

L. G. MACAULEY.
Road-Lantern.

No. 214,422.

Patented April 15, 1879.

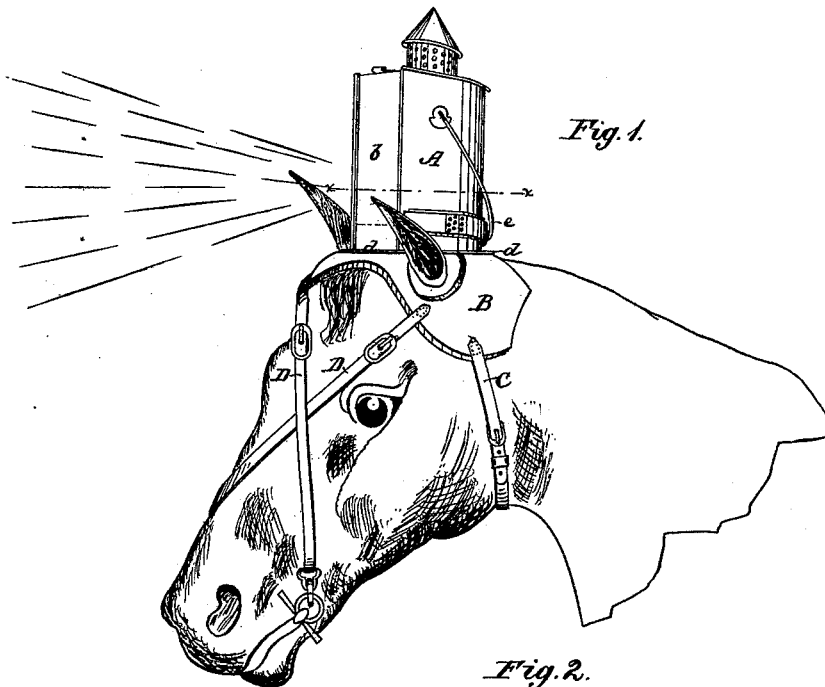


Fig. 1.

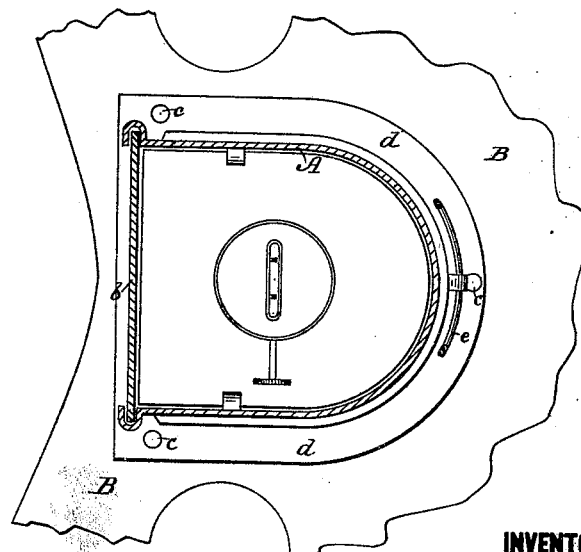


Fig. 2.

WITNESSES:

W. W. Hollingsworth
Amos W. Hart

INVENTOR:

L. G. Macauley

BY *[Signature]*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

LORENZO G. MACAULEY, OF AUGUSTA, WISCONSIN.

IMPROVEMENT IN ROAD-LANTERNS.

Specification forming part of Letters Patent No. **214,422**, dated April 15, 1879; application filed December 28, 1878.

To all whom it may concern:

Be it known that I, LORENZO G. MACAULEY, of Augusta, in the county of Eau Claire and State of Wisconsin, have invented a new and Improved Road-Lantern; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention consists of a lantern combined with a hood, the hood being so constructed and provided with straps that it is adapted for attachment to the head of a horse or other draft or riding beast, as hereinafter described.

Figure 1 is a perspective view, showing my invention applied to the head of a horse. Fig. 2 is a cross-section of the device on line *xx* of Fig. 1.

In said figures, A indicates the lantern; B, the hood or cap, and C D D the straps by which the latter is secured to the horse's head. The body or main portion of the lantern may be constructed of tin or other preferred material, and is semicircular in form. The glass front *b* is preferably arranged to slide in vertical grooves, so that it may be raised or removed, or another substituted when occasion requires.

The means for securing the lantern to the hood B are rivets *c*, which pass through the horizontal base or flange *d*; but I do not propose to limit myself to such devices, and may employ any others which will allow the lantern to be readily detached from the hood.

The hood or cap B has two holes, one on each side of the lantern, to receive the animal's ears. A throat-strap, C, is attached to the lower corners of the hood, and the straps

D D, attached to its front edge, are designed to be crossed over the animal's nose, and are provided with snaps for catching in the bridle-bit rings. By these means (C D) the hood and its attached lantern may be secured to a horse's head so firmly as to be in no danger of accidental detachment, and without causing serious inconvenience to the animal.

A lantern thus attached to a horse's head enables both horse and driver to see the condition of the track and the objects in it much more plainly and at greater distance than when a lantern is placed on the carriage.

I provide the lantern B with a bail, *e*, which adapts the former for use like an ordinary hand-lantern when it and the hood are detached from the horse's head, or when the lantern is detached from the hood, as it may be in case suitable temporary fastenings are employed in place of the rivets.

What I claim is—

1. The hood B, having ear-holes, as specified, the lantern having a base-flange, and attached to said hood between the ear-holes by means of rivets passing through the flange, all combined as shown and described.

2. The hood B, having ear-holes, the throat-strap C, the front straps, D D, provided with snaps for attachment to the bridle-bits, and the lantern A, secured to the hood, all combined substantially as shown and described.

LORENZO G. MACAULEY.

Witnesses:

NETTIE M. MACAULEY,
M. G. DUNN.