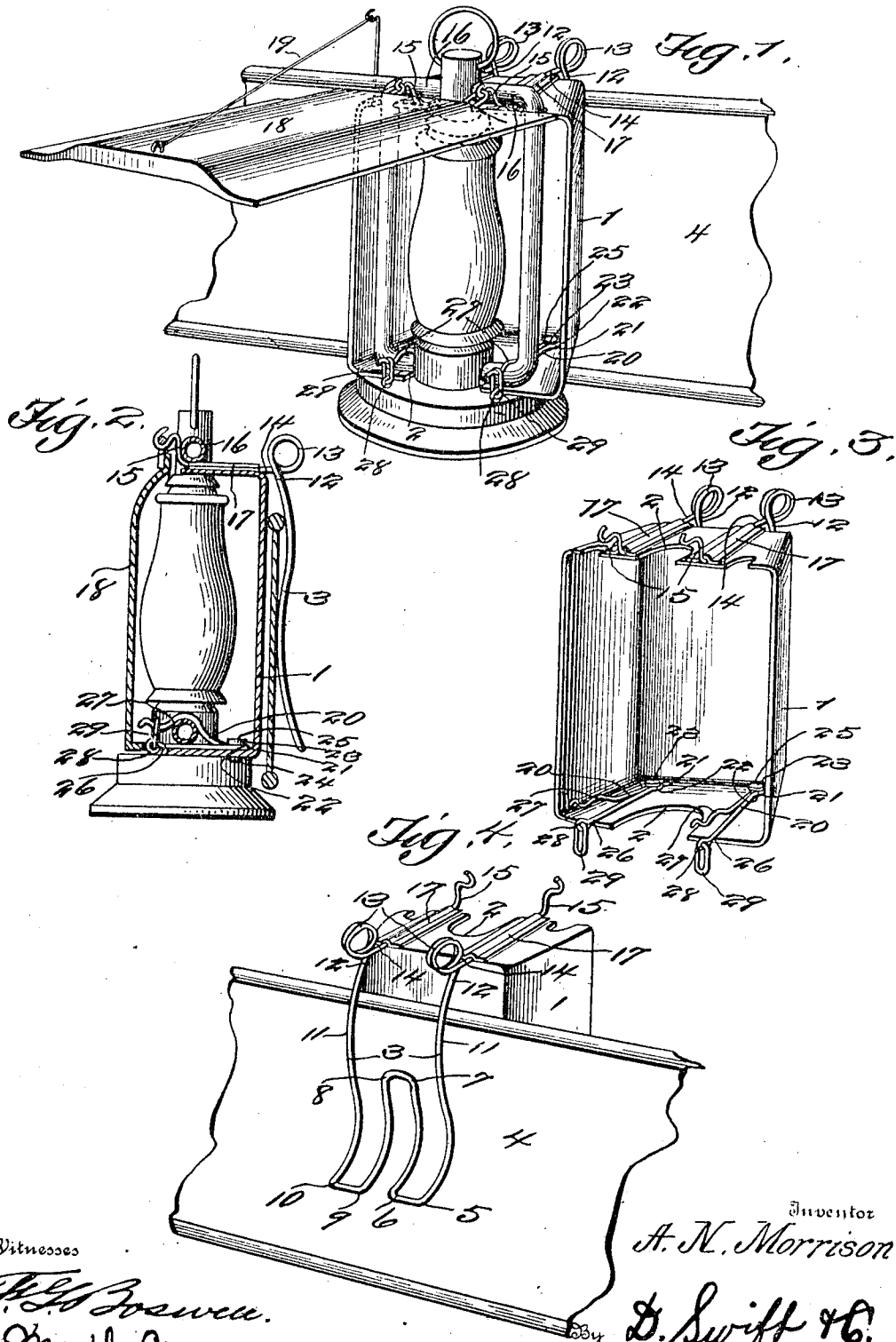


A. N. MORRISON.
DETACHABLE LANTERN REFLECTOR.
APPLICATION FILED JUNE 24, 1909.

947,596.

Patented Jan. 25, 1910.



Witnesses

J. H. Boswell.
Wm. Mc Grange

Inventor
A. N. Morrison

D. Swift & Co.

Attorneys

UNITED STATES PATENT OFFICE.

ALVIN N. MORRISON, OF MILLTOWN, WISCONSIN.

DETACHABLE LANTERN-REFLECTOR.

947,596.

Specification of Letters Patent.

Patented Jan. 25, 1910.

Application filed June 24, 1909. Serial No. 504,149.

To all whom it may concern:

Be it known that I, ALVIN N. MORRISON, a citizen of the United States, residing at Milltown, in the county of Polk and State of Wisconsin, have invented a new and useful Detachable Lantern-Reflector; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention about to be set forth and claimed pertains to lanterns, lights and the like, and it particularly pertains to a new and useful attachment or holder for lanterns, of such design as to readily reflect a light disposed in front thereof, in order to throw the glow considerable distance from the lanterns.

The invention in its fundamental principles has for its main object the provision of novel means for clamping the base of a lantern or lamp, whereby the same may be held rigidly and in an erect position.

A further object of the invention is to so construct the clamping means as to accommodate various sizes of bases of lanterns or lamps. These clamping members are pivoted to the holder, so as to accomplish the clamping of various sizes of bases of lanterns or lamps.

Another object of the invention is the provision of means for supporting the holder from any suitable support, such, for instance, as shown.

This invention comprises further objects and combinations of elements which will be hereinafter more fully described, shown in the accompanying drawings, and the novel features thereof will be pointed out by the appended claims.

The features and elements and the arrangement thereof, for accomplishing the objects of this device or apparatus, may be changed and varied, that is to say, in an actual reduction to practice, the understanding, however, is that the changes and variations accruing from said reduction to practice are comprehended by the appended claims.

To obtain a full and correct understanding of the details of construction, combinations of features, elements and advantages, reference is to be had to the hereinafter set forth description and the accompanying drawings in connection therewith, wherein—

Figure 1 is a perspective view of the

lantern or lamp holder or support, showing its closure secured open, in order to display the lantern or lamp and to reflect the rays of the light in the desired manner. Fig. 2 is a sectional view through the holder, showing the manner of clamping the lamp or lantern securely in position. Fig. 3 is a perspective view of the lamp or lantern holder upon an enlarged scale, and showing the lamp or lantern removed. Fig. 4 is a perspective view of the clamping member for holding the lamp or lantern holder to the support.

Referring to the accompanying illustrations, 1 designates an incasement or inclosure, constructed of any suitable metal or material, whereby the rays from the light may be reflected. This inclosure at its top and bottom is provided with semi-circular recesses or cutaway portions 2, to receive portions of the lantern, in the manner shown.

To secure the holder to any suitable support, for instance, a stationary support or object, or a moving vehicle, conveyance or device, a clamping member 3 is provided, upon the rear of the holder, which is designed to engage the rear portion 4 of the support, in the manner shown. This clamping member consists of a single length of spring wire or other metal, bent upon itself, at several locations, designated by the numerals 5, 6, 7, 8, 9 and 10, and the portions 11 are bent at right angles, as at 12, as clearly shown. The portions extending from the right angled bent portions 12 are formed into coils 13, in order to afford resiliency for the clamping member. The portions 14 extending from the coils terminate into hooks 15, so as to engage the tubings 16 of the lantern, in the manner shown. The portions 14 are soldered or otherwise secured to the upper portion of the inclosure, as shown at 17. There is sufficient space or clearance between said hooks and the said tubings of the lantern, so as to receive the upper portion of the closure or cover 18, and in such a manner as to allow the closure to be raised or lowered. This closure is provided with suitable means, such as a hook or strand of wire 19, which is to be engaged over a projection of the holder, for holding the closure in a raised position.

Upon the interior of the inclosure or incasement, that is to say, its bottom, are pivotal clamping members 20, consisting of

single pieces of wire metal or other material, suitable for the purpose, and bent upon themselves, as shown at 21, in order to form loops or eyes 22. Extending through these
5 loops or eyes are pivots 23, which also extend through the thickness of metal forming the bottom of the holder or incasement, and which are riveted above and below the said eyes or loops and the incasement, as shown
10 at 24 and 25. The free ends 26 and 27 of the clamping members are designed to engage or embrace the lower portions of the tubings 16, in the manner shown, in order to hold the lantern or lamp in a vertical
15 position, said clamping members being of such a contour as to snugly fit or encircle the said tubings. The lower portions 26 of the clamping members are formed or turned into eyes 28, in order to hold loops or rings
20 29, through which the upper portions 27 of the clamping members extend, so as to afford a binding action upon the lower portions of the tubings 16, thereby securely supporting the lantern in an upright position. These
25 clamping members may be moved or oscillated from one another, in order to admit of larger or broader lanterns or lamps, as will be clearly evident.

From the foregoing, the essential features, elements and the operation of the device, together with the simplicity thereof, will be clearly apparent.

Having thus fully described the invention, what is claimed as new and useful
35 is:—

1. In a lantern holder or reflector, an incasement having hooks to engage the upper

portions of the lantern's tubing, and provided in its lower interior with pivotal clamping members into engagement with
40 said tubings, said clamping members comprise single lengths of wires bent upon themselves to form loops which are pivoted upon the interior of the incasement, said clamping
45 members having their lower free ends provided with eyes, loops secured in said eyes designed to engage the upper free ends of said clamping members, whereby a clamping action is afforded, and a closure for the incasement.

2. In a lantern holder or reflector, an incasement having a clamping member for supporting it to a support, said clamping member having its upward forward ends terminating into hooks to engage the upper
55 portions of the tubings of the lantern, said incasement having in its lower portion pivotal clamping members to embrace the lower portions of said tubings, said clamping members comprise single lengths of wires bent
60 upon themselves to form loops which are pivoted upon the interior of the incasement, said clamping members having their lower free ends provided with eyes, loops secured in said eyes designed to engage the upper
65 free ends of said clamping members, and a closure for the incasement.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ALVIN N. MORRISON.

Witnesses:

SIMON K. TWETTEN,
LAURA TWETTEN.