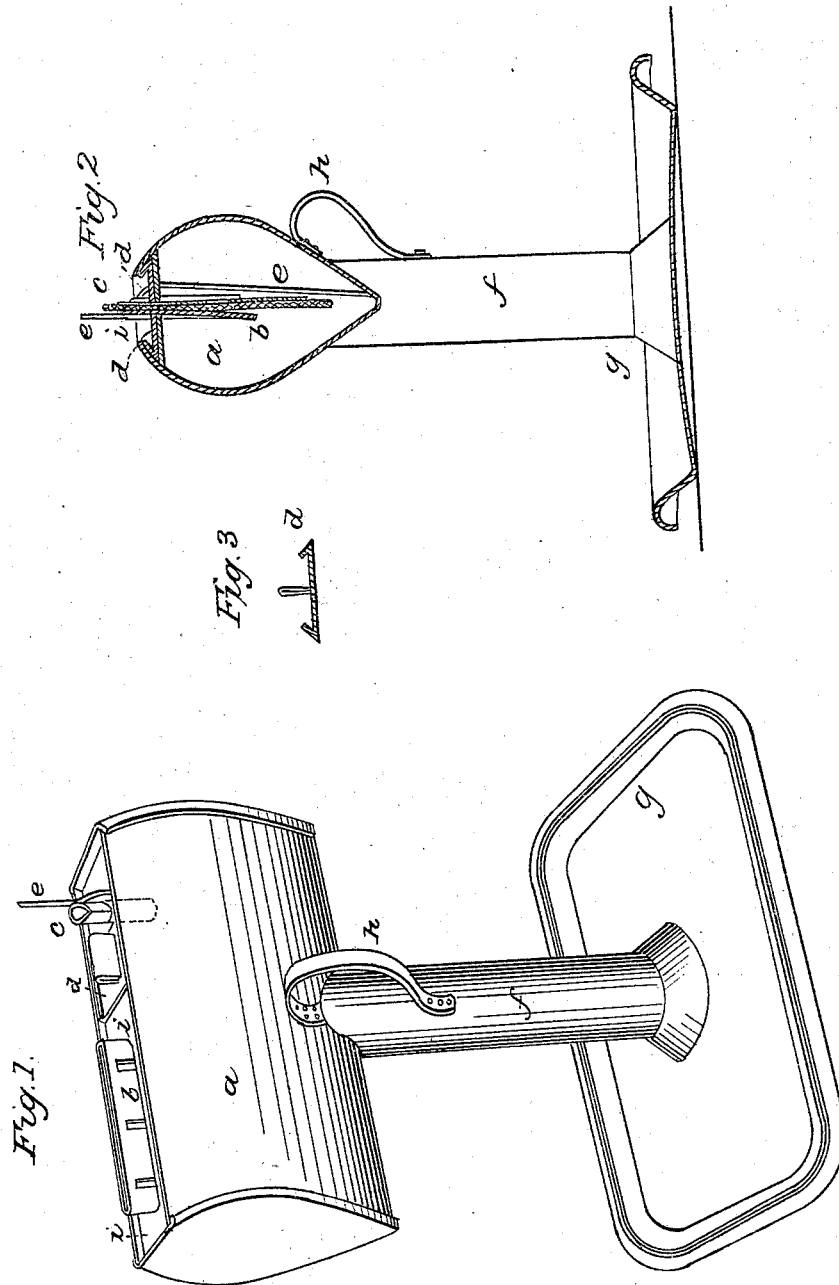


D. KINNEAR.
Lamp.

No. 7,921.

Patented Feb. 4, 1851.



UNITED STATES PATENT OFFICE.

DELAMAR KINNEAR, OF CIRCLEVILLE, OHIO.

LARD-LAMP.

Specification of Letters Patent No. 7,921, dated February 4, 1851.

To all whom it may concern:

Be it known that I, DELAMAR KINNEAR, of Circleville, in the county of Pickaway and State of Ohio, have invented a certain new and useful Improvement in Lamps, which is described as follows, reference being had to the annexed drawings of the same, making part of this specification.

Figure 1 is a perspective view of the lamp. Fig. 2 is a vertical section of ditto. Fig. 3 is an end elevation of the slide cover or stopper.

Similar letters in the several figures refer to corresponding parts.

15 The nature of my invention and improvement consists in forming a chamber *i* of the form of a section of a frustrum of a pyramid in its cross section above the ordinary chamber that contains the liquid for producing the light so as to make the sides of said chamber perform the two offices of side chambers for preventing the spilling or waste of the liquid lard, or oil, when the axis of the lamp is made to deviate from a perpendicular line and assume a horizontal position, or an approximation thereto, in handling the lamp carelessly, and as side channels, or dovetail grooves, for the slide or cover to move in when a slide cover or stopper is substituted for a screw cap stopper.

30 *a* is the main reservoir for holding the lard or other article employed to produce the required light. *b* is a flat wick tube extending down into the reservoir so as to act as a wick holder and lard heater, being secured to the bottom of the upper reservoir.

c is a round wick tube for a round wick to be used as a night light when the flat wick light is extinguished.

40 *d* is a slide for opening and closing the aperture through which the reservoir is filled, said slide having its edges corresponding in shape with the aforesaid side channels or grooves.

e is a metallic heater for keeping the lard in a liquid state during the night, said heater extending down into the reservoir and attached to its bottom.

f is the stem or standard of the lamp for supporting the reservoir, being attached to the tray or bottom *g*.

h is the handle of the lamp attached to the stem or standard.

This lamp is generally composed of tin 55 or any other suitable material, and is as well adapted for burning oil as lard.

Having thus described my invention and improvements in lamps, I disclaim the invention of every part of the lamp except the angular chambers *i* or grooves above the reservoir *a* on either side of the wick tubes *b*, *c*, for preventing the spilling or waste of the oil when the stem of the lamp is held in a horizontal or inclined position; and also the dovetailed slide *d*, and the aforesaid angular channels or grooves *i*.

I claim as my invention—

1. In combination with a lamp of the peculiar form and construction represented in the annexed drawings; or other form substantially the same, said channels or grooves serving also to receive and hold the sliding cover *d* used for closing the supply opening instead of the ordinary screw cap; and in combination with the aforesaid angular channels.

2. I also claim the said sliding cover *d* when made with correspondingly shaped sides to fit and move in said channels, all as herein described and represented.

In testimony whereof I have hereunto signed my name before two subscribing witnesses.

DELAMAR KINNEAR.

Witnesses:

T. C. DONN,
D. S. WELLE.