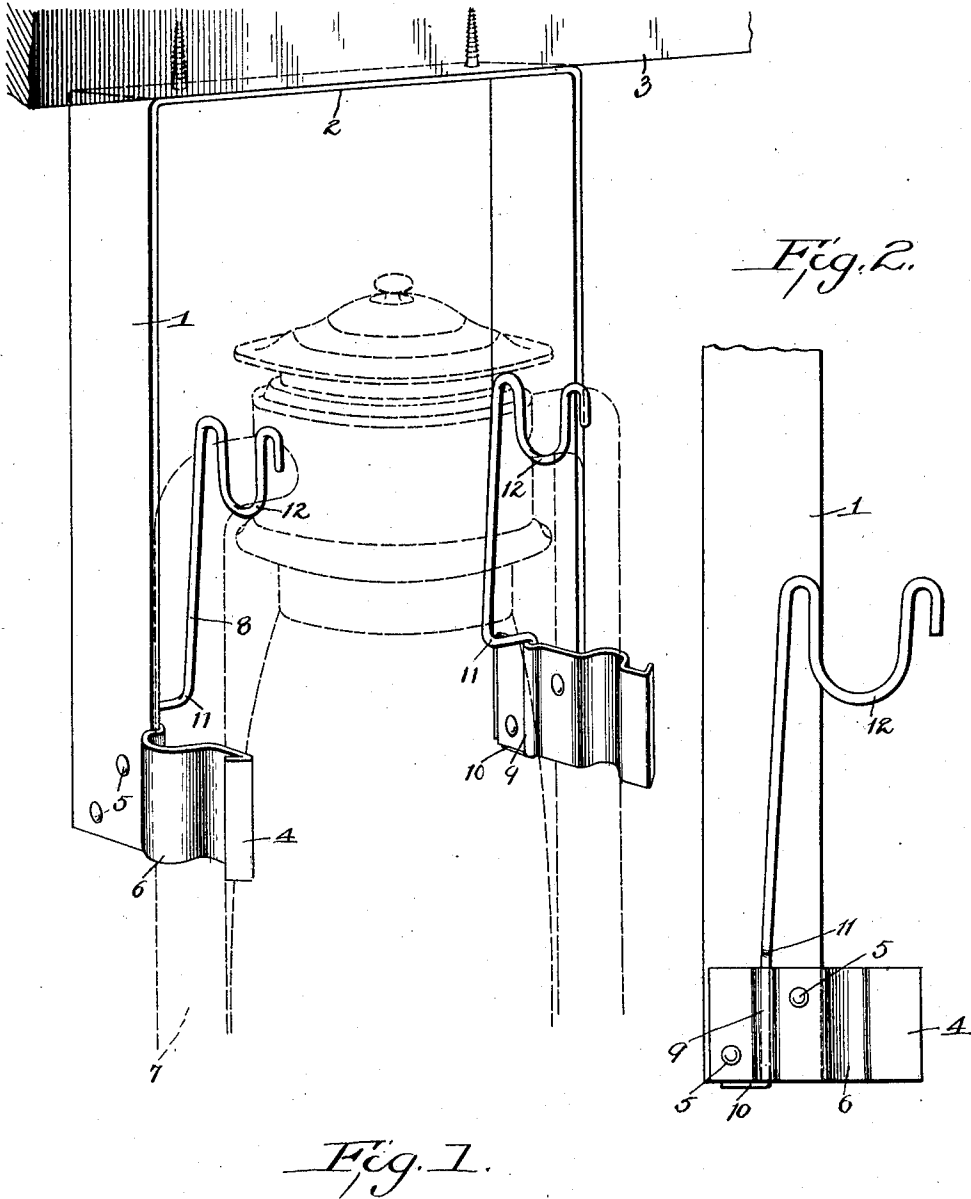


W. W. EASTMAN.
 LANTERN HOLDER.
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1,042,898.

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WITNESSES
Oliver W. Holmes
Paul Wright

INVENTOR
W. W. Eastman
 By *E. B. Block* Attorney

UNITED STATES PATENT OFFICE.

WALTER W. EASTMAN, OF HILL, NEW HAMPSHIRE.

LANTERN-HOLDER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WALTER W. EASTMAN, a citizen of the United States of America, residing at Hill, in the county of Merrimack and State of New Hampshire, 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 for vehicles; the object being to provide a holder which is so constructed that the same will adjust itself to any sized lantern placed in position therein, whereby various styles of lanterns can be used without adjusting the holder in any manner.

Another object of my invention is to provide a holder comprising a frame provided with means for grasping the vertical side tubes of a lantern; said frame having yielding supports in which the horizontal tubular portions of the lantern are adapted to be yieldingly supported in order to relieve the lantern of as much shock as possible when traveling over rough roads.

Another object of my invention is to so arrange the supports that a clearance is formed in the frame in order to allow the frame to receive lanterns with various sized heads.

I am aware that I am not the first to provide a frame having means for gripping the vertical tubular bars of a lantern, but in devices of this character previously constructed, no means has been provided for receiving and supporting the lantern upon yielding supports in order to prevent the same from flickering caused by jolting. In supports of this nature now in use, hooks are provided for this purpose which do not yield and which are so mounted that it requires a special construction to be used in connection therewith; while with my construction any frame lantern having tubular vertical bars and horizontal bars, can be used without changing the construction in any way.

Other and further objects and advantages of the invention will be hereinafter set forth and the novel features thereof defined by the appended claims.

In the drawings—Figure 1, is a perspective view of my improved holder showing the application of a lantern; and Fig. 2, is a detail side elevation of one of the spring supporting arms.

Like numerals of reference refer to like parts in the several figures of the drawings.

In the drawing 1 indicates the substantially inverted U-shaped frame, the top bar 2 of which is provided with suitable apertures through which members are adapted to pass for securing the same in position upon a vehicle, as shown at 3, and in this class of support, the lantern is generally carried beneath the vehicle, and I have shown the same secured to the bottom of the body of a vehicle, but it is of course understood that the same can be secured to any portion of the vehicle desired, without departing from the spirit of my invention.

The side bars of the frame 1 are provided with clips 4 at their ends, which are secured thereto by rivets 5 and extend outwardly beyond the side bars and are bent to form substantially semi-circular portions 6 which are adapted to embrace the vertical tubular bars 7 of the lantern frame, as clearly shown in Fig. 1; the spring frame forming means for gripping and retaining said clips in position thereon, so that all danger of the lantern swinging is prevented, and it will be seen that the side bars of the frame will yield to such an extent that the clips can be forced apart in order to receive lantern frames of different widths.

Secured to the side bars of the frame 1 by the clips 4 are spring arms 8; said clips being crimped as shown at 9 to receive the arms; the lower ends of the arms being bent at an angle as shown at 10. The arms are offset slightly above the clips as shown at 11 so as to throw the same inwardly toward each other, and from this point the arms extend obliquely upwardly therefrom and terminate in substantially U-shaped portions 12 forming sockets to receive the horizontal tubular bars of the lantern frame, and it will be seen that when the lantern is in position therein, the U-shaped portions are in vertical alinement with the clips 4 and are held there by tension of the spring arms and the U-shaped portions which embrace and grip the lantern frame in such a manner that all danger of the lantern jumping out by the vehicle striking an obstruction is prevented. By extending the arms upwardly obliquely, a spring support is formed as the arms are preferably formed of spring wire which will yield to absorb the shock forming, substantially, a spring support for the lantern, which is essential as applicant has found by

experimenting that in order to provide a lantern holder which will support a lantern on a vehicle it is essential to provide means for absorbing the shock caused by the jolting of the vehicle passing over rough roads.

By the above described construction, applicant obtains an exceptionally simple and cheap construction, and a result which will prevent the lantern from being jolted out of the holder and one which will yield the arms bending in the manner previously described.

While I have described the spring arm secured to the side bars, by the clips, it is of course understood that they can be secured directly to the side bars by any suitable means and that they can extend obliquely from the point of fastening so as to obtain the desired spring in order to support the lantern upon a cushion.

I claim:

1. A lantern support comprising a substantially inverted U-shaped spring frame provided with clips for embracing the side bars of the lantern, and spring arms extending obliquely from said side bars having U-shaped portions to receive the horizontal tubular portions of the lantern frame.

2. A lantern holder comprising a substantially inverted U-shaped spring frame adapted to be secured to a vehicle body, clips riv-

eted to the ends of the side bars of said frame having substantially semi-circular portions to embrace the side bars of the lantern frame, and spring arms extending upwardly obliquely from said side bars having U-shaped portions in substantially vertical alinement with the semi-circular portions of the clip adapted to receive and embrace the horizontal bars of the lantern for yieldingly supporting the lantern within the U-shaped frame.

3. A lantern support comprising an inverted U-shaped spring frame, clips secured to the ends of the arms of said frame and extending outwardly therefrom, having substantially semi-circular portions to receive the vertical bars of the lantern frame, said clips being provided with crimped portions, spring arms secured within the crimped portions of said clips offset and extending upwardly and obliquely therefrom, said arms terminating in U-shaped portions in vertical alinement with the semi-circular portions of the clips and adapted to embrace the horizontal bars of the lantern frame.

In testimony whereof I affix my signature in presence of two witnesses.

WALTER W. EASTMAN.

Witnesses:

CHAS. W. FLING,
F. R. WOODWARD.