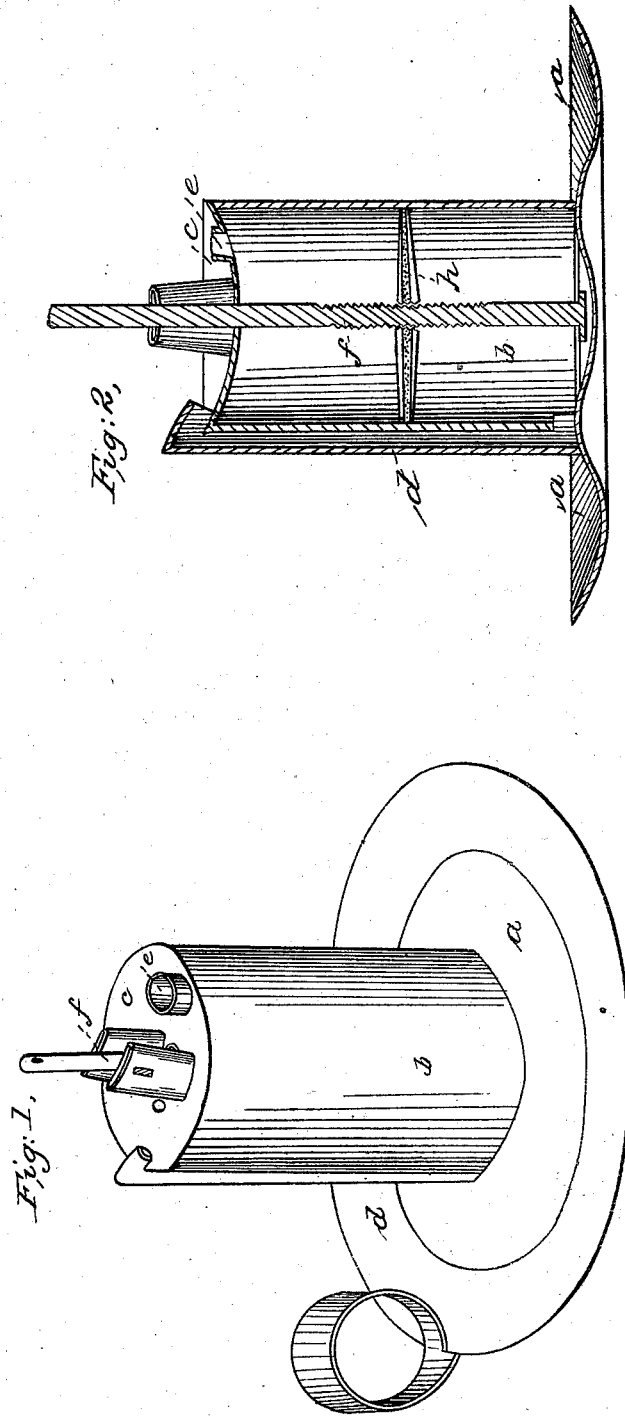


H. ROSE.
Lamp.

No. 3,206.

Patented Aug. 4, 1843.



UNITED STATES PATENT OFFICE.

HENRY ROSE, OF RUSHVILLE, ILLINOIS.

LARD-LAMP.

Specification of Letters Patent No. 3,206, dated August 4, 1843.

To all whom it may concern:

Be it known that I, HENRY ROSE, of Rushville, in the county of Schuyler and State of Illinois, have invented a new and useful Improvement in Lard-Lamps; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, in which—

Figure 1, is an outside view; Fig. 2, a vertical section.

The nature of my invention consists in adding a ventilator to the lamp for communicating with the chamber below the piston and projecting the end of the screw that elevates the piston above the wicks, so that it can be turned without moving the lamp by which means the lamp is less liable to leak or get out of order.

In constructing my lamp the stand (*a*) is formed in the usual way and to it is attached a cylinder (*b*) of sufficient capacity to contain the necessary quantity of lard for use; on the top of this cylinder a cap (*c*) is firmly affixed, in which the tubes which hold the wicks are inserted; said cap is concave on its upper side; in its center there is a hole, and on one side there is a short tube (*e*) by which it can be filled. To one side of the cylinder (*b*) a tube (*d*) is joined, the lower end of which opens into the cylinder near the stand, and its upper end is brought up and turns over into the cup, formed by the cap (*c*). A screw (*f*) is put upright in the center of the cylinder and projects up

through the center hole in the cap above the wick tubes; on its lower end there is a head that fits into a recess in the stand made to receive it so that it cannot rise or fall, but has freedom to revolve in its place. A piston (*h*) is made to fit the inside of the cylinder and is packed tight; the center of this piston is pierced and a female screw is cut on it, through which the screw (*f*) works. The screw (*f*) has a hole in its upper end in which a rod can be inserted to turn it by, and by means of it the piston can be raised or lowered. When the piston is at its lowest point, the chamber above it is filled with lard; when this burns down the piston is raised so as to keep the lard always up to the wick until all is consumed; but if any of it should leak through below, the piston when it is lowered down again the lard will be driven up through the tube (*d*) into the cup of the cap without spilling over.

What I claim as my invention and desire to secure by Letters Patent is—

1. The projection on the screw (*f*) above the wicks of the lamp by which it can be turned, in combination with the lamp constructed and arranged as herein specified.

2. I also claim the tube (*d*) combined with the movable piston lamp in the manner and for the purpose herein described.

HENRY ROSE.

Witnesses:

J. J. GREENOUGH,
JOHN HITE.