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EMERGENCY LANTERN

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2 Claims. (Cl. 240—10.63)

This invention relates to emergency lanterns and has for an object to provide an electric lantern which may be conveniently applied to vehicles or to any support and which may be transported readily from place to place.

A further object is to provide a lantern including a container for dry cells, and a novel combined grip and lamp holder on the container, the grip having a front forked portion adapted to secure the lamp casing to the container and having a rear forked portion through which the rays from the rear lens of the lamp may shine without obstruction.

A further object is to provide a lamp having a casing adapted to be received in the front fork of the handle and having a front clear lens through which the light rays are reflected, and also having a warning rear lens of colored glass, preferably red, through which the rays of the lamp shine after emerging through a rear opening in the reflector of the lamp.

With the above and other objects in view the invention consists of certain novel details of construction and combinations of parts hereinafter fully described and claimed, it being understood that various modifications may be resorted to within the scope of the appended claims without departing from the spirit or sacrificing any of the advantages of the invention.

In the accompanying drawing forming part of this specification,

Figure 1 is a side elevation of an emergency lantern constructed in accordance with the invention.

Figure 2 is a plan view of the lantern shown in Figure 1.

Figure 3 is a cross sectional view through the lantern.

Figure 4 is a fragmentary longitudinal sectional view through the lantern drawn to an enlarged scale and showing the construction of the lamp.

Referring now to the drawing in which like characters of reference designate similar parts in the various views, 10 designates a container which may be formed of metal and is preferably of sufficient width and height to receive a pair of dry cells 11 stacked one upon the other as illustrated. A handle 12 preferably formed of strap metal, extends longitudinally of the container and is provided with front and rear forked ends 13 and 14 respectively. The lower ends of the forked terminals of the handle are secured to the container and the front fork 13 is preferably arched in contour, as best shown in Figure 3, to clamp the casing of a lamp, designated

in general by the numeral 15, to the top of the container.

The lamp comprises a cylindrical casing 15 having mounted therein a parabolic reflector 16, the reflector projecting the light rays from an incandescent bulb 17 through a lens 18 of clear glass, the lens being secured to the casing by a threaded flanged ring 19. An opening 20 is formed axially in the reflector and light rays from the bulb passing through this opening shine through a warning lens 21 of red glass, which is secured to the casing by a threaded flanged ring 22. The bulb 17 is mounted in a conventional socket 23 secured to the reflector and the conductor wires 24 pass from the lamp through an insulating bushing 25 into the container 10.

One conductor wire 24 is attached to a conventional switch 26 secured to the top of the container laterally of the lantern. A circuit wire 27 leads from the switch to the center terminal 28 of the lowermost of the battery cells. A jumper 29 connects the outer terminal 30 of said cell with the center terminal 31 of the uppermost cell. The other conductor wire 24 is connected to the outer terminal 32 of the last named cell.

Rubber lugs 33 are disposed on the bottom of the container at the corners thereof for supporting the container upon a flat surface of any kind. Superposed elongated strap eyes 34 are arranged on opposite sides of the container and receive the upper ends of straps 35, the lower ends of which extend below the bottom of the container and are provided with openings 36 through which bolts may be inserted to secure the lantern to a vehicle if desired.

It will be noted that the handle 12 forms a convenient grip by means of which the lantern may be transported from place to place. It will be further noted that the rear forked end 14 of the grip permits the warning lens 24 to be visible to following vehicles.

From the above description it is thought that the construction and operation of the invention will be fully understood without further explanation.

What is claimed is:

1. A lantern comprising a container, a handle extending longitudinally of the top of the container and provided with forked front and rear ends, the lower ends of the forked terminals of the handle being secured to the top of the container, a lamp housing on the container, the front fork of the handle clamping the lamp housing to the container, a clear lens at the front side of the lamp housing, a warning lens at the

rear side of the housing, an electric bulb in the housing between the lenses, there being an opening in the rear of the housing permitting the rays from the bulb to be visible through the rear fork of the handle, a dry cell in the container, 5 circuit wires connecting bulb with the dry cell, and a switch controlling the circuit wires.

2. A lantern comprising a container, dry cells in the container, a combined grip and lamp 10 holder on the container, a grip having a front forked portion adapted to secure a lamp casing to the container and having a rear forked portion through which the rays from the lamp may

shine without obstruction, a lamp received at the front fork of the handle and clamped to the container by the fork, a clear glass lens in the front of the lamp, a warning lens in the rear of the lamp, a reflector in the lamp between 5 the lenses having an axial opening through which the rays of the lamp shine through the reflector, a lamp bulb in the lamp, dry cells in the container, circuit wires connecting the dry cells with the lamp, and a switch on the container laterally 10 of the lamp controlling the flow of current through the circuit wires.

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