No. 819,805. PATENTED MAY 8, 1906.

W. N. ROBERTS & H. B. MATHEWS.

LANTERN HOLDER.

APPLICATION FILED DEC. 28, 1905.

Fig. 1.

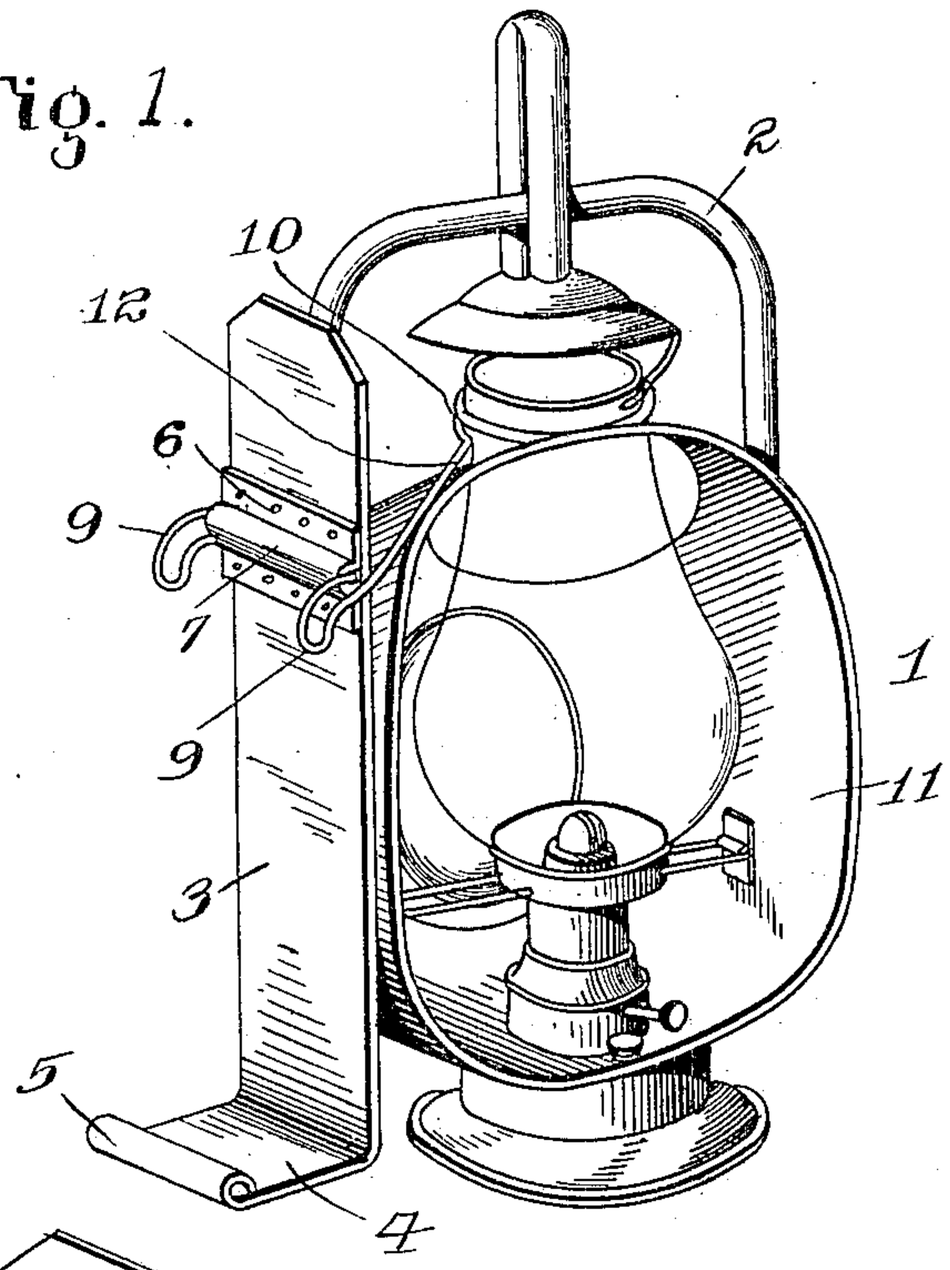


Fig. 2.

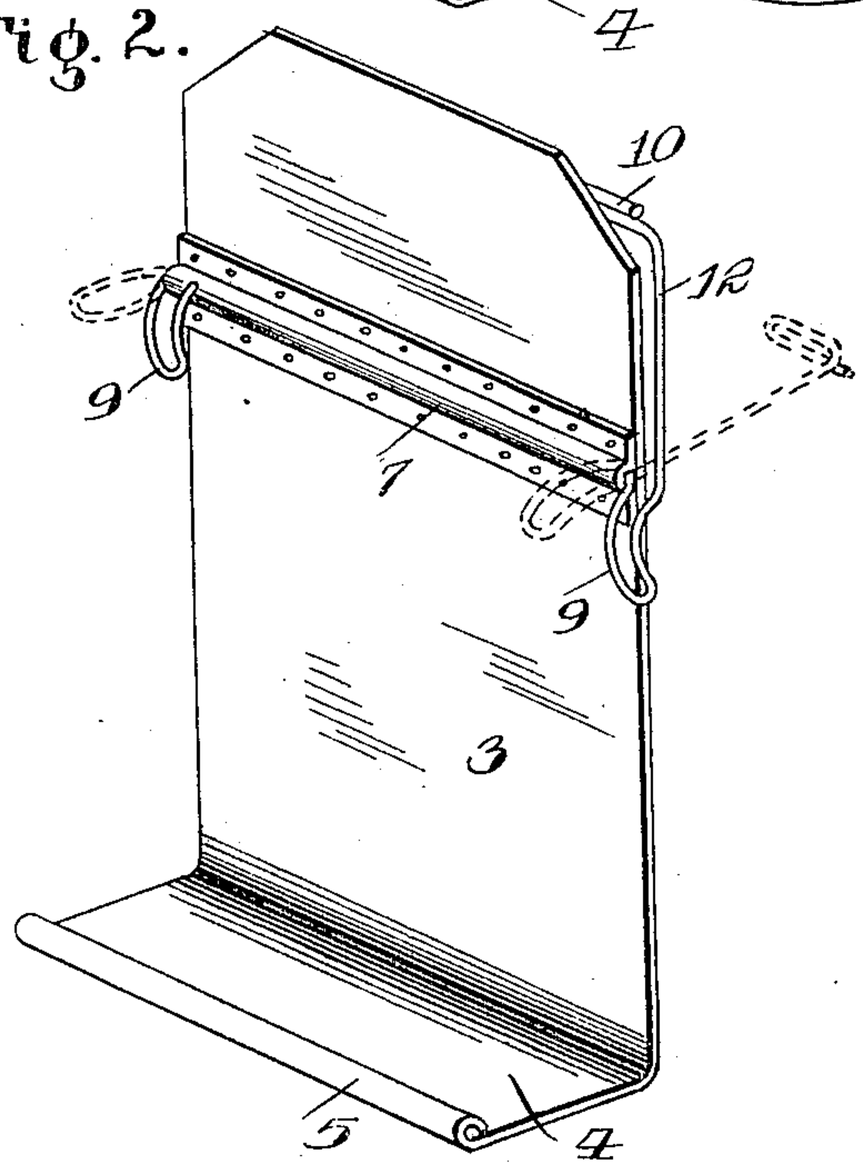
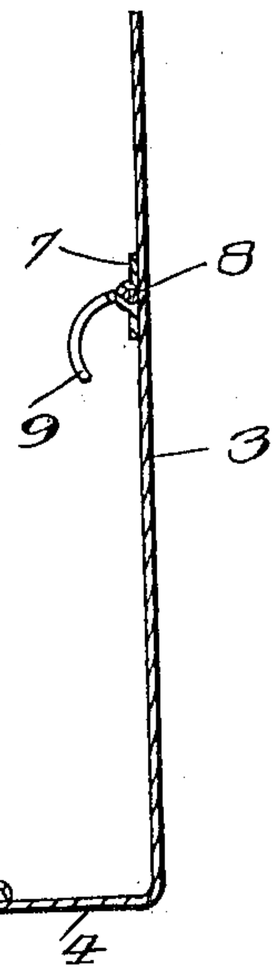


Fig. 3.



Inventors
W. N. Roberts.
H. B. Mathews.

Witnesses
J. H. Bruce
A. Woodson.

By Chas. B. Lacey, Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM N. ROBERTS AND HENRY B. MATHEWS, OF ANSONIA, OHIO.

LANTERN-HOLDER.

No. 819,805. Specification of Letters Patent. Patented May 8, 1906.

Original application filed May 13, 1905, Serial No. 260,344. Patented December 19, 1905, No. 807,868. Divided and this application filed December 28, 1905. Serial No. 293,692.

To all whom it may concern:

Be it known that we, WILLIAM N. ROBERTS and HENRY B. MATHEWS, citizens of the United States, residing at Ansonia, in the county of Darke and State of Ohio, have invented certain new and useful Improvements in Lantern-Holders, of which the following is a specification.

This invention relates to certain new and useful improvements in lantern-holders of that type on which Patent No. 807,868 was granted to us December 19, 1905, and of which this present case is a divisional application.

The object of our present invention is to provide an improved construction of lantern-holder particularly adapted to hold a carriage-lantern in an advantageous position—namely, on the side brace of a buggy-top, as illustrated in Figure 1 of the accompanying drawings.

The invention consists, essentially, of a device of this character comprising a rectangular plate secured in any manner, preferably permanently, by solder or the like, to one of the side standards or vertical tubes of the lantern and bent outwardly at its bottom and finished in a roll and a clamp secured to said plate in any desired manner and formed of a piece of wire extending across the outer side of the said plate and mounted to rotate about its longitudinal axis and being bent at its ends to form two semicircular hooks designed to clamp around the buggy-brace, one of said extremities of the wire being extended in the hooked portion thereof to form a lever for actuating the clamp formed by the wire with its two hooks and also forming means for retaining the said clamp in locked position.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result, reference is to be had to the following description and accompanying drawings, in which—

Fig. 1 is a perspective view of a lantern embodying our improved construction of holder. Fig. 2 is a perspective view of the holder, on an enlarged scale, shown detached from the lantern. Fig. 3 is a vertical sectional view thereof.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Referring to the drawings, the numeral 1 designates a lantern of that type ordinarily used for vehicles and most generally applied by a spring-clamp or the like to the dash-board thereof. The lantern 1 embodies the ordinary frame-tubes 2. To one of said tubes 2 there is secured, preferably permanently, by means of solder or in any desired manner, a plate 3, which in this instance is substantially rectangular in shape and is vertically disposed with respect to the frame-tube 2, to which it is attached, and is bent outwardly at right angles to its main portion, as shown at 4, and is preferably finished at its edge with a roll 5.

Above the middle portion of the plate 3 there is secured by rivets or the like a transversely-extending strip 6, of metal, preferably, said strip being buckled or bulged intermediate of its upper and lower edges to form a transversely-extending bearing 7. In the bearing 7 a clamp is mounted, said clamp in the present instance consisting of a single or integral piece of wire and the main portion 8 of which is mounted in the bearing 7 so as to turn on its longitudinal axis, and the said wire at each end of the strip 7 is bent downwardly at right angles to its main portion 8 and is returned upon itself to form the substantially semicircular outwardly-facing hooks 9, each of which consists of two parts of the wire, as shown. One of the ends of the wire is extended beyond the hooked portion 9 thereof in an inward direction and is preferably coiled at or near its end or otherwise provided with a finger-grip 10, which in addition to serving as a ready means for grasping the said extremity is designed to spring over upon the reflector-frame 11 of the lantern, so as to hold the clamping-hooks 9 retained in proper position to attach the device around the brace of the buggy-top. The extended portion of one of the hooks (designated 12 and before mentioned) serves as a lever for the manipulation of the two hooks, so as to move them into proper position around the brace of the buggy-top or to unfasten the same therefrom.

In the applied position of our improved lantern-holder the clamp is so turned by means of the lever 12 as to bring the hooks over and around the side braces of the buggy-

top, and the lever 12 is then sprung upwardly and over the edge of the reflector-frame 11 or some other suitable stationary part, so as to retain the clamp, with its hooks, in the locked position. The rectangular plate 3 extends outwardly at its bottom, as shown at 4, and is finished in the roll 5, so as to press against the outside of the front bow of the buggy-top.

It is manifest that our lantern-holder may be so arranged as to carry the lantern securely on either side of the buggy in the advantageous position above described, where it will shed its light uniformly over the road and minimize to a considerable degree the dangers attendant upon traveling in horse-propelled vehicles at night.

Having thus described the invention, what is claimed as new is—

1. A device of the character described, comprising a plate designed for attachment to a lantern and provided at its bottom with an outwardly-extending portion finished in a roll, a transversely-extending strip secured to said plate and buckled intermediate its upper and lower edges whereby to produce a transversely-extending bearing and a wire clamp mounted to partially rotate in said bearing and bent upon itself at its ends whereby to form downwardly-facing hooks, one end of said wires being extended beyond the hooked portion thereof and constituting a spring-lever, as and for the purpose set forth.

2. The combination with a lantern of a plate secured thereto, a clamp mounted to partially rotate on said plate and provided with hooks designed to take over the brace of a buggy-top and a lever secured to said clamp and designed to actuate the same and arranged to take over a stationary portion of the lantern whereby to lock the holder and clamp in locked position.

3. The combination with a lantern, of a wire clamp and means for connecting the same to the lantern, the wire of said clamp being returned or doubled upon itself to form two downwardly-facing hooks designed to take over the brace of a buggy-top, the wire being extended beyond one of said hooks and constituting an actuating-lever designed to take over a stationary portion of the lantern, as and for the purpose set forth.

4. The combination with a lantern of a plate secured thereto and provided at its bottom with an outwardly-extending portion designed to bear against the outside of the front bow of a buggy-top, and a locking-clamp mounted on said plate and arranged to hook around the side brace of the buggy-top, as and for the purpose set forth.

5. The combination with a lantern of a plate secured thereto and provided at its bottom with an outwardly-turned portion and with a rolled edge, a metallic strip secured to said plate and provided with a transversely-extending bearing, a clamp mounted to turn in said bearing and provided with hooks designed to extend around the side braces of a buggy-top, and a spring-lever connected with said clamp to actuate the same and designed to spring over a stationary part of the lantern whereby to hold the clamp in locked position.

In testimony whereof we affix our signatures in presence of two witnesses.

WILLIAM N. ROBERTS. [L. s.]
HENRY B. MATHEWS. [L. s.]

Witnesses:
J. M. BICKEL,
GUY C. BAKER.