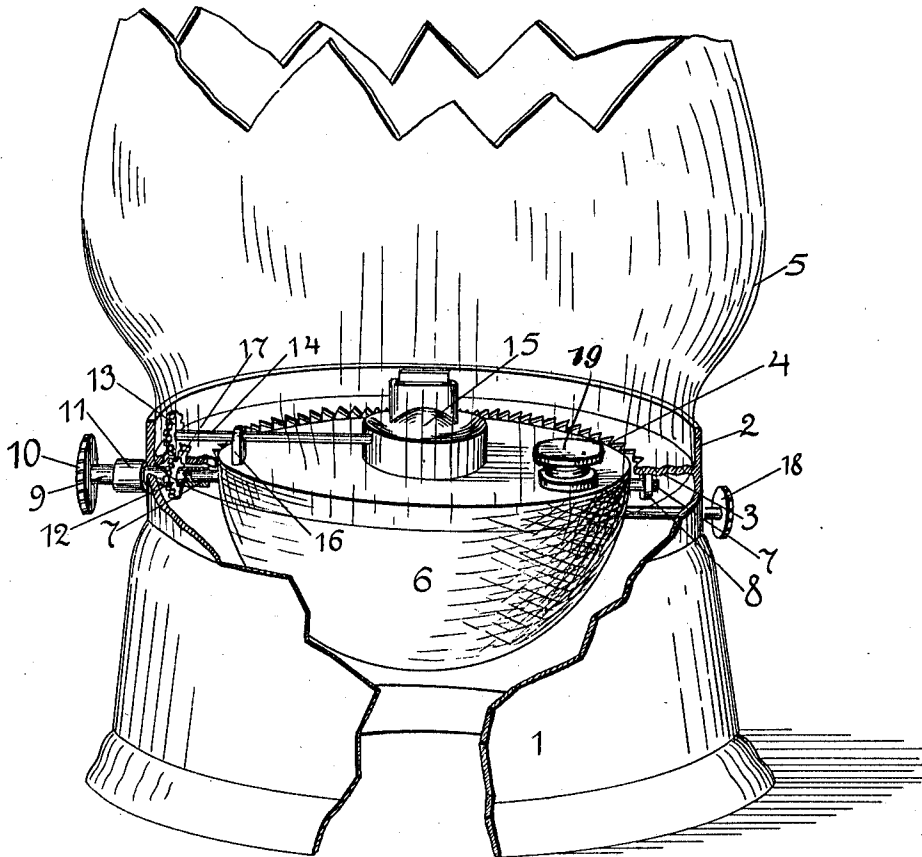


L. C. EBRITE.  
LANTERN.  
APPLICATION FILED APR. 7, 1911.

1,004,637.

Patented Oct. 3, 1911.



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

LEWIS C. EBRITE, OF MESQUITE, TEXAS.

LANTERN.

1,004,637.

Specification of Letters Patent.

Patented Oct. 3, 1911.

Application filed April 7, 1911. Serial No. 619,527.

*To all whom it may concern:*

Be it known that I, LEWIS C. EBRITE, a citizen of the United States, residing at Mesquite, in the county of Dallas and State of Texas, have invented certain new and useful Improvements in Lanterns, of which the following is a specification.

My invention relates to new and useful improvements in lanterns. Its object is to provide a lantern that may be lighted or extinguished, or replenished with oil without the necessity of raising or removing the lamp chimney.

The object of the invention is more specifically to provide a lantern in which the oil vessel, carrying the burner, will be pivotally mounted in the base, the shape of said vessel being such that the center of gravity will lie below the pivotal axis, causing the burner to remain constantly uppermost. Thus by reversing the lantern the burner will be exposed through the bottom thereof, so that it may be readily lighted, or the lantern may be replenished with oil.

A further object of the invention is to provide a device of the character described that will be strong, durable and efficient, and comparatively easy to construct, and one that will not be likely to get out of working order.

With these and various other objects in view, my invention has relation to certain features of the construction and operation, an example of which is described in the following specification and illustrated in the accompanying drawing.

A perspective view of the invention is shown in the drawing, the upper portion of the lantern globe being broken away, and portions of the base being also removed to show parts therebehind.

Referring now to the numerals which are employed in the drawing to designate various parts, the numeral 1 denotes the base of the lantern, which will be preferably constructed of metal, and may be given any convenient form, but must be without a bottom. The upper edge of the lantern base is provided with a vertical flange 2, which carries a horizontal ring 3 upon its inner face, the edge of which ring is provided with pointed teeth as indicated at 4. The ring 3 furnishes a support for the glass lantern globe, or chimney 5, which has its lower edge proportioned in diameter so as to fit the flange 2. A semi-spherical vessel 6 is

pivotally mounted in the aperture of the ring 3, the top surface of said vessel being flush with the surface of the ring, and being closely adjacent to the teeth of the latter. The vessel 6 is provided upon its upper portion with opposite pivots 7, one of which is received by a bracket 8 projecting downward from the ring 3, and the other by a sleeve 9, which projects through the flange 2 and is provided on its outer extremity with a milled head 10, to which rotation may be manually applied. In order to hold the sleeve 9 more securely in its proper horizontal position, it may be extended through a collar 11, rigidly projecting from the outer surface of the flange 2. A small pinion 12 is rigidly mounted upon the sleeve 9 adjacent to its inner extremity, and it is made to mesh with a similar pinion 13 fast upon the outer extremity of the stem 14, by which the wick is raised or lowered. The burner, into which the inner extremity of the stem 14 projects, is denoted by the numeral 15. A small bracket 16 may be mounted upon the vessel 6 to hold the stem 14 in its proper horizontal position, so that the pinions 12 and 13 will be constantly in mesh. A small aperture or slot 17 is provided in the ring 3 to permit the two small pinions to enter into engagement. A set-screw 18 is shown by which the vessel 6 may be held steady, and a screw-cap 19 of the usual construction is provided upon the top of said vessel to permit the latter to be replenished with oil.

It will be apparent from the above description that it is not necessary to have access to the interior of the lantern in order to raise or lower the wick, since a rotation imparted to the sleeve 9 will be communicated through the pinions 12 and 13 to the stem 14 by which the elevation of the wick is controlled in the usual manner. The semi-spherical shape of the vessel 6 causes the weight of said vessel and the oil therein to act downward upon a vertical line through the center of the burner, so that said burner will maintain its normal upright position when the lantern is reversed, giving quick and convenient access to the burner.

A further advantage possessed by the above described invention is that it eliminates the necessity of a mechanism for raising and lowering the lantern globe, and avoids the loss of time occasioned by manipulating said mechanism. When the lantern has been inverted in order to light the

same, the base 1 acts as a guard to prevent a match being extinguished by the wind before it can be applied to the wick.

It is apparent that the various parts and details of the construction might be somewhat changed without departing from the spirit of the invention, and the device is, therefore, presented as including all such changes and alterations as may be included within the scope of the following claims.

What I claim is:

1. A lantern provided with a base and having a semi-spherical vessel pivotally mounted in said base, said vessel being provided with a burner, and a ring carried by the base and having a toothed inner edge extending closely adjacent to the surface of the vessel.

2. A lantern provided with a base and having a semi-spherical vessel pivotally mounted in said base, said vessel being provided with a wick-burner, a ring carried by the base and having a toothed inner edge extending closely adjacent to the surface of the vessel, and means by which the wick may

be manually regulated from the exterior of the lantern.

3. A lantern base surmounted by a vertical flange, carrying a toothed ring on its inner face, a semi-spherical vessel supported in the aperture of said ring, a pair of pivots projecting from opposite sides of said vessel and furnishing supporting means, a bracket provided at one side of the ring to receive one of the pivots of the vessel, a sleeve passing through said vertical flange, the other pivot being received by said sleeve, means to hold said sleeve horizontal, a wick-burner with wick-raiser and stem mounted on said vessel, and a pair of engaging pinions communicating rotation from the sleeve to the stem by which the wick is regulated.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LEWIS C. EBRITE.

Witnesses:

C. E. LOTT,

G. B. STEWART.

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