No. 736,404. PATENTED AUG. 18, 1903.

G. F. KIBLING.

LANTERN HOLDER FOR VEHICLES.

APPLICATION FILED NOV. 22, 1902.

NO MODEL.

Fig. 1.

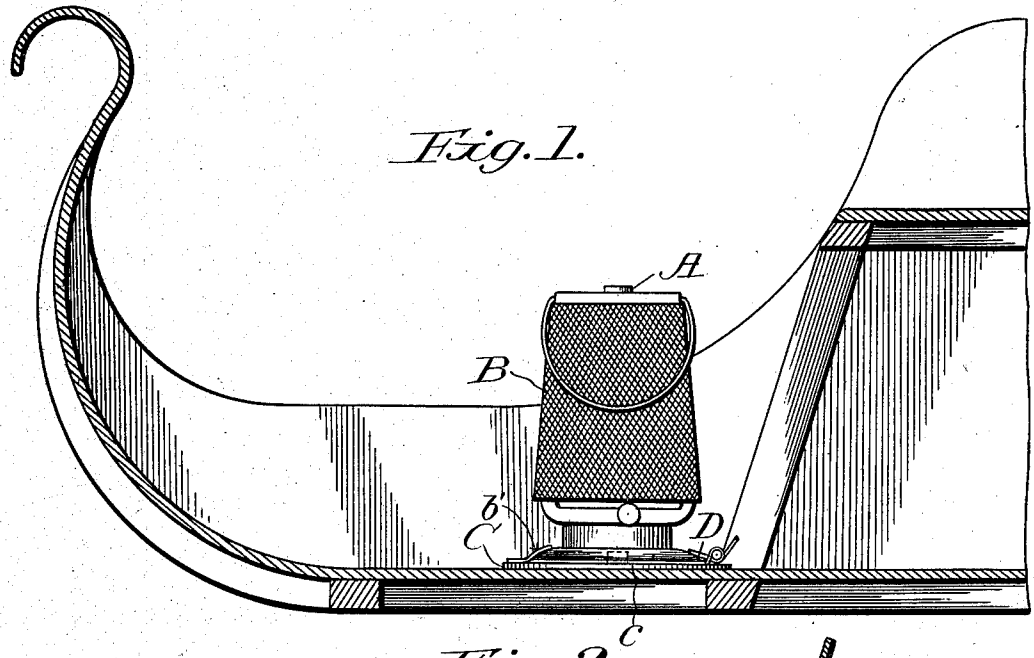


Fig. 2.

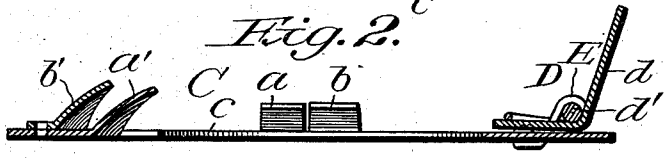
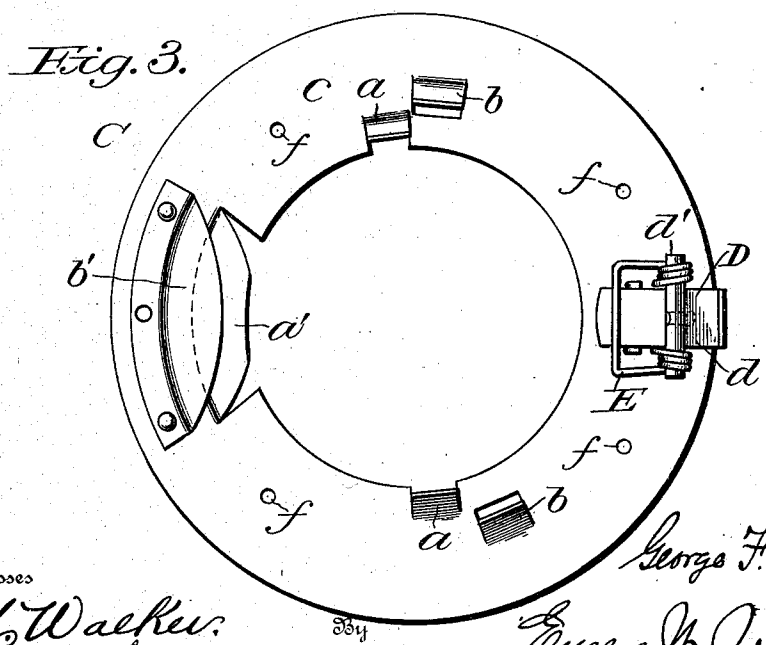


Fig. 3.



Witnesses

C. K. Walker.

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No. 736,404. Patented August 18, 1903.

UNITED STATES PATENT OFFICE.

GEORGE F. KIBLING, OF NORWICH, VERMONT.

LANTERN-HOLDER FOR VEHICLES.

SPECIFICATION forming part of Letters Patent No. 736,404, dated August 18, 1903.

Application filed November 22, 1902. Serial No. 132,473. (No model.)

To all whom it may concern:

Be it known that I, GEORGE F. KIBLING, a citizen of the United States, residing at Norwich, in the county of Windsor, State of Vermont, have invented new and useful Improvements in Lantern-Holders for Vehicles, 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 lantern-holder which can be readily attached to the floor of a vehicle, as a sleigh or buggy, and which will hold a lantern in such a manner that the same may be quickly separated from the holder for ordinary use, and when attached to the floor of the vehicle the lantern may be utilized for heating purposes.

In carrying my invention into effect an ordinary lantern is provided with a foraminous or wire-gauze screen, which is placed over the lantern and is held thereon by the bail or handle, the screen being for the purpose of protecting the clothing and robes from direct contact with the lantern. The lantern has the usual convex base, which is spun or struck up from sheet metal. The specific construction of the lantern and the screen forms no part of the invention sought to be covered in this application, the present invention residing in the particular construction of the holder, which is attached to the floor of the vehicle and with which the base of the lantern engages, as will be hereinafter set forth.

In the accompanying drawings, which illustrate one embodiment of my invention, Figure 1 is a side elevation, partly in section, showing my improvement applied to the floor of a sleigh. Fig. 2 is a sectional view of the lantern-holder detached, and Fig. 3 is a plan view.

In practice the lantern A has its upper portion and globe surrounded by a screen B, which may be made up of wire-gauze or perforated sheet metal constructed and shaped to fit over the upper portion of the lantern, so that when the lantern is used as a heater the clothes of the occupants of the vehicle and the robes used will be kept out of contact with the lantern.

The lantern-holder C comprises an annular base-plate *c*, which is struck up to present adjacent to the inner diameter thereof lips *a a* and a larger lip *a'*, which is curved both longitudinally and transversely, such lips being integral with the base-plate. The disk or base plate has also struck up therefrom lips *b b*, which are positioned slightly to one side of the lips *a a*. There is also attached a larger lip or flanged plate *b'*, which is secured to the base-plate by rivets, and the inner portion of said lip *b'* will overlie the inner lip *a'*. It will be noted that the lips are arranged on parallel circles and that they are adapted to be engaged by the base or bottom of a lantern, two sets being provided in order that a single holder will receive and hold in place lanterns of different sizes. When a large lantern is used, the outer edge will be engaged by the lips *b b'*, the bottom of the lantern setting over the inner lip. Opposite the lips *a' b'* the base-plate carries a spring-actuated catch D, made up of an angular portion or lever *d*, to which is secured a cross-bar or fulcrum *d'*, the projecting ends thereof being encircled by the coils of a spring E, a cross-portion thereof bearing upon one end of the lever, the terminals of said spring being passed through perforations in the base-plate and are bent to retain the spring and lever in place. The upward projecting end of the lever is of such a size and inclination that it may be readily moved against the action of the spring by simply bearing upon the same with the foot, which can be done by a person in the vehicle, and when the normally raised end of the spring-actuated catch is depressed the other end, which is at an obtuse angle therewith, will be raised out of engagement with the rim of the base of the lantern, so that the lantern can be readily removed from the holder.

It is obvious that the spring-catch should be raised in passing a lantern beneath the lips, and when the spring is released it will be held securely in engagement with the holder.

The lantern-holder is fastened to the floor of a sleigh or other vehicle by screws, tacks, or nails, which are passed through perforations *f*.

Having thus described my invention, I do not wish to be limited to the particular construction herein shown, but reserve the right

to modify the make-up of the parts within the scope of my claims.

I claim—

1. A lantern holder or support for the purpose set forth consisting of an annular base-plate having two circumferential sets of upward and inward projecting lips, and a spring-actuated catch pivoted to the base-plate nearer the outer circumference than said lips, a portion of the catch extending inward beyond a line on which the inner lips spring from the plate, substantially as shown.

2. In a lantern-holder a fixed base-plate having a plurality of upward and inward projecting lips arranged on parallel circles, and a spring-depressed catch the holding member thereof being of a length to intersect both of the circles, whereby said catch will engage the base of lanterns of different diameters when also engaged by the lips, substantially as shown and for the purpose set forth.

In testimony whereof I have hereunto set my hand in the presence of the subscribing witnesses.

GEORGE F. KIBLING.

Witnesses:
JOSIAH T. MORRISON,
A. J. MORRISON,
H. B. DURKEE.