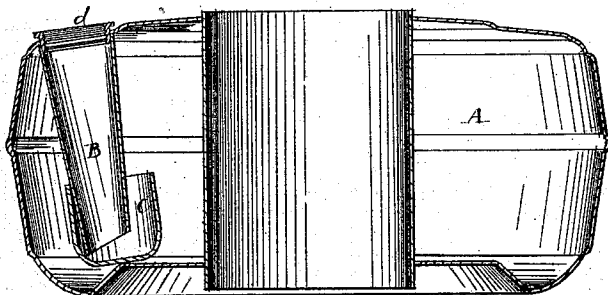


M. W. HOUSE.
Lamp Feed-Trap.

No. 103,334.

Patented May 24, 1870.



Witnesses

Geo. W. Tibbitts

J. Holmes

Inventor

Mark W. House

United States Patent Office.

MARK W. HOUSE, OF CLEVELAND, OHIO.

Letters Patent No. 103,334, dated May 24, 1870.

FEED-TRAP FOR LAMPS.

The Schedule referred to in these Letters Patent and making part of the same.

I, MARK W. HOUSE, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain Improvements in a Feed-Trap for Lamps, of which the following is a specification.

The nature of this invention relates to an improved device in filling tubes in lamps, and consists of a cup placed in the bottom of the fount in connection with the filling-tube, in such a manner that the bottom of the filling-tube, sitting in the cup, shall always be submerged in oil. By this arrangement a barrier against the passage of fire is provided by the interposition of the cup through which fire cannot pass to communicate with the gases in the fount.

The drawing represents the fount of a lamp, cut in half section, showing the tube and cup attached.

A represents a fount of a lamp.

B is a tube, attached to the top of the fount at the opening, for filling, and extends nearly to the bottom.

C is a cup, attached to the bottom, and in which the lower end of the tube B rests, but is not closed.

The top of the tube B is provided with a screw-cap, *d*.

In filling the lamp, the oil is poured in at the tube B, and, overflowing the cup, fills the fount A, and, as the oil is used, should the fount become empty below the cup, the cup will still retain oil, and thus no space is ever left open for the passage of fire.

What I claim, and desire to secure by Letters Patent, is—

The tube B and cup C, combined and arranged with the fount of the lamp A, substantially in the manner shown, and for the purpose set forth.

MARK W. HOUSE.

Witnesses:

GEO. W. TIBBITTS,
CHAS. H. PAYNE.