

July 21, 1942.

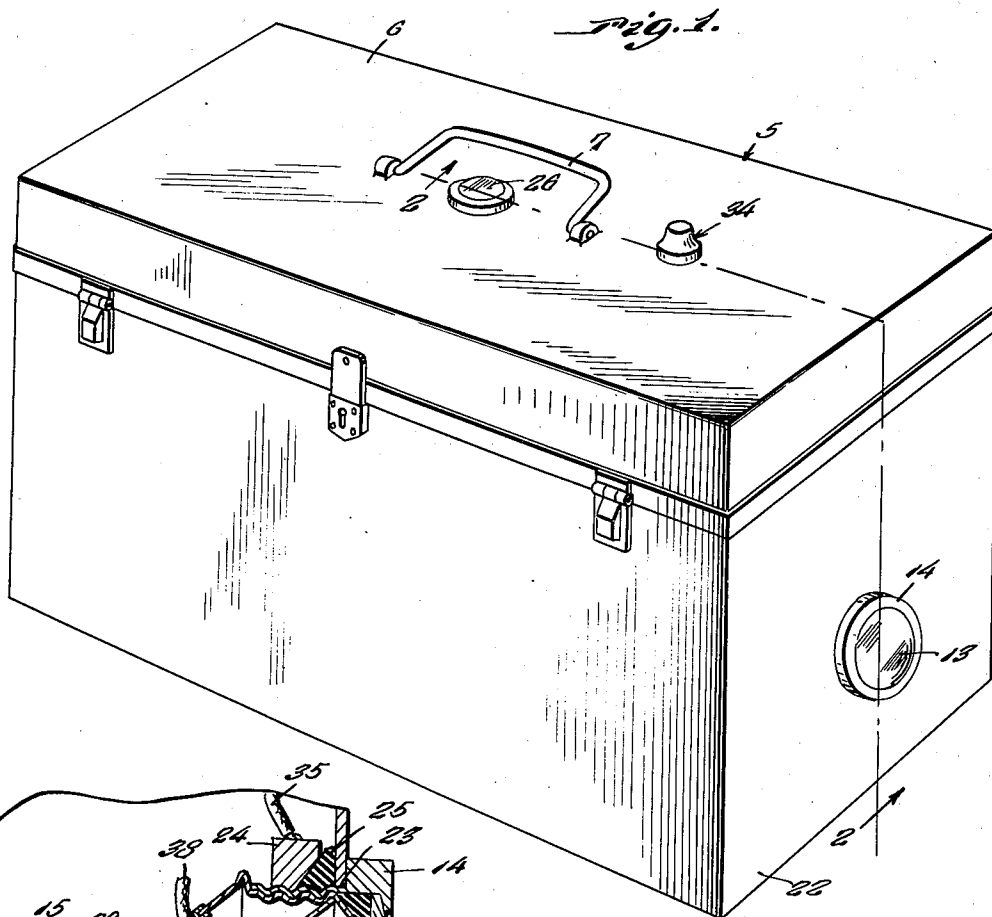
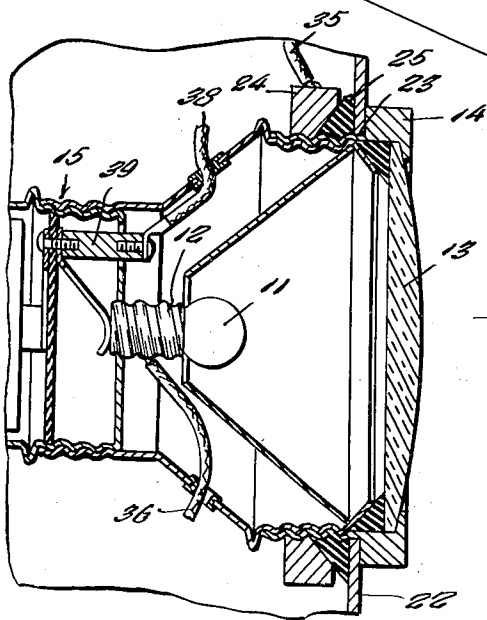
W. E. DUNN

2,290,419

TACKLE BOX

Filed May 27, 1941

2 Sheets-Sheet 1



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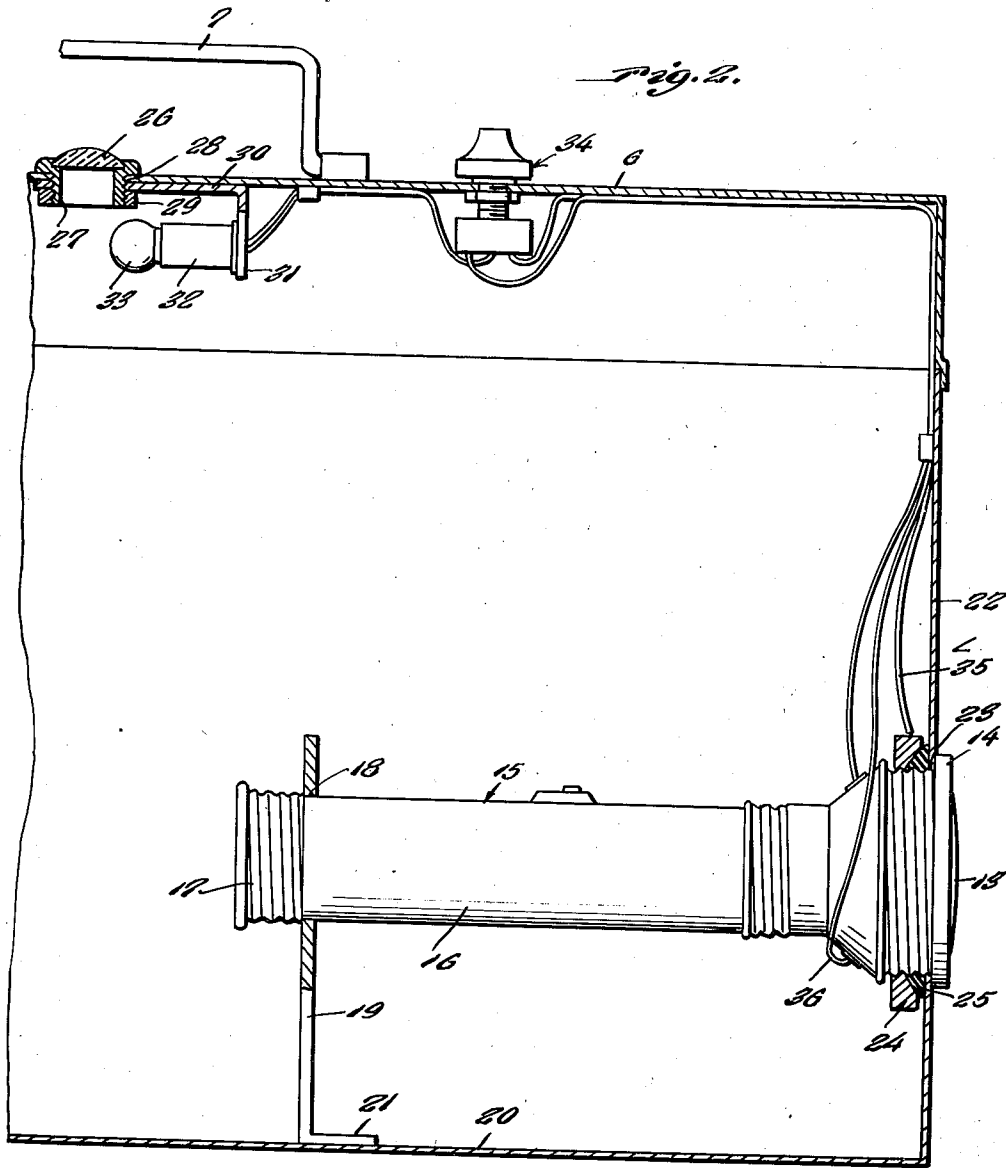
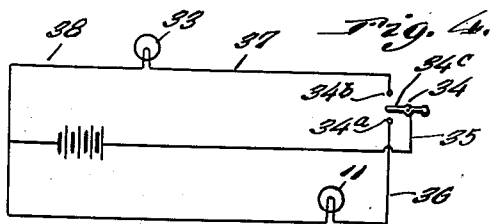
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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE

2,290,419

TACKLE BOX

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1 Claim. (Cl. 240-6.4)

This invention relates broadly to what are commonly known in the art as "tackle boxes," such being employed by fishermen for carrying fishing tackle; and an object of the present invention is to provide a box of this character equipped with a flash light so as to provide for the illuminating of a considerable area adjacent to the tackle box enabling the same to be used, as often required, after dark for various purposes.

Also in accordance with the present invention the tackle box is provided with means for illuminating the box in the region of the handle thereof to further facilitate the location of the handle of the box at night or in dark places.

The invention together with its objects and advantages will be best understood from a study of the following description taken in connection with the accompanying drawings wherein:

Figure 1 is a perspective view of a tackle box equipped with illuminating means in accordance with the present invention.

Figure 2 is an enlarged detail sectional view taken substantially on the line 2—2 of Figure 1.

Figure 3 is an enlarged detail sectional view through the end wall of the box with which the head of the flash light is associated, and illustrating certain details hereinafter more fully referred to.

Figure 4 is a wiring diagram, showing the electric circuit for the handle illuminating bulb.

Referring more in detail to the drawings it will be seen that 5 designates a somewhat conventional tackle box, the hinged lid of which is indicated by the reference numeral 6, and the handle associated with the lid indicated by the reference numeral 7.

In accordance with the present invention a somewhat conventional flash light 15 is disposed within the tackle box adjacent one end of the box. The casing 16 of the flash light has the cap-equipped end 17 thereof accommodated in an opening 18 provided therefor in a bracket-standard 19 that rises from the bottom 20 of the tackle box and has a base 21 welded or otherwise secured to the bottom 20.

An end wall 22 of the box 5, in alignment with the opening 18, is provided with an opening 23 to accommodate the flanged ring 14 of the flash light, and which ring serves to hold the lens 13 in position on the flash light, and in the present instance exteriorly of the tackle box 5 as clearly shown.

Coacting with the lens-retaining ring 14, in accordance with the present invention, is a ring 24 of conductive material and is threaded on the

flanged skirt of the ring 14 internally of the box 5, the ring 24 bearing against a gasket 25 that is interposed between the wall 22 and the ring 24 as shown in Fig. 3.

It will thus be seen that the flash light 15 may be readily positioned, and when desired quickly removed from the tackle box.

Also in accordance with the present invention there is suitably mounted in the lid 6 of the box, and in the region of the handle 7, a "bull's eye" light, that, in the present instance consists of a lens 26 mounted in one end of a tubular sleeve 27.

The sleeve 27 is mounted in an opening 28 provided in the crown of the lid 6 and is secured in position through the medium of a nut 29 threaded on the sleeve.

A bracket arm 30 has an apertured end disposed on the sleeve 29 and clamped thereon between the crown of the lid 6 and the nut 29 as shown in Figure 2.

At the free end thereof the bracket arm 30 has a depending portion 31 equipped with a conventional lamp socket 32 that accommodates, in suitable position with respect to the lens 26, a conventional electric lamp bulb 33.

Suitably mounted in the crown of the lid 6, in a position adjacent to the handle 7, is a manually manipulative electric switch indicated generally by the reference numeral 34.

The switch 34 may be of any suitable type, and in accordance with the present invention is common to the flash light 15 and the handle-illuminating bulb 33.

In this connection, and reference being had to Figure 3, it will be seen that the ring 24 is arranged in the circuit being connected with the movable or bridge contact of the switch 34 through the medium of a wire 35.

Also, by reference to Figures 3 and 4, it will be seen that one of the stationary contacts 34a of the switch 34 is connected with the socket 12 for the flash light bulb 11 through the medium of a wire 36, while the other stationary contact, 34b, is connected by a wire 37 with one side of the lamp 33, the other side of the lamp being connected in the circuit through the medium of a wire 38 that at one end is electrically connected as at 39, and as shown in Figure 3, with the flash light 15.

It will thus be seen that when the knob of the switch 34 is turned so that the movable bridge contact 34c thereof moves into engagement with the switch contact 34b, the circuit will be completed through the lamp 33 for illuminating the tackle box in the region of the

handle 7; and when the knob of the switch 34 is turned in an opposite direction to engage the bridge contact 34c thereof with the fixed switch contact 34a, the circuit will be completed through the bulb 11 of the flash light 15 so that the light will then serve to illuminate a considerable area adjacent to the tackle box to the advantage of the carrier of the box after dark, or whenever use of the flash light may be desired.

It is thought that the advantages of an invention of this character will be had by those skilled in the art without further detailed description.

While I have herein illustrated and described a preferred embodiment of the invention, it is to be understood that I am fully aware that changes in the details thereof may be resorted to by the user without departing from the spirit of the invention.

Having thus described the invention what is claimed as new is:

An illuminating attachment for a portable container having an opening in one wall thereof, a bracket standard rising from the bottom of said container and having an aperture in sub-

stantial alignment with the aforementioned opening, said aperture being adapted to receive the rear end of a flashlight and said opening being adapted to receive the bulb-equipped end of the flashlight for supporting the latter in the container, said bulb-equipped end of the flashlight including a lens retaining ring having an externally and internally threaded skirt projecting into the opening and threaded on the flashlight, a conductor ring threadedly engaged with the external threads of the retaining ring and coaxing therewith for clamping the bulb-equipped end of the flashlight in the aforementioned opening in the wall of the container, a gasket of insulating material interposed between said conductor ring and wall of the container, an electric lamp mounted in the container, and a switch carried by the container having electrical connection with said lamp and with said flashlight and also having an electrical connection with the battery of the flashlight through said conductor ring and adapted to selectively close an electric circuit with either the lamp or the flashlight.

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