

(No Model.)

F. MEYROSE.

LAMP.

No. 387,897.

Patented Aug. 14, 1888.

Fig. I.

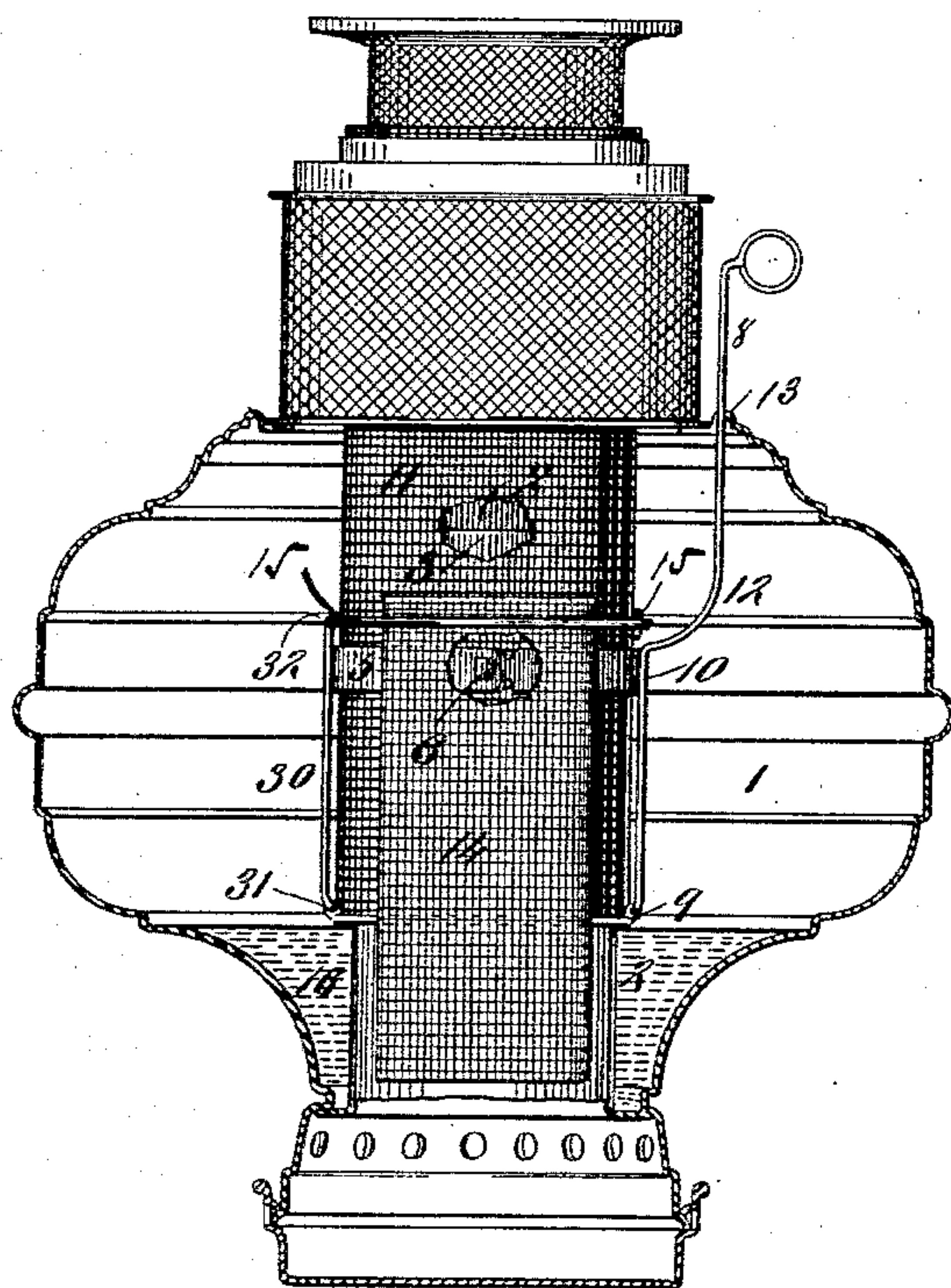


Fig. II.

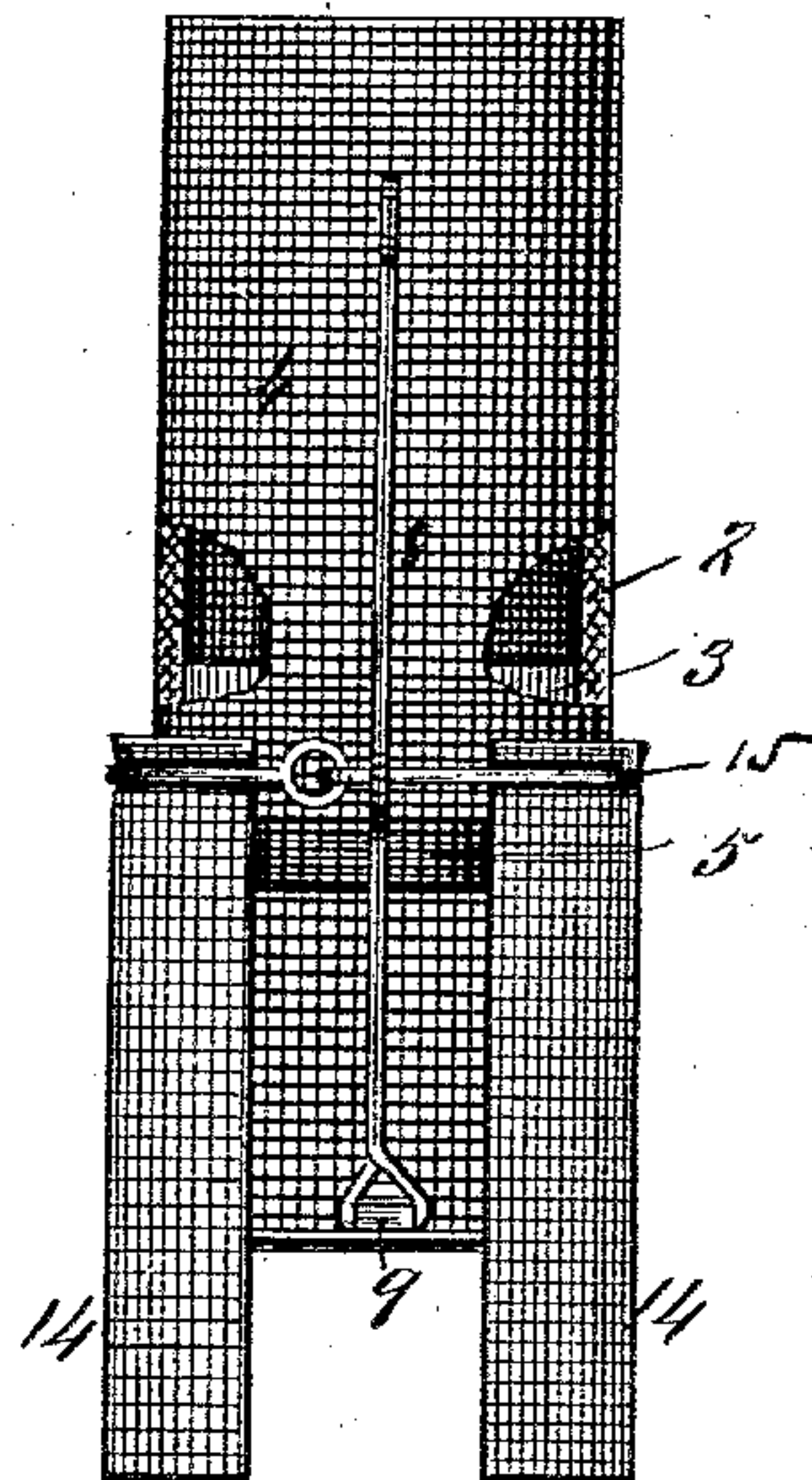
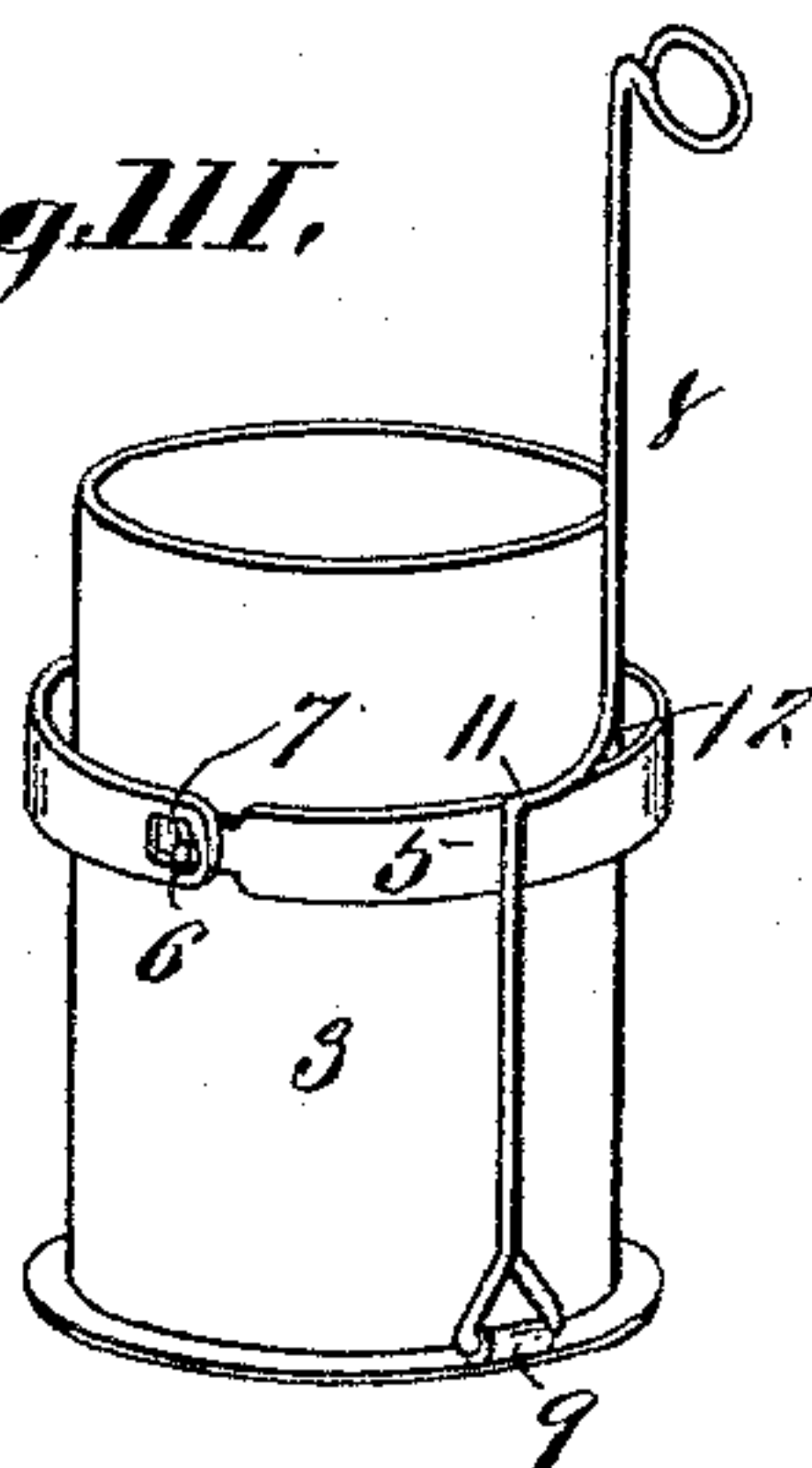


Fig. IV.



Fig. III.



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LAMP.

SPECIFICATION forming part of Letters Patent No. 387,897, dated August 14, 1888.

Application filed February 16, 1888. Serial No. 264,217. (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 Lamps, 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 I is a vertical section through a lamp embodying my invention. Fig. II is a side elevation showing the wicks and the adjustable sleeve and adjusting-arm. Fig. III is a perspective view of the sleeve, adjusting-arm, and device for holding the wick on the sleeve; and Fig. IV is a perspective view of the device for holding the supplemental wicks.

My invention relates to an improvement in lamps; and it consists in features of novelty hereinafter fully described, and pointed in the claims.

Referring to the drawings, 1 represents the body of the lamp.

2 represents a central air-tube, and 3 represents a sleeve fitting over the tube 2. To this sleeve the wick 4 is secured by suitable means, my preferred means consisting of a ring, 5, having at one end a hook, 6, and at the other end a hole or eye, 7. The hook is made to engage the eye after the wick has been slipped over the sleeve, as shown in Fig. III, and thus holds the wick on the sleeve. When it is desired to renew the wick or to shift it on the sleeve, all that is necessary to do is to pinch or press inward on the end of the ring having the hook 6, and the parts will be disengaged, allowing the wick to be removed and another applied, when the parts would be connected again.

8 represents an arm secured to the sleeve at 9, and to this arm the ring 5 is preferably secured, as shown at 10, Fig. I. This keeps the ring in place and supports it when its ends are disconnected. I prefer to hinge the arm to the sleeve at 9, as shown in Fig. III, and to extend it upward in a straight line to a point, 11, and then bend it outwardly and upwardly, as shown at 12. The object of thus forming the arm is to make a spring of its upper end, so that it will bear with considerable force against the body of the lamp at 13, and the object of this is to produce so much friction between the arm and the body of the lamp that the sleeve 3, and ac-

cordingly the wick, which is moved by the arm, will be held to any adjustment.

The sleeve 3 surrounds the inner tube, 2, as shown and stated, and by pressing slightly inward on the arm 8 the sleeve can be easily raised or lowered, and then when the arm is released the sleeve will be held to its adjustment, as stated, by the pressure of the arm upon the body of the lamp at 13.

14 represents short pieces of wicking secured on the sleeve 3 outside of the wick 4 by means of a ring, 15. The function of these wicks, which extend down into the lower portion, 16, of the lamp, is to convey the oil from this portion of the lamp to the wick 4, thus providing a means for the entire consumption of the oil in the lamp.

In putting the wicks 14 in place, they are simply placed within the ring 15 and then drawn down over the wick 4 into the position shown in Fig. II.

While I prefer to secure the wick 4 to the sleeve 3 by means of the ring 5, still I do not confine myself to this particular manner of connecting the parts.

The ring 15 may be secured to the sleeve on the opposite side of the sleeve from the arm 8, if desired, by means of a short arm, 30, which would be hinged to the bottom of the sleeve at 31 and connected at its upper end to the ring at 32.

I claim as my invention—

1. In a lamp, the combination of the inner tube, adjustable sleeve on the tube, wick secured to the sleeve, and an arm connected to the sleeve and bearing against the body of the lamp to hold the sleeve to its adjustment, substantially as and for the purpose set forth.

2. In a lamp, the combination of the inner tube, sleeve fitting over the tube, wick secured to the sleeve, and a spring-arm secured to the sleeve and bearing against the body of the lamp to hold the sleeve to its adjustment, substantially as and for the purpose set forth.

3. In a lamp, the combination of the inner tube, sleeve fitting over the tube, wick secured to the sleeve, and an arm hinged to the sleeve, the arm having a straight portion above and below a bent portion, 12, substantially as and for the purpose set forth.

4. In a lamp, the combination of the inner

tube, sleeve fitting over the tube, wick fitting over the sleeve, a ring provided with a hook and eye for securing the wick to the sleeve, and an adjusting-arm secured to the sleeve, substantially as and for the purpose set forth.

5. In a lamp, the combination of the inner tube, sleeve fitting over the tube, wick fitting over the sleeve, a metallic ring provided with a hook and eye for securing the wick to the sleeve, and an adjusting-arm to which the ring is secured, substantially as and for the purpose set forth.

6. In a lamp, the combination of the inner tube, sleeve fitting over the tube, wicks 14, secured to the sleeve by a ring, 15, and an adjusting-arm secured to the sleeve, substantially as and for the purpose set forth.

7. In a lamp, the combination, with the central tube, 2, of the sleeve 3, wick 4, arm 8, hinged to the sleeve, and ring 5, carried by arm 8, and having hook and eye 6 7, for securing it around the wick, as described.

8. The combination, with the reservoir having central tube, 2, of the sleeve 3, carrying wicks 4 14, and having adjusting-arm 8, hinged on one side and carrying ring 5, for securing wick 4, and arm 30, hinged on the other side, carrying ring 15, for supporting the feed-wicks 14, substantially as set forth.

FERDINAND MEYROSE.

In presence of—

EDWD. S. KNIGHT,
JOS. WAHLE.