

D. LORDON.
Lanterns.

No. 153,003.

Patented July 14, 1874.

Fig. 1.

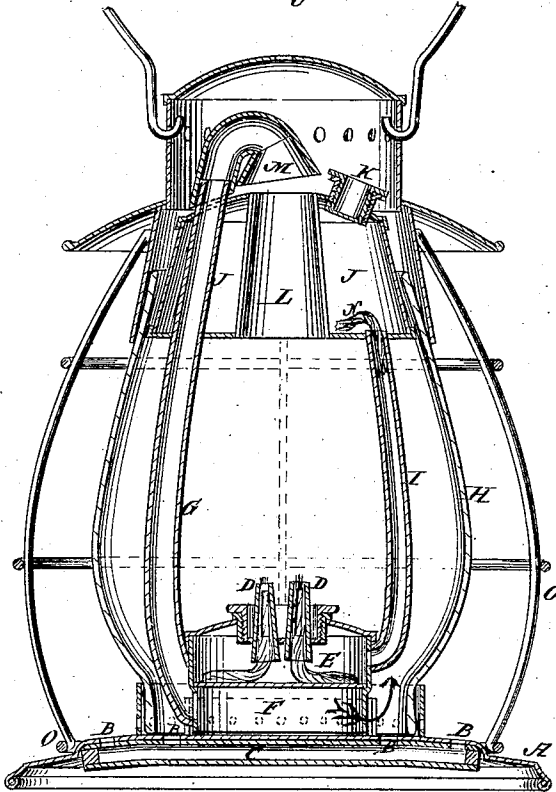
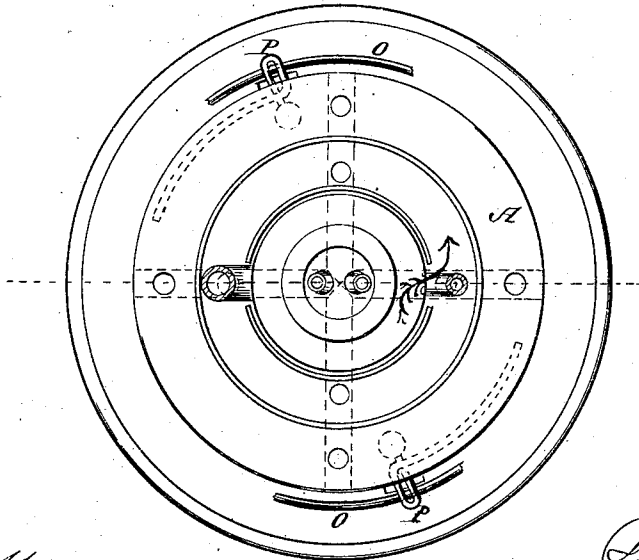


Fig. 2.



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IMPROVEMENT IN LANTERNS.

Specification forming part of Letters Patent No. **153,003**, dated July 14, 1874; application filed May 29, 1874.

To all whom it may concern:

Be it known that I, DANIEL LORDON, of Fremont Centre, Newayga county, Michigan, have invented a new and useful Improvement in Lanterns, of which the following is a specification:

The invention will first be fully described, and then pointed out in the claim.

Figure 1 is a vertical section of Fig. 2, taken on the line *x x*, and Fig. 2 is a view of the reverse side of the bottom of the lantern.

Similar letters of reference indicate corresponding parts.

The bottom or base of the lantern A is made double, with a series of holes, B, connecting with the hollow space C, for purposes of ventilation. D D are the wick-tubes in the chamber E. F is a chamber beneath the wick-chamber. G is a tube, connected with the chamber F, which passes upward through the globe H. I is the oil-tube. J is the oil-reservoir. This oil-tube I connects the oil-chamber with the wick-chamber E. This tube, it will be seen, is within the globe. The oil is introduced through the orifice K into the reservoir, and is conveyed down to the wick-chamber E by the tube I. N is a wick in the end of the tube I, which may be adjusted from the ori-

fice K, to allow the oil to flow to the wick-chamber fast or slow, as may be desired. L is an opening through the oil-reservoir. M is an inverted funnel over this opening, connected with the tube G, by which heat is conducted down beneath the wick-chamber E.

It will be noticed that the tube G passes through the oil-chamber, and as a strong current of heated air passes up through the opening L, and is caught by the inverted funnel M, on the end of the tube, the oil in the wick-chamber is soon heated, and the burners consequently afford a clear and bright flame.

The guard or fender O of the lantern is held to the base A by means of catches P P in the springs. (Seen in dotted lines in Fig. 2.)

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The oil-chamber E, pipe I, oil-reservoir J having central tube L, pipe G having funnel M, and the chamber F, combined in the manner and for the purpose specified.

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Witnesses:

DENNIS LORDON,
T. LORDON.