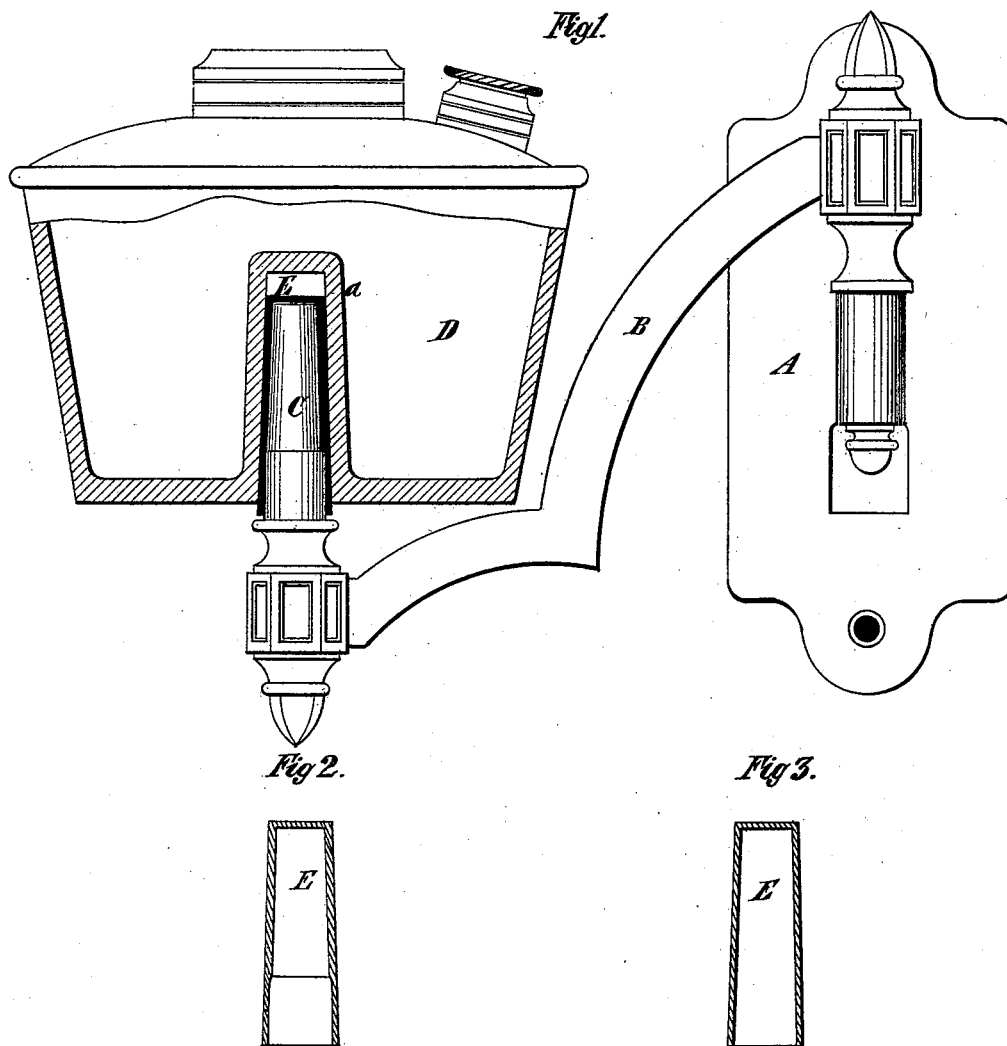


H. CRAIGHEAD.  
Lamp.

No. 202,236.

Patented April 9, 1878.



*Witnesses:*  
Charles Hall  
Owen Prentiss

*Inventor:*  
Horace Craighead  
by his attorney  
Edwin H. Brown

# UNITED STATES PATENT OFFICE.

HORACE CRAIGHEAD, OF MAMARONECK, NEW YORK.

## IMPROVEMENT IN LAMPS.

Specification forming part of Letters Patent No. **202,236**, dated April 9, 1878; application filed February 18, 1878.

### *To all whom it may concern:*

Be it known that I, HORACE CRAIGHEAD, of Mamaroneck, in the county of Westchester and State of New York, have invented certain new and useful Improvements in Lamps, of which the following is a specification:

This invention relates to that class of lamps wherein the reservoir is provided with a cavity or recess, and fitted upon a gas-burner or similar support. Ordinarily a gasket or sleeve of india-rubber or like material is used between the reservoir and gas-burner or other support to cause the reservoir to fit tightly thereon. Such sleeve or gasket has been liable to slip down when the reservoir has been placed upon its support, so as to cause the reservoir to fit tightly in place at the bottom but loosely at the top, leaving it free to rock or rattle on its support.

The object of my invention is to obviate this difficulty; and to this end the invention consists in the combination, with a reservoir, provided with a cavity or recess and a burner or other support therefor, of a nipple or cap, of india-rubber or other suitable material, fitted between said reservoir and support, and secured in place in such manner that when the reservoir is placed upon its support said nipple or cap cannot be forced down out of place, and a tight joint between said parts will be maintained throughout their extent.

In the accompanying drawings, Figure 1 represents a side view of a lamp embodying my invention, the reservoir being shown partly in section the better to exhibit the invention. Fig. 2 is a central longitudinal section of a nipple or cap of the kind comprised in my invention; and Fig. 3 is a similar section of a nipple or cap of modified form.

A designates a bracket, adapted to be fastened to a wall or other support; and B designates an arm extending therefrom, and provided with a standard, pillar, or gas-burner, C. D designates a lamp reservoir or fount,

provided with a cavity or recess, *a*, which is represented as of taper form from the bottom upward, and may advantageously be arranged in the center of the reservoir A. E designates a nipple or cap, which may be made of india-rubber or other suitable material, and is of such shape as to fit snugly over the standard, pillar, or burner C, and within the cavity or recess *a* of the reservoir or fount D. This nipple or cap is intended to be so applied to the standard, pillar, or burner C that its top will impinge upon the tip of said standard, pillar, or burner, and is intended to be of such thickness that when the reservoir is in place it will fit snugly upon the exterior of said nipple or cap, and will be held firmly in place, so as to be precluded from rocking or from rattling. The top of this cap or nipple, by fitting upon the tip of the standard, pillar, or burner C, precludes it from being forced or wedged downward when the reservoir is applied, as is the case with the ordinary open-ended sleeve or gasket. If desired, this nipple or cap may be shaped internally to fit around the shoulder or body of a gas-burner, as represented in Fig. 2; or it may be of the same thickness throughout, as represented in Fig. 3; or, indeed, it may be made of any form suitable for fitting snugly outside of the standard or pillar and inside the cavity or recess of a reservoir or fount, no matter what may be the shape of these articles.

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

The combination, with a lamp reservoir or fount, provided with a cavity or recess, and a support entering the same, of a nipple or cap, of india-rubber or analogous material, fitting between said reservoir and support and overlapping the tip of the latter, substantially as and for the purpose specified.

HORACE CRAIGHEAD.

Witnesses:

CHANDLER HALL,  
OWEN PRENTISS.