

(No Model.)

E. LUFKIN.
LANTERN HOLDER.

No. 260,303.

Patented June 27, 1882.

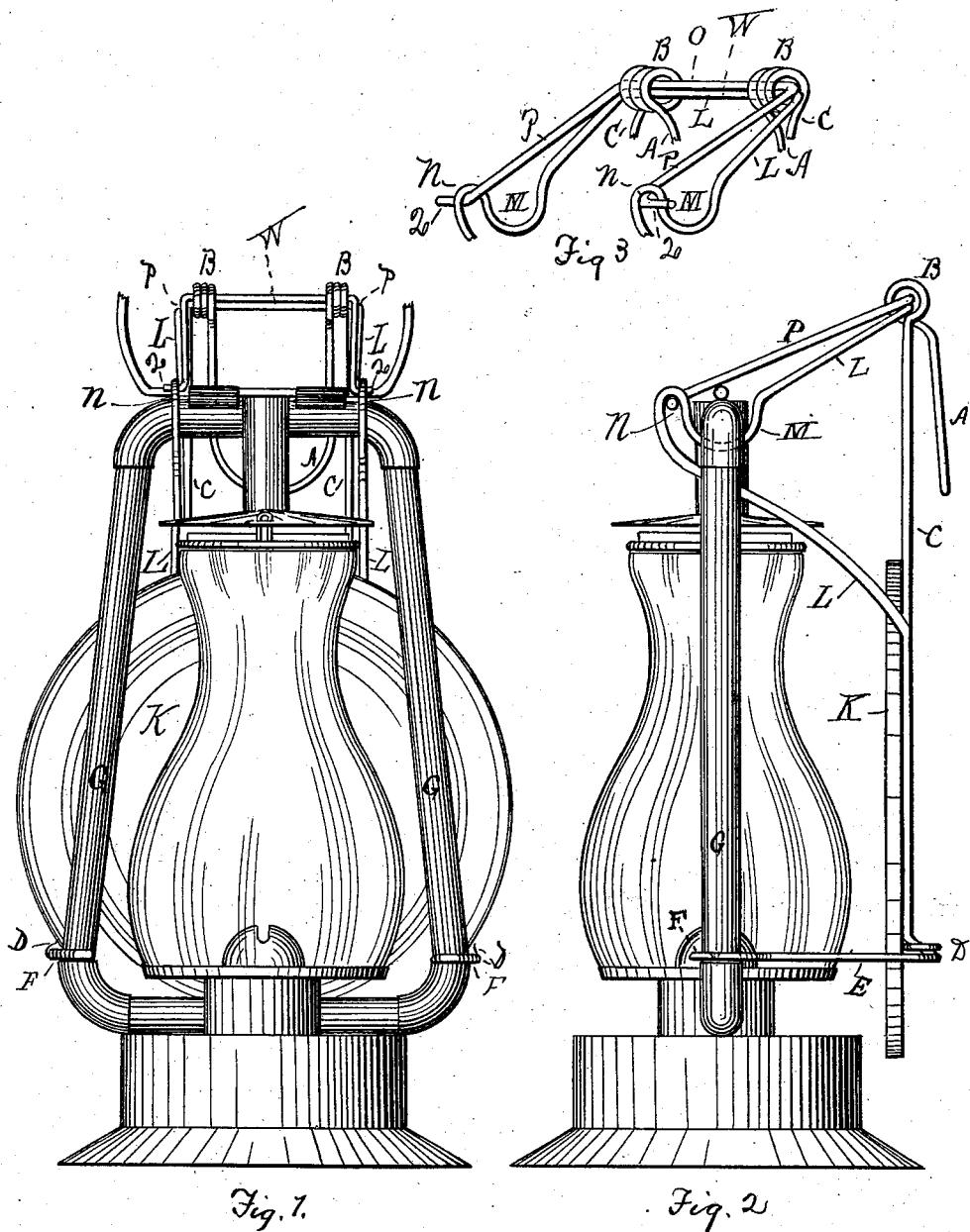


Fig. 1.

Fig. 2.

Witness
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Attest

UNITED STATES PATENT OFFICE.

EDWIN LUFKIN, OF MONROE, MAINE.

LANTERN-HOLDER.

SPECIFICATION forming part of Letters Patent No. 260,303, dated June 27, 1882.

Application filed May 9, 1882. (No model.)

To all whom it may concern:

Be it known that I, EDWIN LUFKIN, of Monroe, in the county of Waldo and State of Maine, have invented certain new and useful Improvements in Lantern-Hangers; and I do hereby declare that the following is a full, clear, and exact description of the invention, that will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 shows a front elevation of a lantern with my improvement attached; Fig. 2, a side elevation of same; Fig. 3, a detail.

Same letters show like parts.

My invention relates to improvements in lantern-hangers; and it consists in certain improvements on the lantern-hanger described in Letters Patent No. 234,045, issued to me and to Edmund H. Nealley (assignor of one-half) November 2, 1880.

My improvements are particularly adapted to that class of lanterns known as "tubular" lanterns, although applicable with but slight mechanical change to other kinds.

As in the hanger described in the patent above mentioned, a wire is bent to form a curved or like arm, A, and a spiral spring, B, is formed at each end of the arm, and the wire is then bent down straight to form the frame C. At the lower end of this frame the ends of the wire are bent at right angles, and coils D D formed, having the tendency to press the hooks F F, formed upon the ends of the straight arms E E, around the tubes G G, or, if some form of lantern other than the tubular is used, around the base or frame proper of the lantern, in such a manner as to prevent lateral motion.

The frame C supports a reflector, K, as in my former patent, and the operation of all the parts heretofore described is the same in both cases. I do not wish, however, to be understood as limiting my improvements to the precise devices therein described, as they are applicable to other forms of lantern-hangers; but I refer to that patent as a convenient method of describing a class.

The novel features of my invention are as

follows: Through the eyes or loops formed by the spiral springs B B is passed a wire, L, its ends being bent at right angles thereto, and hooks or U-shaped loops M formed therein at a sufficient distance from the springs B B to 55 pass under and embrace the upper portion of the tubes of a tubular lantern or the bail of a common lantern. This wire is then bent downward, forming double loops N N, projecting slightly above the top of the tube or bail, and 60 from thence carried backward at an angle and secured to the back of the reflector K. This of itself is in all ordinary cases sufficient to insure perfect safety from accident, the spring of the parts being from their construction of 65 great strength; but, as an additional security, a second wire, O, is then passed through the eyes B B and its ends bent at right angles, forming spring-arms P P, these ends being formed into hooks Q Q, adapted to enter the 70 second loops, N N, passing first over the top of the tube or bail and being sprung into place in the loops, thus securely retaining said tube or bail between the loops formed in the wire L and the spring-arms P P and preventing any 75 vertical motion.

What I claim as my invention is—

1. In a lantern-hanger substantially of the within-described construction, the wire L, having loops M M embracing the tube or bail 80 from the bottom, and loops N N projecting slightly above said tube or bail, the lower ends of said wire being secured to the reflector K, substantially as and for the purposes set forth.

2. In a lantern-hanger provided with the wire L, having the loops M M N N therein, substantially as described, the spring-arms P P, having hooks Q Q at their ends adapted to be sprung into said loops N N, retaining 90 said tube or bail between said arms and loops M M, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 5th day of May, 1882.

EDWIN LUFKIN.

Witnesses:

EDMUND H. NEALLEY,
WM. FRANKLIN SEAVEY.