F. A. WALTERS, W. M. BECKMAN & A. W. KOHL.

TROUBLE LAMP.

APPLICATION FILED JAN. 23, 1914.

1,146,979.

Patented July 20, 1915.

FIG. 2

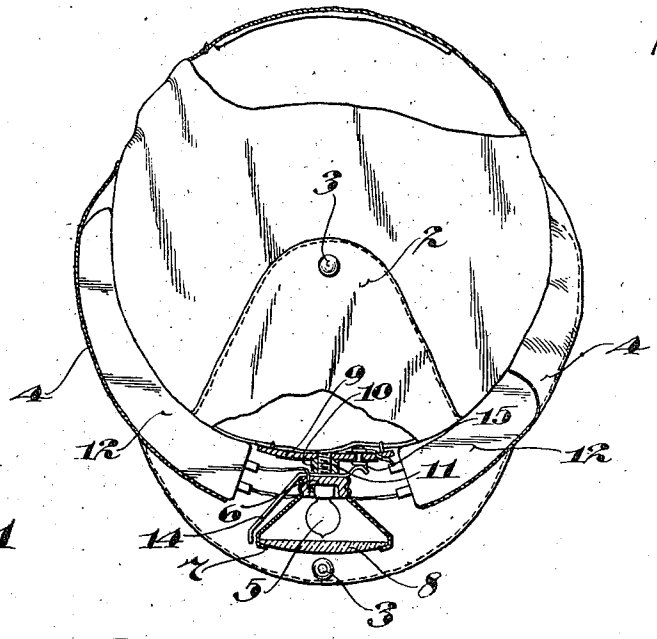


FIG. 1

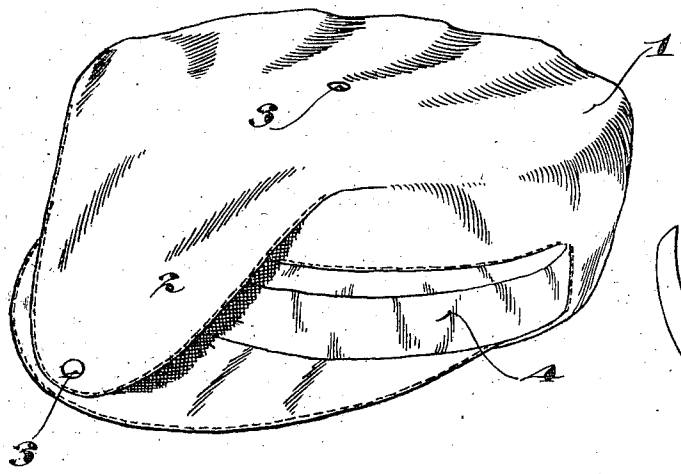
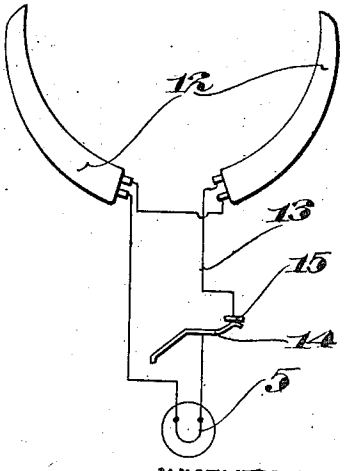


FIG. 3



WITNESSES

E. C. Skinkle

A. H. Opsahl.

INVENTORS

Frank A. Walters

Werner M. Beckman

Aaron W. Kohl

BY THEIR ATTORNEYS

Williamson & Merchant

UNITED STATES PATENT OFFICE.

FRANK A. WALTERS, WERNER M. BECKMAN, AND AARON W. KOHL, OF MINNEAPOLIS, MINNESOTA.

TROUBLE-LAMP.

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To all whom it may concern:

Be it known that we, FRANK A. WALTERS, WERNER M. BECKMAN, and AARON W. KOHL, citizens of the United States of America, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Trouble-Lamps; and we 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.

Our invention has for its object to provide an improved "trouble-lamp", adapted to be carried on a hat, cap, or head-gear; and it is especially adapted for automobile drivers, to be used in looking over the machine, in case of a break-down, or any other trouble. By carrying the lamp on the head, the wearer is free to work with both hands, and, owing to the position of the lamp, the light always shines directly on the work.

To the above end, generally stated, the invention consists of the novel devices and combinations of devices hereinafter described and defined in the claims.

In the accompanying drawings, which illustrate the invention, like characters indicate like parts throughout the several views.

Referring to the drawings, Figure 1 is a perspective view of a vizor cap, having incorporated therein the invention; Fig. 2 is a view corresponding to Fig. 1, with the exception that the cap is turned in a different position, with some parts broken away, showing the exposed parts in section, and with the so-called "flap" turned into a different position; and Fig. 3 is a view diagrammatically showing the electric circuit, battery cells, lamp, and switch.

The numeral 1 indicates, as an entirety, a vizor cap having secured to its crown, directly over the vizor, a flap 2. Separable fasteners 3 are provided for holding the flap either turned back and secured to the crown, as shown in Fig. 2, or pulled down, as shown in Fig. 1, and secured to the vizor of the cap. Formed in the band of the cap 1, and extending from the front partway around on each side, thereof, is a pair of reversely formed, long, narrow battery cell-holding pockets 4. The openings into these two pockets 4 are spaced apart, one from the other, and are so arranged as to be covered by the flap 2, when the same is pulled down and secured to the vizor of the cap.

An electric light font is attached to the band of the cap, intermediately between the openings into the two pockets 4. This light font comprises an electric lamp 5, a lamp socket 6, a casing 7, and a lens 8. The light font is detachably secured to the cap by means of a plate 9, sewed or otherwise permanently secured to the cap-band, and having a threaded socket 10, into which the screw stud 11 of the lamp socket 6 is screwed.

Removably mounted in each pocket 4 is a battery cell 12, which cells may be of any desired make. The electric circuit from the battery cells 12 is indicated, as an entirety, by the numeral 13. In this electric circuit 13 is the lamp 5 and switch 14, in the form of a lever, intermediately fulcrumed to the stud 11, between the lamp socket 6 and the plate socket 10, for oscillatory movement into and out of engagement with a contact 15 on the plate 9. It is, of course, understood that the switch may be of any desired construction.

The above described device, while extremely simple, is thought to be highly efficient for the purpose had in view. In case the light font and the batteries are attached to a head-gear, the same may be carried in the pocket, or other convenient place, and placed on the head only when the same is to be used.

What we claim is:

1. The combination with a head-gear having a pair of reversely extended pockets, of an electric light font attached to said head-gear between the openings into said pockets, battery cells concealed in said pockets, and an electric circuit including said battery cells, and the lamp of said light font.

2. The combination with a vizor cap having a pair of reversely extended pockets in its band, a flap secured to the crown of said cap, and a separable fastener for securing said flap to the vizor of said cap, of an electric light font attached to the band of said cap between said pockets and under said flap, battery cells concealed in said pockets, and an electric circuit including said battery cells, and the lamp of said light font.

3. The combination with a vizor cap having a pair of reversely extended pockets in its band, a flap secured to the crown of said

cap, and a separable fastener for securing said flap to the vizor of said cap, of an electric light font attached to the band of said cap between said pockets and under said flap, battery cells concealed in said pockets, and an electric circuit including said battery cells, the lamp of said light font, and a switch.

In testimony whereof we affix our signatures in presence of two witnesses.

FRANK A. WALTERS.
WERNER M. BECKMAN.
AARON W. KOHL.

Witnesses:
ALICE L. KING,
HARRY D. KILGORE.