(No Model.)

A. L. BARON.

LANTERN.

No. 456,924. Patented July 28, 1891.

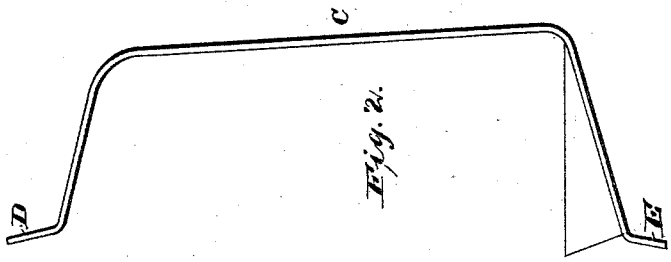


Fig. 2.

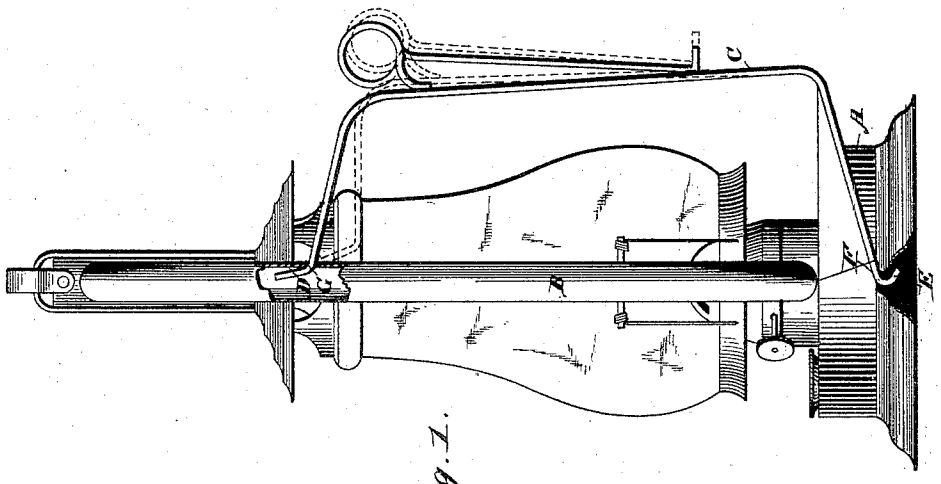


Fig. 1.

Witnesses
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UNITED STATES PATENT OFFICE.

ALFRED L. BARON, OF TIFFIN, OHIO, ASSIGNOR OF ONE-HALF TO BENJAMIN F. COCKAYNE, OF SAME PLACE.

LANTERN.

SPECIFICATION forming part of Letters Patent No. 456,924, dated July 28, 1891.

Application filed January 6, 1891. Serial No. 376,830. (No model.)

To all whom it may concern:

Be it known that I, ALFRED L. BARON, of Tiffin, county of Seneca, and State of Ohio, have invented a certain new and useful Improvement in Lanterns, of which the following is a specification, reference being had to the accompanying drawings.

The object of my invention is to provide simple, suitable, and convenient means for fastening to or unfastening from a lantern a detachable reflector.

In the accompanying drawings, Figure 1 is a side elevation of a lantern with my reflector attached. Fig. 2 is a view of the reflector detached, showing the projections E turned straight down for convenience in unfastening instead of curved around, as shown in Fig. 1.

Referring to the letters upon the drawings, A indicates the base of a lantern, and B side pieces, which, in the accompanying drawings, are the tubes of the lantern. Since to these parts the reflector is attached and the other parts are of well-known and ordinary construction, I will not describe them in detail.

C indicates a reflector, which is preferably made of some bright sheet metal—such, for instance, as tin—and is cut and bent to fit closely around the base and to partially surround the globe of the lantern.

D D and E E indicate hooked or obliquely-extending projections upon the upper and lower ends, respectively, of the reflector, and which, preferably, are protruding ends of strong pieces of resilient wire secured upon the opposite sides of the reflector by any suitable means—such, for instance, as infolding.

F F and G G indicate holes for the reception of the projections in the base and side pieces of the lantern, respectively. The holes G G are so constructed as to open downwardly, in order that the projections D D may be inserted into them from below after the projections E E have been properly secured in their respective holes. The holes for the reception of the projections may be made in the body of the lantern itself or may be separate thimbles or eyes soldered to the lantern; but this is a mere difference of construction which in no wise affects the invention itself.

It will be readily perceived from the foregoing description that when one set of projections of the reflector have been set in place it may be bent like a bow until the ends of the other projections shall be even with the adjacent holes. Then by removing the pressure from the spring sides the projecting ends will enter holes and will be firmly pressed into position by the resilient action of the spring sides. In this position the reflector will be firmly fastened in place by the joint action of the hooked projections and the springs which actuate them. It may be, whenever desired, readily detached by pressing the ends of the spring sides together and withdrawing the projections out of their holes.

I do not claim, broadly, a detachable reflector in combination with a lantern, and I am aware that a frame for holding a separate reflector, which frame is provided with hooks for fastening it to the tubes of a lantern, as in Patent No. 339,167, has heretofore been devised.

What I claim is—

A lantern having in its lower part and in its upper part holes, as at F F and G G, for receiving projections from a reflector, in combination with a reflector provided above and below with suitable projections to enter said holes, said reflector being resilient and adapted to bend like a bow and spring its projections into place and hold them there, substantially as set forth.

In testimony of all which I have hereunto subscribed my name.

ALFRED L. BARON.

Witnesses:

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