

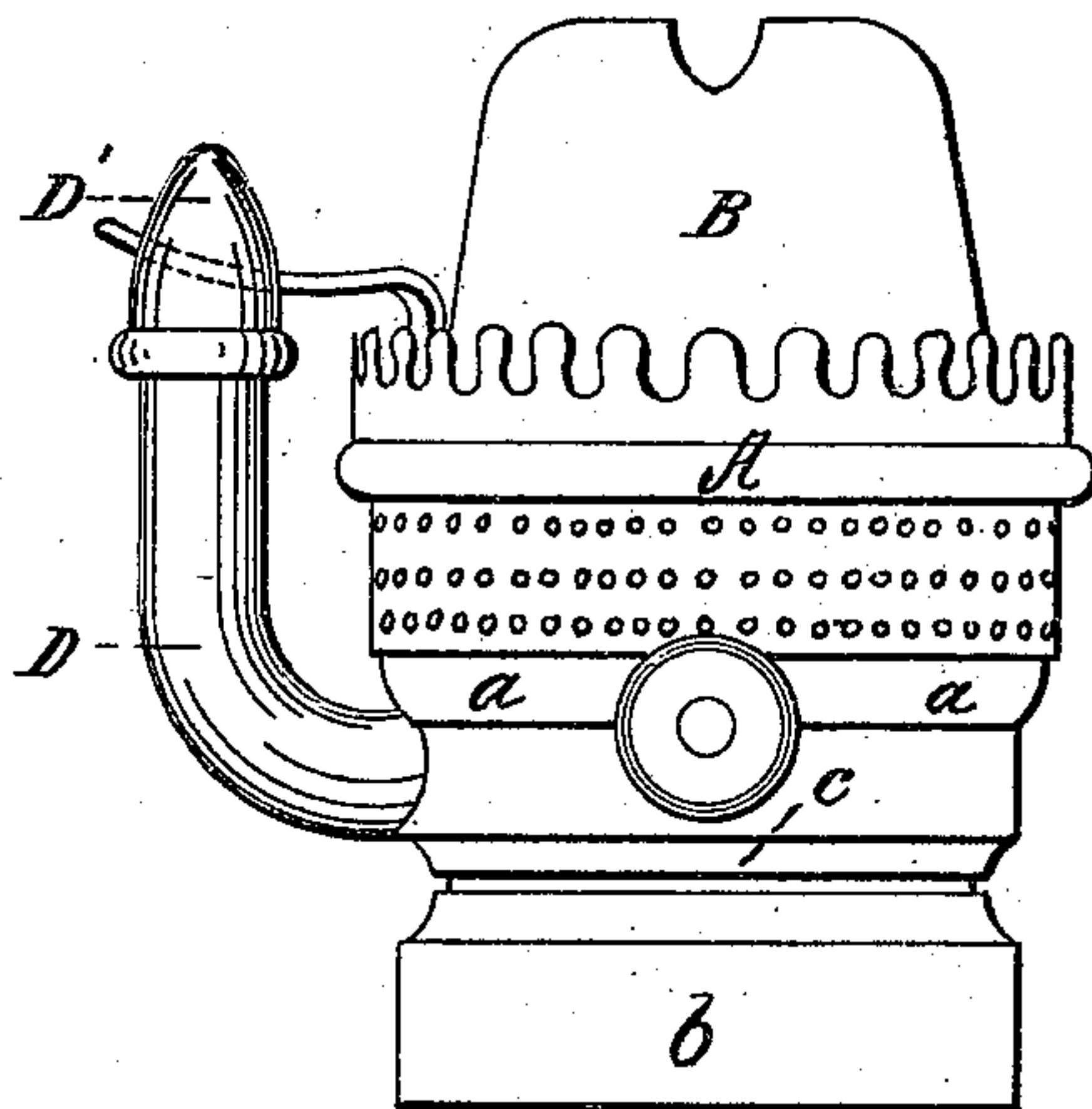
C. H. DOLBEARE.

Lamp Burner.

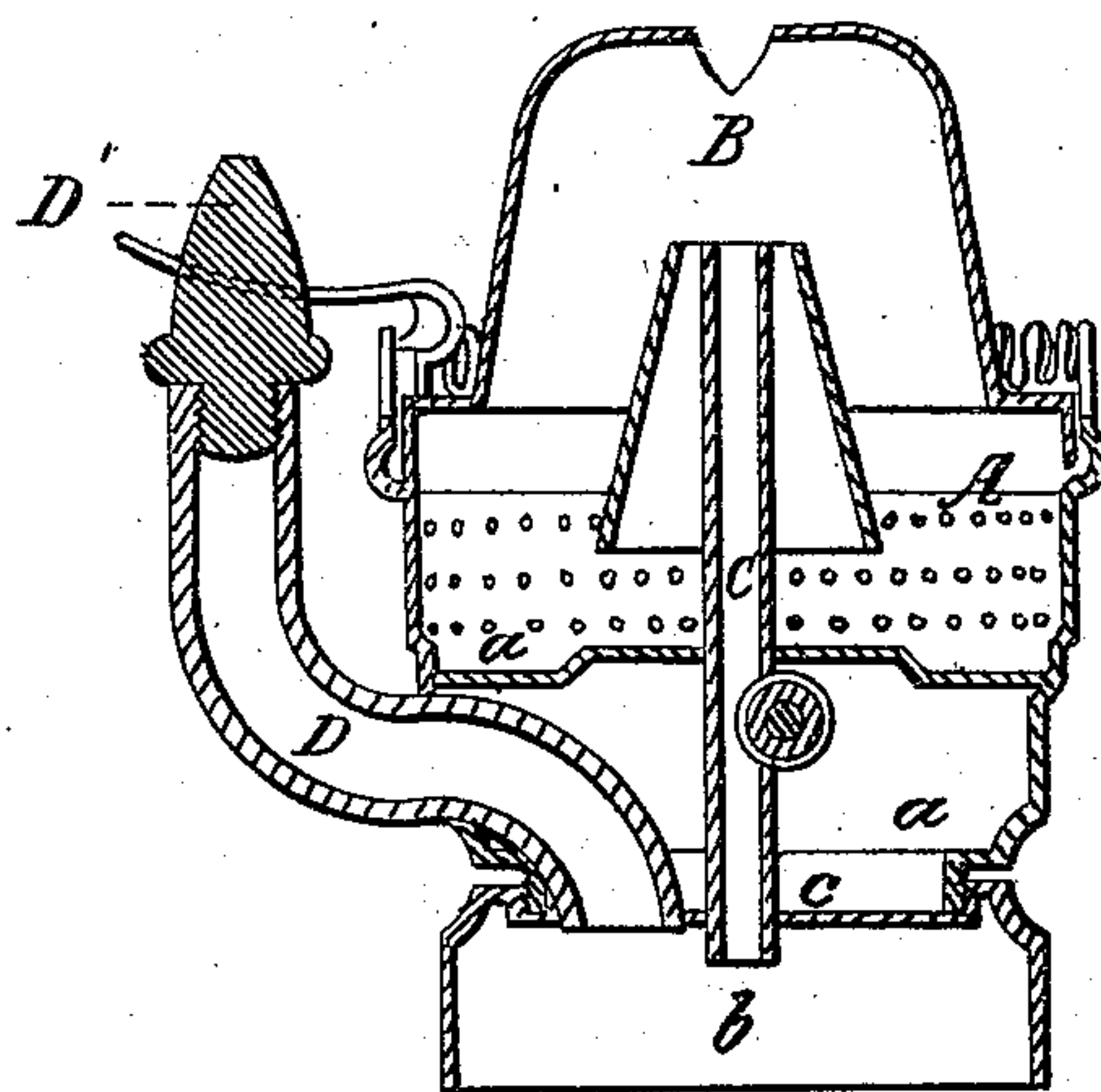
No. 31,012.

Patented Jan. 1, 1861.

*Fig: 1.*



*Fig: 2.*



Witnesses:

R. H. Hardy  
J. D. Hale Jr.

Inventor:

Calist. H. Dolbeare.

# UNITED STATES PATENT OFFICE.

CALEB H. DOLBEARE, OF BOSTON, MASSACHUSETTS.

## LAMP.

Specification of Letters Patent No. 31,012, dated January 1, 1861.

*To all whom it may concern:*

Be it known that I, CALEB H. DOLBEARE, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Burners of Lamps for Burning Kerosene or other Inflammable Oil; and I do hereby declare the same to be fully described in the following specification and illustrated in the accompanying drawings, of which—

Figure 1, is an external elevation, and Fig. 2, a vertical section of a kerosene burner provided with my invention.

The nature of my improvement consists in the arrangement of a filling tube so as to pass down through and out of the cap of the burner substantially in manner as hereinafter specified and for the purpose of enabling the lamp to be supplied with fluid without the necessity of removing the cap.

I am aware that it is not new to apply to a lamp fountain and so as to be entirely distinct or separate from its screw cap for holding its wick tube or tubes, a filling conduit and plug or screw cap thereto and therefore, I do not claim such.

It is not always convenient to make a kerosene lamp fountain with such devices for enabling it to be supplied with fluid while its cap may be in place, and hence I have combined the filling tube directly with and so as to pass down through and out of or open out of the cap of the burner.

In the drawings, A, exhibits the burner, of which, *a*, is the cap, or wick tube carrier, while *b*, is the part which is usually applied to and connected or otherwise affixed on the wick of the lamp fountain or reservoir. The part, *a*, screws into the part, *b*, and also serves to support the cone deflector, B, that is arranged with respect to the wick tube, C, as shown in the drawings.

A filling pipe or conduit, D, opens through the bottom, *c*, of the cap and from thence extends upward in the cap and out of its side as shown in Fig. 2. A screw stopper, D', fits into the top or upper end of the said filling tube.

By pouring oil into the upper end of the said tube D, while the cap, *a*, is screwed into the part, *b*, and the latter is fixed on a lamp fountain, the said oil will run into such fountain.

I claim—

In a burner of the kind as above specified, the application or arrangement of a filling tube D, so as to pass down through the cap, *a*, substantially in manner and for the purpose as set forth.

CALEB H. DOLBEARE.

Witnesses:

R. N. EDDY,  
F. P. HALE, Jr.