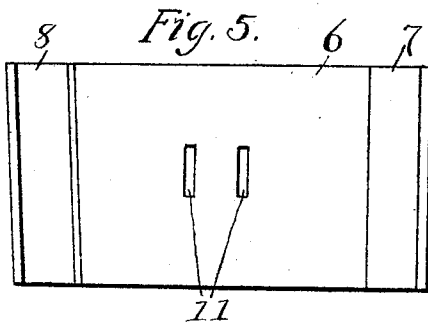
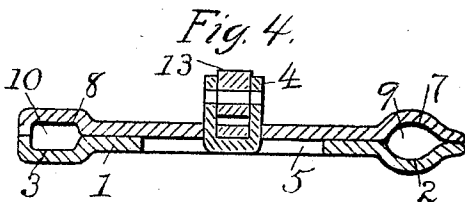
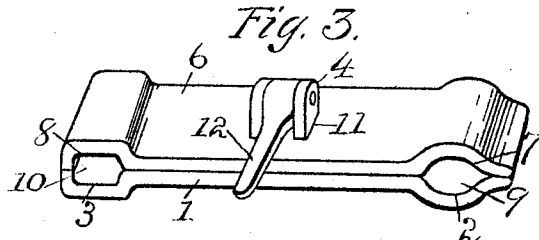
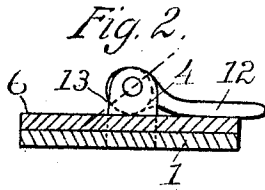
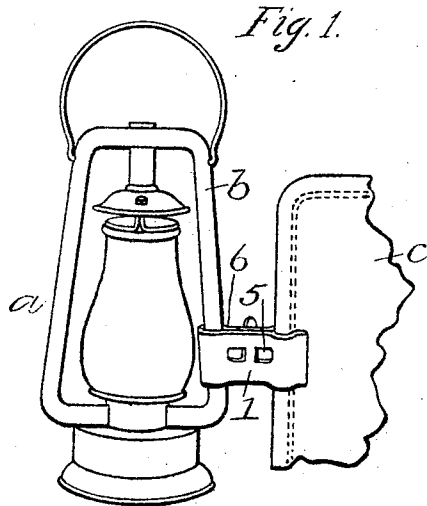


A. H. PORTER.
LANTERN HOLDER.
APPLICATION FILED APR. 10, 1905.



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UNITED STATES PATENT OFFICE.

ARTHUR H. PORTER, OF BRISTOL, CONNECTICUT.

LANTERN-HOLDER.

No. 795,782.

Specification of Letters Patent.

Patented July 25, 1905.

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To all whom it may concern:

Be it known that I, ARTHUR H. PORTER, a citizen of the United States, and a resident of Bristol, in the county of Hartford and State of Connecticut, have invented a new and Improved Lantern-Holder, of which the following is a specification.

My invention relates more especially to clamps or holders designed for use in places where there is excessive vibration; and the object of my invention is to provide a device more especially applicable for holding a lantern in place on a vehicle; and a further object is to provide a device of this class in which the parts shall successfully resist the tendency to loosen caused by vibration and effectually hold the lantern in place; and a further object is to provide a holder that shall be slightly in appearance, cheap in construction, and simple in operation. A form of device in the use of which these objects may be attained is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view showing a portion of the dashboard of a vehicle with the lantern held in place thereon by my improved holder. Fig. 2 is a sectional end view of the holder. Fig. 3 is a perspective view of the same. Fig. 4 is a detail view in lengthwise central section through the device. Fig. 5 is a plan view of the clamp-plate.

While my device is shown and described herein as used in connection with the dashboard of a vehicle, it will be found readily applicable to other portions of the vehicle, as to a rod supporting a step or to other parts of the vehicle, and it is obvious that the device may be readily changed to adapt it for use in any special location without departing from the invention.

In the accompanying drawings the letter *a* denotes a lantern as a whole having side tubes *b*.

The letter *c* denotes a portion of the dashboard of a vehicle to which the lantern is to be secured.

The numeral 1 denotes the supporting or base plate of my improved clamp. This plate is made to the desired form to suit the special application of the clamp and has at each end depressions 2 3. These depressions are of proper shape to fit that part to which the clamp is to be secured in the form shown, the depression 2 being curved to fit the edge of the dashboard and the depression 3 being

of angular form to fit the angularly-shaped side tube *b* of the lantern.

Ears 4 are struck up from the base-plate 1, these ears being produced from the metal forming the plate. A cut of proper shape is made in the metal, and the ears are then bent up, leaving openings 5 in the plate.

The numeral 6 denotes a clamp-plate having depressions 7 8, similar in form to depressions 2 3 in the base-plate, the depressions in each of the plates forming sockets 9 10, in which the side tubes of the lantern and the part to which it is to be secured are firmly held.

Openings 11 are formed in the clamp-plate, through which the ears 4 extend, these openings preferably being of a size to quite closely fit the ears.

A cam-lever 12 is pivoted between the ears 4 and has a cam 13 so shaped and located that when the lever is in the position shown in Fig. 2 of the drawings the cam-plate 6 is forced tightly against the base-plate 1 and the device is thus securely held in place on the dashboard and the lantern also securely clamped in position.

It will be observed in this construction that any tendency, caused by the vibration of the vehicle, to separate the plates, and thus loosen the holder, will tend to force the lever to its closed position, and thus secure the device tightly in place. There is thus no chance whatever of the device becoming loosened in use.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a lantern-holder, a supporting-plate and a clamp-plate having a socket at each end, ears extending from the supporting-plate through the clamp-plate, and a cam-lever pivoted between said ears and having a cam to press upon the clamp-plate and forming the sole means for holding the plates in engagement.

2. In a lantern-holder, a supporting-plate and a clamp-plate having a socket at each end, ears on the supporting-plate extending through and closely fitting openings in the clamp-plate, and a cam-lever pivoted between said ears and having a cam to act upon the clamp-plate and forming the sole means for forcing the two plates together.

3. In a lantern-holder, a supporting-plate and a clamp-plate having a socket at each end, ears on the supporting-plate extending

through the clamp-plate, and a cam-lever pivoted between said ears and having a cam located, in the closed position of the lever, beyond a line passing through the pivot of the lever at right angles to the plane of the plates, and forming the sole means for holding the plates in engagement.

4. In a lantern-holder, a supporting-plate and a clamp-plate having sockets at each end, ears upturned from the metal of the supporting-plate and passing through and closely fitting openings in the clamp-plate, and a cam-lever pivoted between said ears and forming the sole means to force the clamp-plate tightly in engagement with the supporting-plate.

5. A lantern-holder including a supporting-

plate and a cam-plate having sockets at each end, ears struck up from the metal of the supporting-plate and extending through and closely fitting openings in the clamp-plate, and a cam-lever pivoted between said ears and having a cam arranged to lie, in the closed position of the lever, beyond a line extending through the pivot of the lever at right angles to the plane of the plates, and forming the sole means for holding the plates in engagement.

ARTHUR H. PORTER.

Witnesses:

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