(No Model.)

C. L. ELLICOTT.

LAMP HOLDER FOR VEHICLES.

No. 401,422. Patented Apr. 16, 1889.

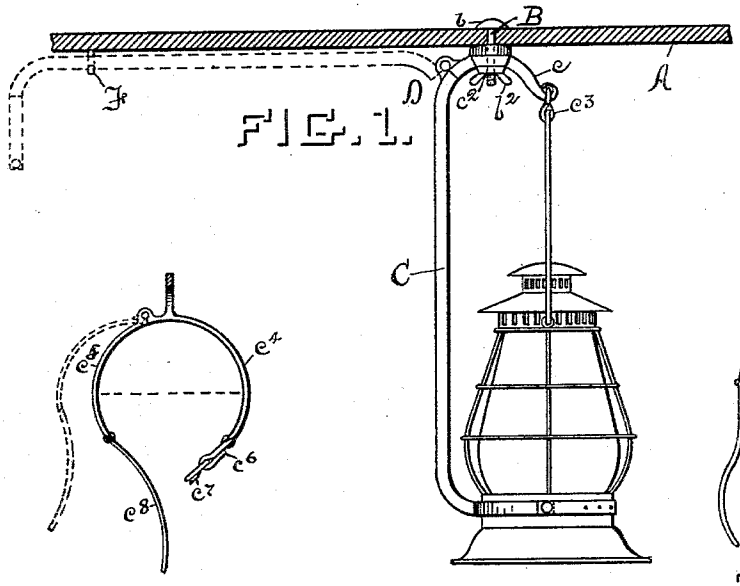


FIG. 1.

FIG. 4.

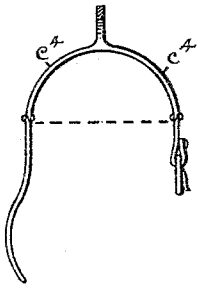


FIG. 5.

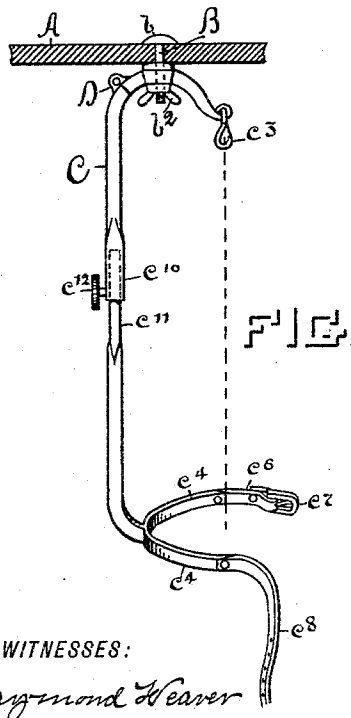


FIG. 2.

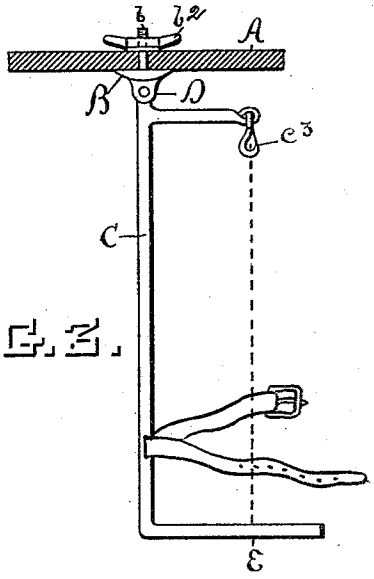


FIG. 3.

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UNITED STATES PATENT OFFICE.

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LAMP-HOLDER FOR VEHICLES.

SPECIFICATION forming part of Letters Patent No. 401,422, dated April 16, 1889.

Application filed November 27, 1888. Serial No. 292,011. (No model.)

To all whom it may concern:

Be it known that I, CHARLES LEWIS ELLICOTT, a resident of the county of Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Lamp-Holders for Vehicles, of which the following is a full and exact specification, reference being had to the accompanying drawings, in which similar letters of reference indicate similar parts.

In the drawings, Figure 1 represents the lamp-holder with lamp held therein suspended from the under side of a vehicle. It also shows in dotted lines the position of the holder when not in use raised up and fastened to the under side of the vehicle. Fig. 2 represents the holder without the lamp, showing the strap released and the holder-arm provided with an adjusting device by which the length may be altered. Fig. 3 represents a modified form of holder, in which the suspended bracket has simply a right-angle foot on the end upon which the lamp rests, and a strap passed through a slot in the bracket, whereby the lamp may be secured to the holder. Fig. 4 represents a modified form of a fork on the end of the bracket which is made in the shape of and about three-fourths of a circle and provided with a hinge, so that it may be opened and the base of the lamp inserted. Fig. 5 is a plan view of the form of fork usually employed, which is semicircular in shape and provided with a strap on one end and a buckle on the other.

A represents the floor of a vehicle, and B a bolt passed through a hole in said floor and provided with a head, *b*, as shown in Figs. 1 and 2.

C is the lamp-holder, which consists of a vertical bar provided at the upper end with extension *c*, which is perforated with a hole, c^2, and provided on its end with a snap-hook, c^3. On the lower end said bracket C is provided with a laterally-extending fork, c^4, which is represented in Fig. 5 as in the shape of a semicircle and in Fig. 4 as a little more than a semicircle. In this figure one arm, c^5, is hinged, so as to admit the base of the lamp. To the ends of the arms of the fork c^4 c^4 are secured to one a strap, c^6, provided with a buckle, c^7, and to the other a strap, c^8; or, if the forms shown in Fig. 4 be used, the arms of the fork may be made so as to meet or almost so, and may be provided with any form of fastening.

It will be noticed by a reference to the drawings that the snap-hook c^3, attached to the laterally-projecting arm *c* at its end, is so located as to stand immediately above the center of the circle described by the arms of the fork, so that when the lamp is placed in the holder, as shown in Fig. 1, the bail of the lamp will be engaged by the snap-hook c^3 and held in a perpendicular position. The bolt B passes through a perforation, c^2, in the laterally-extending arm *c*, and is firmly secured thereto by the thumb-nut b^2, screwed on the end of said bolt. At the point where the arm *c* joins the bracket C a hinge, D, may be provided, which will permit the holder to be raised to a horizontal position and secured to the under side of the floor of the vehicle by the hook F when not in use.

Referring to Fig. 2, the bracket C is provided with an adjusting device, whereby the length of said bracket may be increased or shortened, so as to make the holder fit any lantern. In Fig. 2 the form shown consists of a sleeve, c^{10}, secured to the upper portion of the bracket C, into which the lower portion, c^{11}, of the said bracket fits, and in which it may be sustained in any position by the set-screw c^{12}.

Referring to Fig. 3, a modified form of construction is there shown, in which, however, the same invention is employed. The bolt B in this case, instead of passing through the floor of the vehicle from the top, passes through from the bottom and has a thumb-nut screwed on its end above the floor. The head of the bolt B below the floor of the vehicle is provided with an extension which forms one-half of a hinge, by which the lantern-holder is suspended from the vehicle. This hinge however, if desired, may be located, as shown in Figs. 1 and 2, below a rigid part of the bracket, which is secured to the under side of the vehicle. The form of bracket shown in Fig. 3 differs from that shown in Figs. 1 and 2 in that, instead of having a fork at its lower end, which encircles and together with the strap sustains the lantern, it is provided with a single laterally-extending arm, E, at right angles to the bracket,

and upon which the base of the lamp rests, when the bail is held by the snap-hook c^3, the strap c^8 encircling the body of the lamp and engaging the buckle c^7 and making it fast to the bracket C and preventing vibration.

When it is desired to employ my invention, the bolt B is passed through a hole in the floor of the vehicle, the lantern-holder placed thereon on the under side and secured thereto by the thumb-nut b^2. When not needed for use, the rod C is raised up horizontally and engaged by a hook, F, or other suitable device on the under side of the floor of the vehicle, by which it is sustained in a horizontal position. When a lantern is to be attached to it, the rod C is let down to a perpendicular position, the lantern-bail is placed in the snap-hook c^3, and the strap c^8 buckled into the buckle c^7 firmly around the base of the lantern. The lantern will thus be held rigidly in a perpendicular position and it may be easily detached from the device for use in any other connection.

My invention has the advantage of simplicity and the additional very material advantage of making it possible to employ an ordinary lantern, such as is used in every stable to light the road when driving at night. Its location beneath the wagon makes it unnecessary to screen the eyes from the lamp, and its nearness to the ground gives the best possible illumination for driving.

I am familiar with patent granted to J. and A. F. Moser November 22, 1887, No. 373,472, and hereby disclaim everthing shown therein.

Having thus described my invention, what I desire to procure by Letters Patent is—

1. A holder for vehicle-lanterns, consisting of a bracket suspended from the under side of the floor of a vehicle and having a laterally-extending arm at its top, the end of which is provided with a snap-hook in position to engage the bail of the lantern when in a perpendicular position, and provided on its lower end with a laterally-extending fork in position to partially encircle the base of the lantern when suspended in a vertical position from the snap-hook, in combination with a strap and buckle secured to the ends of the fork, whereby the lantern may be securely held within the fork, substantially as described.

2. A holder for vehicle-lanterns, consisting of a bracket suspended from the under side of the floor of a vehicle and having a laterally-extending arm at its top, the end of which is provided with a snap-hook in position to engage the bail of the lantern when it is in a perpendicular position, said bracket being provided with a hinge to permit its being raised to a horizontal position when not in use, and having on its lower end a laterally-extending fork semicircular in shape in position to engage and partially encircle the base of the lantern, in combination with a strap and buckle, one secured to one end of the fork and the other to the other end thereof, whereby the lantern may be securely held within the fork, substantially as described.

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