

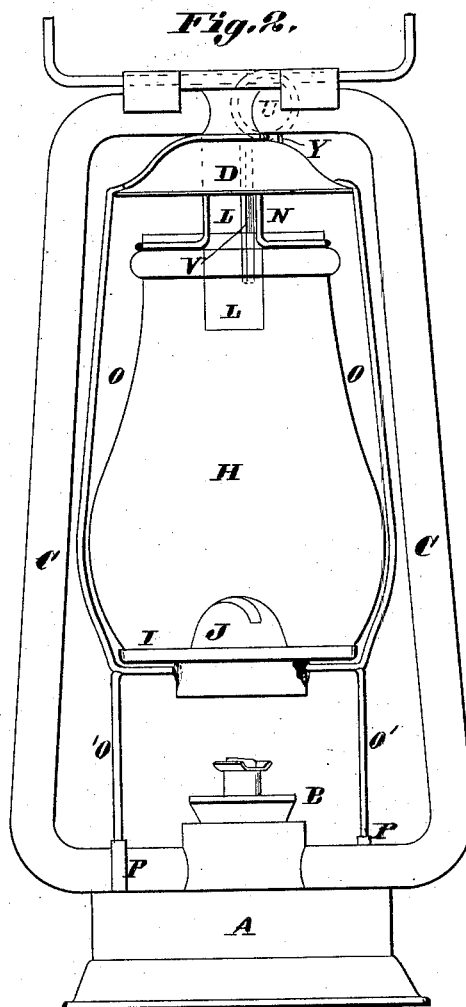
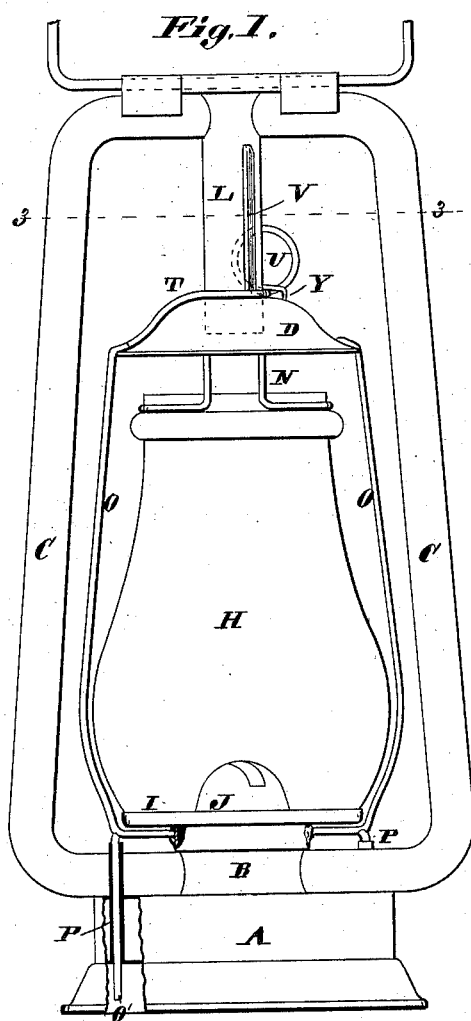
(No Model.)

F. MEYROSE.

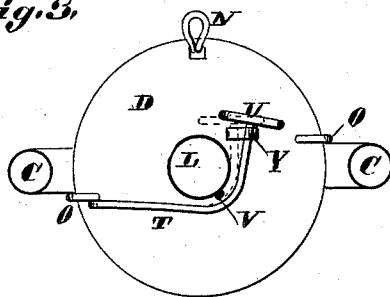
LANTERN.

No. 306,343.

Patented Oct. 7, 1884.



*Fig. 3.*



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# UNITED STATES PATENT OFFICE.

FERDINAND MEYROSE, OF ST. LOUIS, MISSOURI.

## LANTERN.

SPECIFICATION forming part of Letters Patent No. 306,343, dated October 7, 1884.

Application filed October 1, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, FERDINAND MEYROSE, of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Lanters, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, and in which—

Figure 1 is a side elevation, the burner-cone, disk, and globe being in their normal position, and Fig. 2 is a similar view, showing the burner-cone, disk, and globe raised. Fig. 3 is a transverse section taken on line 3 3, Fig. 1.

I have shown my improvements applied to a tubular lantern; and they consist in features of novelty, hereinafter fully described, and pointed out in the claims.

Referring to the drawings, A represents the base, B the burner, C the tubes, D the cap, H the globe, I the disk, and J the cone, of an ordinary lantern. The cap or collar D surrounds and is capable of vertical movement on a tube or post, L, depending from the top of the lantern. The top of the globe is supported or held in place by a wire, N, secured to the cap or collar. The outer edge of the collar is connected to the cone J by wires O, soldered to the cone and holding the disk I tight against the globe. The wires O are suitably guided. I have shown them guided by means of extensions O' secured thereto and depending therefrom and passing down through guide-tubes P secured to the base of the lantern. It will now be seen that the globe can be raised into the position shown in Fig. 2, the collar sliding on the tube L, and as it is raised it carries the cone and disk with it, thus removing the cone from the burner, as shown in Fig. 2. When it is desired to fill the reservoir, clean or trim the wick, or light the burner, the globe can be raised, as above described, and the cone being secured to the collar by

the wires O it is raised with the disk and globe from the burner, avoiding the necessity of removing it separately, which is a great convenience, for it is nearly always oily and often cannot be conveniently laid down, and all danger of it being lost is avoided. The globe is held in its lower and upper positions by a spring-wire catch, T, secured by one end to the collar D, and being bent to partly surround the tube or post L, its free end being provided with a finger ring or loop, U, by which it can be pulled back to disengage it from a rib, V, secured to the post L. The spring engages with the bottom and top of the rib to hold the globe in its lower and upper positions respectively. By having the free end of the spring pass through a staple, Y, secured to the collar, the globe can also be raised by it when it is pulled back.

I claim as my invention—

1. In a lantern, the combination, with a post, L, and base A, connected together, of the cap D, cone J, and wires O, the cone being secured to the cap by the wires, so as to be elevated therewith, as set forth.

2. In a lantern, the combination, with the post L, base A, connected to the post, cap D, wires O, having extensions O', and guides P for the extensions, of the cone J, secured to the cap by means of the wires, as set forth.

3. In a lantern having a vertically-movable globe, the spring-catch secured to the collar and bent to partly surround the tube, its free end passing through a guide-staple secured to the collar and being bent to form a finger-loop, in combination with the rib on the tube, with the opposite ends of which the spring engages to hold the globe in its upper and lower positions, substantially as set forth.

FERDINAND MEYROSE.

Witnesses:

GEO. H. KNIGHT,  
EDW. E. ISRAEL.