

G. CHAPPEL.
LAMP.

No. 190,004.

Patented April 24, 1877.

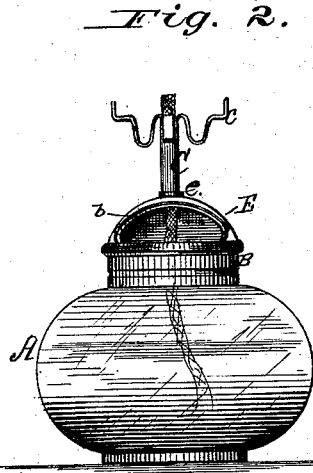
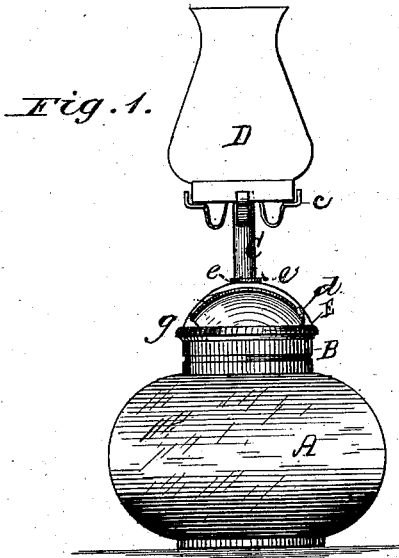
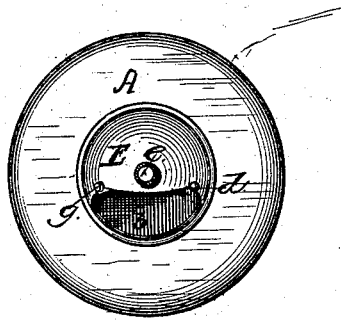


Fig. 3.



Attest
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UNITED STATES PATENT OFFICE.

GEORGE CHAPPEL, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN LAMPS.

Specification forming part of Letters Patent No. **190,004**, dated April 24, 1877; application filed March 28, 1877.

To all whom it may concern:

Be it known that I, GEORGE CHAPPEL, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Lamps, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing.

This invention relates to certain improvements in lamps, its object being to simplify and cheapen the construction of the same, and provide a lamp that can be conveniently filled without removing the cap of the same for the purpose.

My invention consists of a lamp provided with a collar, having a hemispherical top with an opening therein, in combination with a rotating or partially-rotating dome-shaped cap, provided with an opening corresponding with the opening in the dome-shaped top of the collar, the wick-tube, which is provided with a series of arms at its upper end, made in one piece with said tube, being secured to the dome-shaped top of the lamp-collar at its center, and serving as a pivot, around which the cap rotates in order to open or close the lamp, the cap being permanently secured to the lamp, as more fully hereinafter set forth.

In the drawings, Figure 1 represents a side view of my improved lamp, showing the cap closed; Fig. 2, a similar view, showing the cap closed; and Fig. 3, a top view of the lamp, showing the cap open.

The letter A represents the body of the lamp, and B a collar, secured permanently to the neck thereof. Said collar is provided with a dome-shaped top, having an opening, *b*, at one side, to the center of which is secured the wick-tube C, the latter being provided with three or more arms, *c*, formed of the same piece of metal, and bent into proper shape to support the chimney or shade D.

The letter E represents a rotating or semi-rotating cap, similar in configuration to the dome-shaped top of the collar, and provided

with a corresponding opening, *b*. Said cap is secured over the dome-shaped top of the collar, an aperture being made at its center, through which the wick-tube C passes. Said wick-tube is provided with a shoulder, *e*, just above the cap, which serves to confine said cap on the dome-shaped top of the collar, the cap being capable of rotating or partly rotating around the wick-tube. In the present instance the cap is represented as having only a partial rotation, its motion being limited in both directions by means of lugs *d*, stamped up at each side of the opening in the top of the lamp-collar, which enter into the recesses *g* in the rotating cap when the same is fully opened or closed. The lower edge of the cap is milled or roughened to facilitate turning.

I do not claim any peculiar formation or color of lamp globe or chimney, as any of the well-known chimneys or globes can be used.

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

1. The wick-tube C, having arms *c* for supporting the chimney or globe, in combination with the collar B, having the opening *b*, and provided with a movable cap, said cap having its axis on the wick-tube C, substantially as described.

2. In combination with collar of the lamp, provided with a dome-shaped top, having an opening therein, the rotating cap secured on the top of the collar, and the wick-tube passing through said cap, and secured to the dome-shaped top, said tube having supporting-arms formed in one piece therewith, and a shoulder for confining the cap in place, substantially as herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 27th day of March, 1877.

GEO. CHAPPEL. [L. S.]

Witnesses:

W. HAUFF,
E. F. KASTENHUBER.