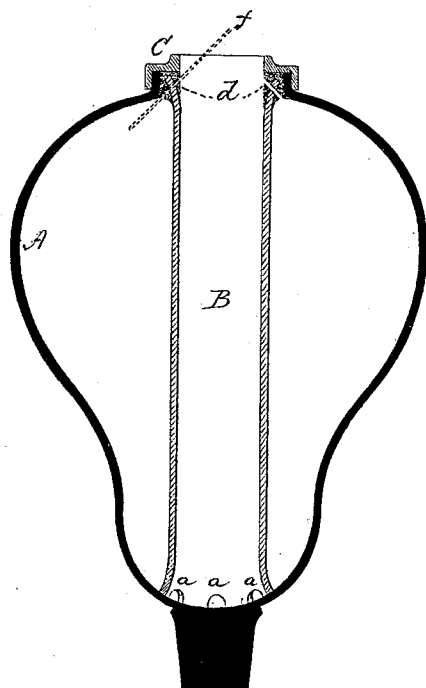


H. M. CLARKE.

Lamp.

No. 101,584.

Patented April 5, 1870.



Witness,  
*J. B. Shumway*  
*A. J. Tibbitts*

*Hegedus M. Clark*  
Assignor to Saif, Elisha T. Barnard & Charles Blanchard,  
Inventor  
By Atty.  
*John E. Earle*

# United States Patent Office.

HEZEKIAH M. CLARK, OF MERIDEN, CONNECTICUT, ASSIGNOR TO HIMSELF, ELISHA J. BARNARD, AND CHARLES BLANCHARD, OF SAME PLACE.

Letters Patent No. 101,584, dated April 5, 1870.

## IMPROVEMENT IN LAMPS.

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

To all whom it may concern:

Be it known that I, HEZEKIAH M. CLARK, of Meriden, in the county of New Haven and State of Connecticut, have invented a new Improvement in Lamps; and I do hereby declare the following, when taken in connection with the accompanying drawing and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification, and represents a vertical central section.

This invention relates to an improvement in the lamp patented to the inventor in this application, dated March 24, 1868, the object being the adaptation of a glass central tube instead of the metal tube heretofore used, such adaptation requiring a different construction of the parts; and

It consists in the arrangement of a glass tube within the bowl of the lamp, with notches cut at the bottom to permit the supply of oil, and the upper end secured by plaster or cement, by means of which the cap is also attached to the lamp.

A is the bowl of a common glass lamp.

B, the tube, which is also formed from glass, so as to sit down onto the bottom of the bowl, and provided

with several openings *a a* to communicate with the bowl outside of the tube.

The upper end of the tube is made flaring, to sit into the neck of the lamp, around which calcine plaster or other suitable cement is placed; then the cap is set thereon, the cement securing the cap, lamp, and tube all together.

To vent the lamp, I cut one or more notches, *d*, at the upper edge of the tube, and, during the process of cementing, insert a wire, *f*, through the said notches; then, as soon as the cement is set, withdraw the wire and the vent is effected.

I claim as my invention—

The arrangement of the glass tube B within the bowl A of the lamp, the said tube being provided with notches *a* at the bottom, and secured with the cap *c* and neck of the lamp by the application of cement, as specified, and the lamp vented substantially in the manner described.

HEZEKIAH M. CLARK.

Witnesses:

L. BIRDSEY,  
THEODORE BYXBEE.