cup 2. The outlet perforations 12 are formed in the flange or rim 11.

The chimney 5 extends into the cup 2 and rests at its lower edge on the flange 11.

What I claim is:

1. A candle lamp comprising a base including an upright wall inclosing a candle receiving space, an encompassing chamber located within the upright wall at the lower end thereof and forming a socket of less diameter than said wall, the chamber being formed with air inlets and outlet openings respectively on the exterior and on the interior of said wall, and a candle having its lower end located within the socket encompassed by said chamber and a chimney supported by said upright wall above said chamber, substantially as and for the purpose described.

2. A candle lamp comprising a base formed with a depression, a cup formed with a bottom, the cup having its lower portion fitted to and held in the depression, a detachable candle holder, and means projecting from the bottom of the cup and spaced apart from the circumferential wall of the cup for detachably engaging the candle holder and holding the same substantially centrally relatively to the cup and providing an air space around the holder, substantially as and for the purpose specified.

3. A candle lamp comprising a base including a tray formed with a central depression, and a cup having its lower portion fitting the depression, a candle located in the cup, and a chimney rising above the cup, the walls of the depression of the tray and the contiguous portion of the wall of the cup being formed with alined perforations, substantially as and for the purpose described.

4. A candle lamp comprising a base in-

cluding a cup, and a member carried by the cup and a member located in, and engaging the bottom of the cup and having a portion opposed to and spaced from the meeting margins of the bottom and the side wall of the cup, and forming therewith an annular air chamber, the cup being formed with perforations opening into the air chamber and said member being formed with perforations forming air outlets, a candle located within the cup, and a chimney rising above the cup, the chimney being supported by the cup above said member, substantially as and for the purpose set forth.

5. A candle lamp comprising a base including a cup, and a pan shaped member inserted in the cup, the body thereof being of less diameter than the cup, said member having an outwardly extending flange at its upper edge which meets the inner face of the cup, the side wall of the pan shape member and the flange, and the outer margin of the bottom, and the lower margin of the side wall of the cup, confining an air receiving chamber, one of said margins being formed with perforations and the flange of the pan shape member being formed with perfora-

tions, a candle located in the cup, and a chimney rising above the cup, substantially as and for the purpose set forth.

6. A candle lamp comprising a tray formed with a central depression, a cup having its lower portion fitting the depression, and engaging portions of the wall of the depression, and the cup being formed with alined perforations, a pan shape member inserted in the cup against the bottom thereof, the body of said member being of less diameter than the interior of the cup and being formed with a laterally extending marginal flange opposed to the margin of the bottom of the cup and touching the side walls of the cup, the flange being formed with perforations, a candle holder located in the cup and resting on the bottom of the pan shape member, and a chimney rising above the cup and extending into the same and resting at its lower edge on said flange, substantially as and for the purpose described.

In testimony whereof, I have hereunto signed my name, at Syracuse, in the county of Onondaga, and State of New York, this 27th day of Sept., 1915.

HAROLD H. WILL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."