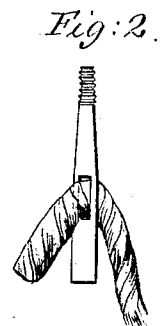
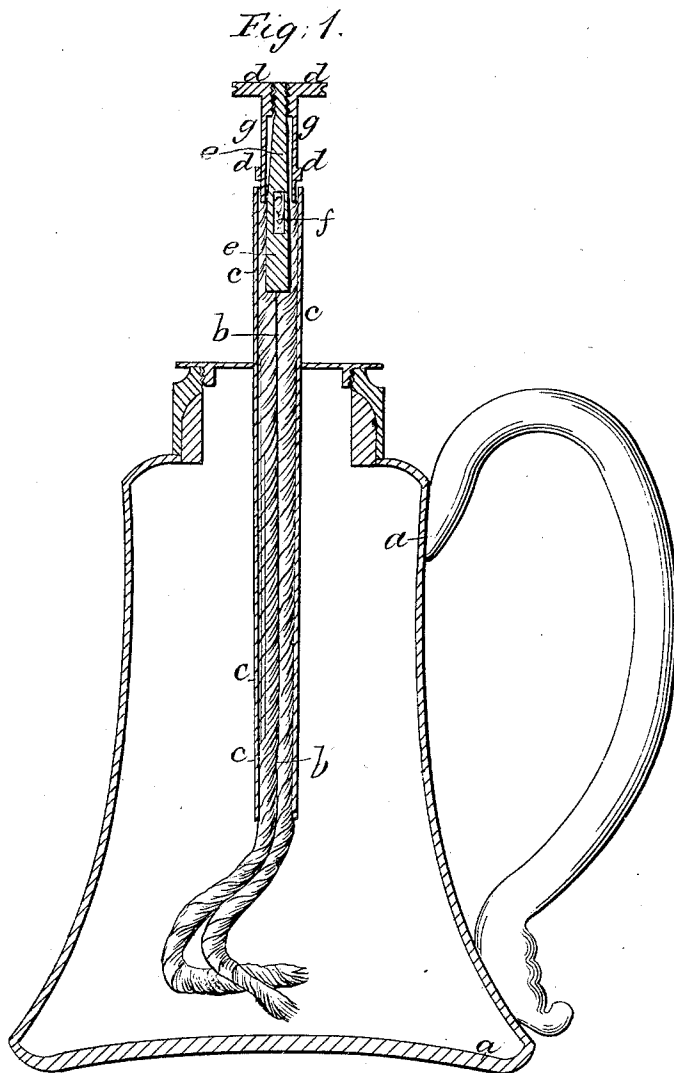


H. BATEMAN.

Lamp.

No. 20,386.

Patented May 25, 1858.



Witnesses.
Albert W. Brown
Joseph Garrett

Inventor.
Horatio Bateman

UNITED STATES PATENT OFFICE.

HORATIO BATEMAN, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO WM. F. BATEMAN, OF HARVARD, MASSACHUSETTS.

VAPOR-LAMP.

Specification of Letters Patent No. 20,386, dated May 25, 1858.

To all whom it may concern:

Be it known that I, HORATIO BATEMAN, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new
5 and useful Improvements in Fluid-Lamps; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying
10 drawings and to the letters of reference marked thereon.

My invention relates to an improvement in that class of fluid lamps in which gas is generated by heat imparted to a wick which does not come in contact with the flame, the
15 wick being heated for the purpose of generating the gas by means of a spur or tongue extending into the wick. My improvement consists in the peculiar construction of the said tongue or spur.

20 In order to enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and operation, reference being had to the drawings which form a part of this specification.

25 Figure 1 is a central vertical section of a fluid lamp with my improvements applied thereto. Fig. 2 is a view of the tongue or spur.

30 In my improved lamp *a* represents the reservoir or receptacle for the fluid.

b is the wick, *c* the wick tube and *d* the cap arranged as shown in Fig. 1. The spur or tongue *e* is screwed into the hollow stem of the cap *d* and has a hole or eye *f* formed
35 near its bottom. Through this eye *f* the wick *b* is drawn and held in place. The gas generated issues through the small holes *g g*.

In these kind of fluid lamps, the insertion of the spur or tongue, which is to heat the wick, as ordinarily constructed crowds down
40 and displaces the wick sometimes jamming the wick so tightly against its tube as to cause it to gum up and thereby prevent the light from burning freely. By constructing
45 the tongue with the eye *f* it will be seen that this difficulty is obviated, as the wick is held in the spur or tongue and moves with it, and can not possibly be displaced or jammed in the wick tube *c*.

Having thus described my improvements
50 I shall state my claim as follows:

What I claim as my invention and desire to have secured to me by Letters Patent is—

Constructing the spur or tongue *e* with a suitable eye for the insertion and retention
55 of the wick, as set forth.

HORATIO BATEMAN.

Witnesses:

JOSEPH GAVETT,
ALBERT W. BROWN.