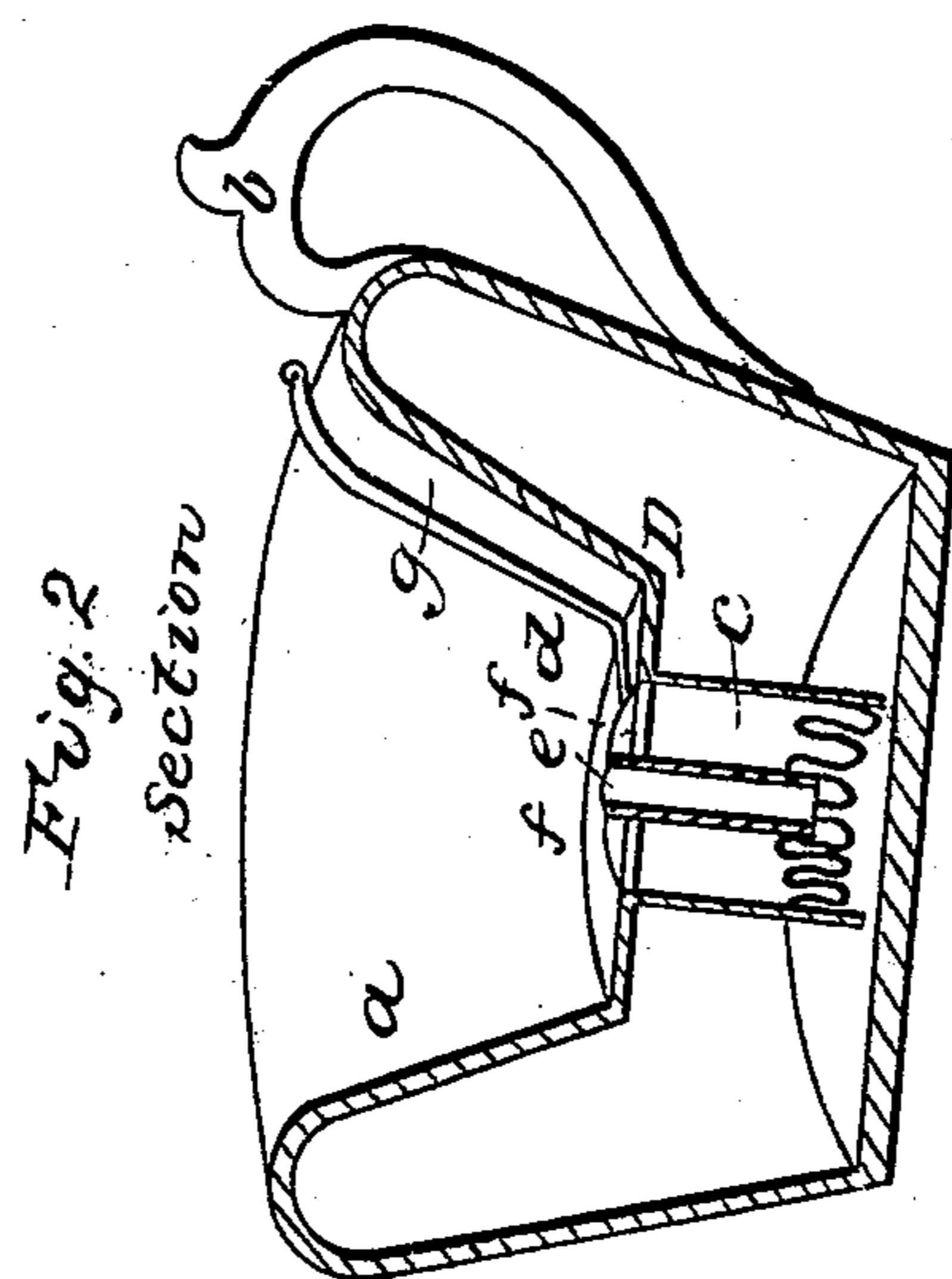
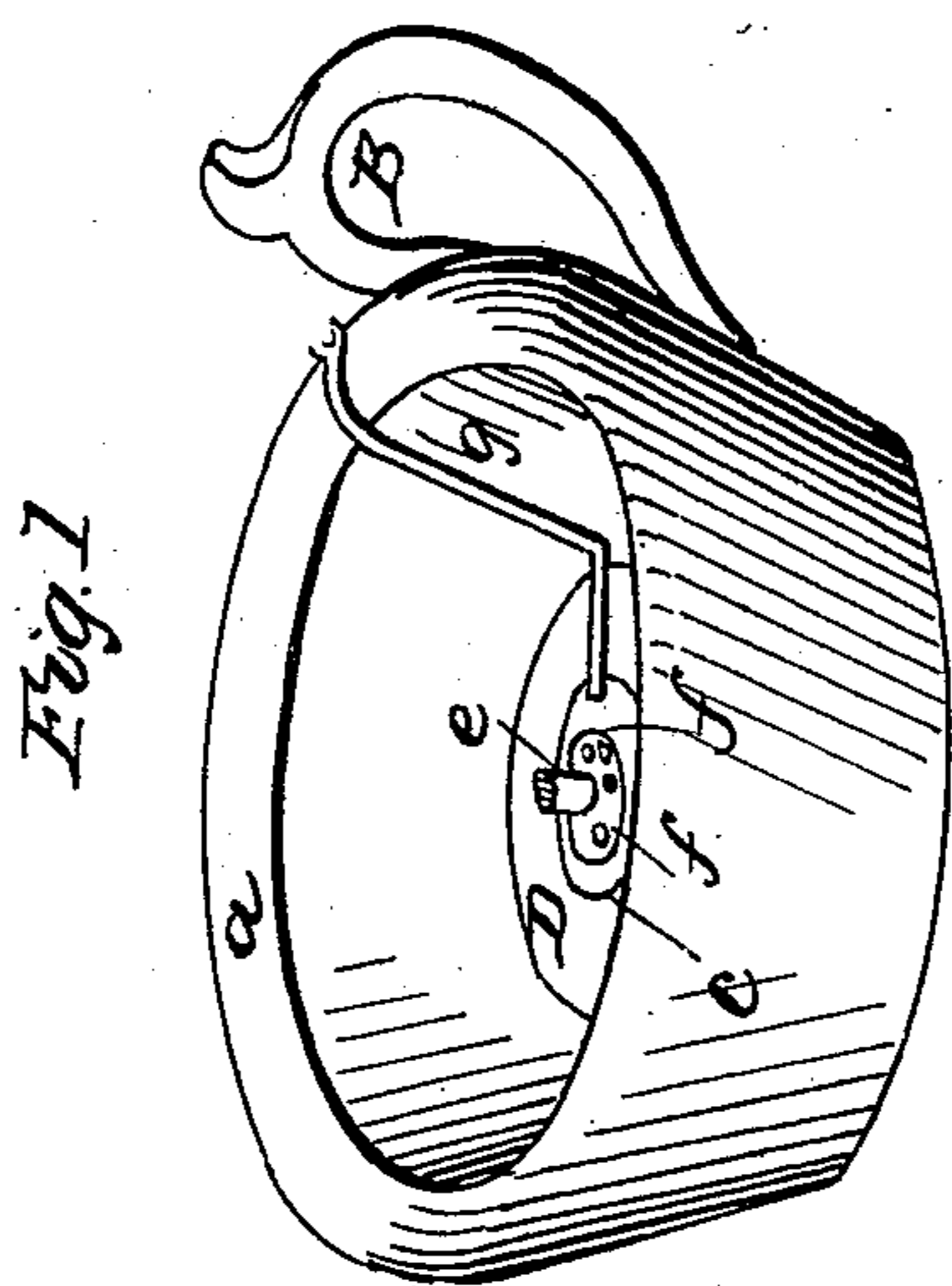


T. F. STRONG.

Lamp.

No. 4,639.

Patented July 20, 1846.



UNITED STATES PATENT OFFICE.

THEO. F. STRONG, OF NEW YORK, N. Y.

LAMP.

Specification of Letters Patent No. 4,639, dated July 20, 1846.

To all whom it may concern:

Be it known that I, THEODORE F. STRONG, of the city, county, and State of New York, have invented a new and useful Improvement in Night-Lamps, which I have entitled "Strong's Masonic Night-Lamp;" and I do hereby declare that the following is a full and exact description.

The nature of my invention consists in taking an ordinary glass night lamp when in process of making at the glass blowers, and depressing the top, where the wick tubes are inserted, downward in such a manner as to elevate the sides some one or more inches above the top of the wick tubes when inserted. But to describe more particularly its construction and operation reference will be made to the accompanying drawings.

I construct my lamp of glass, first having prepared a mold of the shape I design the lamp, and place it in the hands of the glass blower, who immediately proceeds to make it in the ordinary way of making glass ware. Having obtained lamp cup I next insert the wick tubes, of shape and form as herein described and represented in the drawings and the lamp is then ready for use.

Figure 1, is a perspective view of the lamp. Fig. 2, is a sectional view, showing the interior of the lamp.

Letter *a*, (Fig. 1,) represents the general structure of the lamp.

Letter *b*, is the handle of the lamp, *c*, the brass socket in which the wick tube is inserted, *d*, the depressed surface of the lamp, *e*, wick tube; *f, f, f, f*, four vent holes in the socket; *g*, a small wire lifter, with a thumb piece resting over the top of the lamp, to lift the socket and wick tubes out of the cup when renewing the oil.

In Fig. 2, of the sectional view *a* is a form of the lamp cup; *b*, the handle; *c* the socket having a scalloped bottom to stand on, to admit the oil being taken up by the wick; *d*, the top of the lamp as depressed below the sides of the cup; *e*, the wick tube; *f, f*, vent holes; *g*, lifter to the socket.

In the construction of this lamp I do not claim the invention of any new material of which the lamp is made, nor the mode of using the socket and wick tube, by inserting it into a cup of oil; but

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

The particular form which I give to the lamp cup, that is by depressing the top of the lamp cup, where the wick tubes are inserted, downward in such a manner as to elevate the sides of the cup some one or more inches above the top of the wick tube, and thereby surrounding the flame of the lamp with a transparent shield, for when a lamp cup is depressed in the center in this manner it forms a hollow rim around the sides and top of the lamp, which is intended as a protection against the numerous accidents occurring every day, by oversetting of lamps and spilling the oil, or setting on fire articles coming into contact with it when overset; in this lamp instead of the oil, when overset running out at the vent holes, or the top (or socket) should it fall out the oil runs into the sides, which being large enough to hold all the oil, prevents any spilling, and at the same time surrounding the flame.

T. F. STRONG.

Witnesses:

JESSE MORRILL,

G. WASHINGTON WARREN.