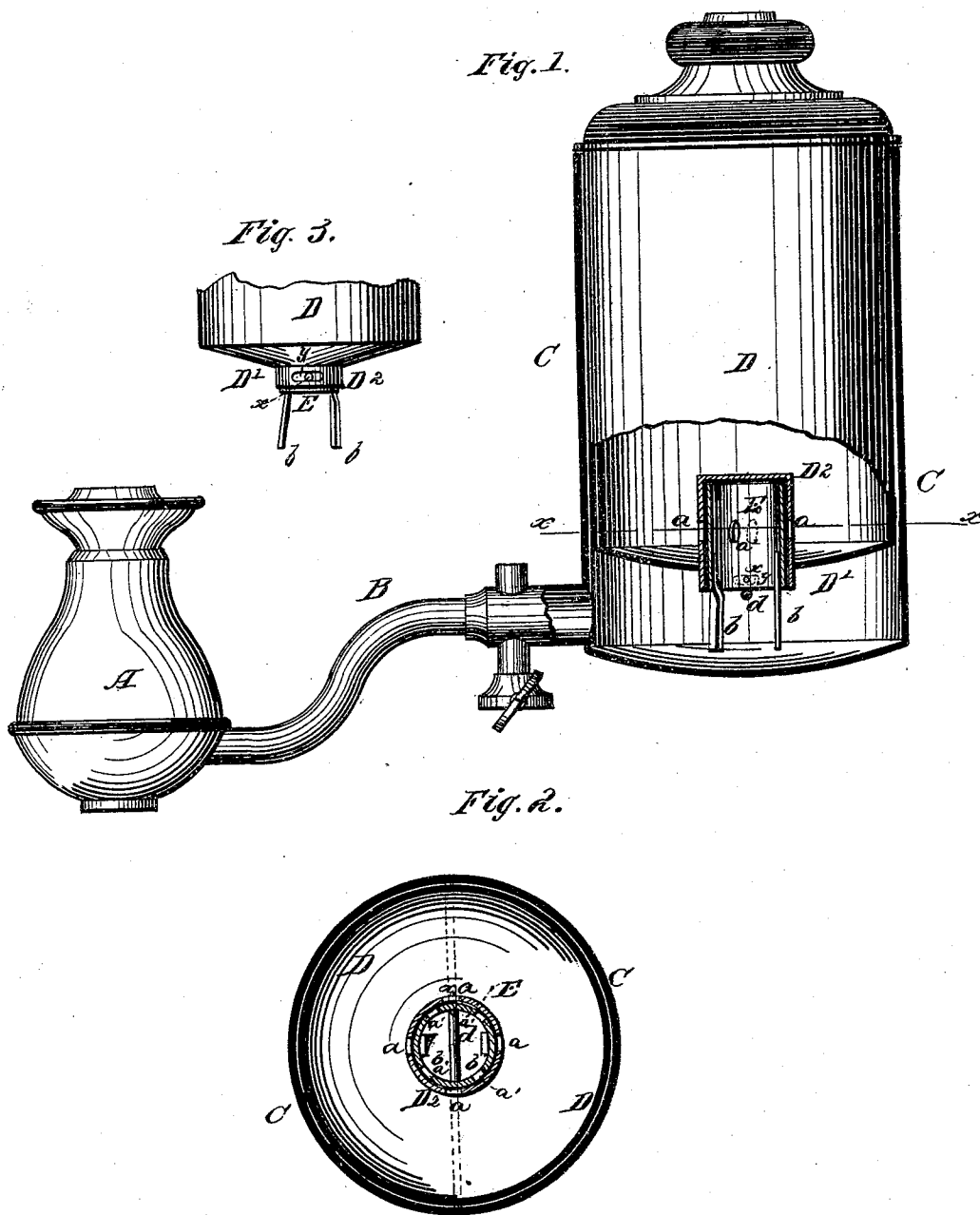


J. W. CARTER.
LAMP.

No. 170,522.

Patented Nov. 30, 1875.



Witnesses:

P. C. Dietrich

H. C. McArthur

Inventor:

John W. Carter

Per: *C. H. Watson & Co.* Attorneys.

UNITED STATES PATENT OFFICE.

JOHN W. CARTER, OF BROOKLYN, NEW YORK, ASSIGNOR TO BENNETT B. SCHNEIDER, OF NEW YORK CITY.

IMPROVEMENT IN LAMPS.

Specification forming part of Letters Patent No. **170,522**, dated November 30, 1875; application filed November 19, 1875.

CASE A.

To all whom it may concern:

Be it known that I, JOHN W. CARTER, of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Lamps; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to that class of lamps in which the burner is situated away from the oil-reservoir, and connected thereto by a pipe; and the nature of my invention consists in the construction of the oil-reservoir with its feeding apparatus, as will be hereinafter more fully set forth.

In the annexed drawing, Figure 1 is a side elevation, partly in section, of a lamp embodying my invention. Fig. 2 is a horizontal section of the oil-reservoir through the line *x*, Fig. 1. Fig. 3 is a side view of the lower end of the oil-reservoir.

A represents the burner. B is the pipe, connecting the same with the cup C, in which the oil-reservoir D is placed. The reservoir D is constructed in any suitable form, closed at the top, and provided with a concave bottom, D¹, in the center of which is fastened an inverted cup, D², having apertures *a a* in its sides above the bottom of the reservoir. In the cup D² is fitted a hollow cylindrical valve, E, having corresponding apertures *a' a'*, and

held in the cup by means of a pin, *x*, entering a slot, *y*, therein, said pin and slot also acting as stops to limit the movement of the valve. From the valve E extend two arms, *b b*, into the bottom of the cup C, which arms straddle a pin or wire, *d*, fastened in said cup.

By simply turning the reservoir D, the valve is made to open or close the apertures *a*, and it will be seen the valve registers from the side, thus admitting all the oil in the reservoir to be discharged into the bottom of the cup.

This device is simple, easily operated, and not liable to get out of order.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination, with the oil-reservoir D, of the concave bottom D¹, inverted cup D², with apertures *a*, and hollow cylindrical valve E, with apertures *a'*, constructed as shown and described, to register from the side, substantially as herein set forth.

2. The combination of the valve E, arranged in the bottom of the oil-reservoir D, and provided with the arms *b b*, and the pin or wire *d* in the cup C, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

JOHN W. CARTER.

Witnesses:

JAMES C. SHEFFIELD,
W. H. TRIPP.