R. L. LITSEY.
COMBINED POLICEMAN'S CLUB AND LIGHT.
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Fig. 1

Fig. 2

WITNESSES:
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COMBINED POLICEMAN'S CLUB AND LIGHT.

1,018,358.


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To all whom it may concern:

Be it known that I, ROBERT L. LITSEY, a citizen of the United States, residing at Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in Combined Policemen's Clubs and Lights, of which the following is a specification.

This invention relates to clubs or billets for policemen's use, and has for its object the provision of a club with an electrical search light combined therewith in such manner that the primary functions thereof, as a club, are in no way impaired; and a further increase of the efficiency of the same is attained by the addition of a light that may be ready for instant use in positions of difficulty and danger.

The invention consists in the novel construction of a policeman's club and the combination and adaptation therewith of an electric light and operating devices thereof, as will be hereinafter more fully described in the appended claim and illustrated in the accompanying drawings.

In said drawings, Figure 1 is a longitudinal sectional view of a portion of a policeman's club illustrating an embodiment of the invention. Fig. 2 is a pictorial view showing the invention. Referring to said views, the reference numeral 1 represents the body of a policeman's club and 2 the handle portion thereof which may be formed of wood, fiber, or other suitable non-conductive material. Said handle end 1 is recessed at 3 axially thereof into the body of the club with a bore of suitable size to receive a dry battery 4 consisting of one or more cells. In proximity to its outer end said recess is provided with screw threads 5 and exteriorly thereof is suitably bound in metallic trimmings, comprising a revolvable band 6 and a screw-threaded ring 7.

8 is an exteriorly threaded plug adapted to engage in the screw threads 5 and is provided with an outwardly flaring axially arranged socket for the reception of a reflector 9 which may be separated therefrom, by a rubber cushion 10, to overcome any shocks endangering the lamp.

A plano-convex lens 11 is secured in the outer end of said socket in the path of the light rays collected and transmitted by said reflector. The smaller end of said reflector is apertured and formed with screw-threads for removable engagement with the threaded terminal casing 12 of an incandescent electric lamp 13. A metallic strip 14 secured to the inner end of said plug forms a resilient contact with said terminal 12 at one end and contacts at its other end with a circuit forming metal strip 15 which is arranged longitudinally of said recess and terminates in a resiliently offset end 16 which with a push button 17 extending through an aperture in the wall 2 of said recess in proximity of the inner end thereof. The non-conductive covering with which dry batteries are usually provided serves to insulate said strip 15 from the battery. 18 is a metal plate positioned at one end of said recess 3 and provided with an extension 19 terminating in proximity of said end 16 of the metal strip 15 and adapted to be contacted thereby when the said push button is depressed. 20 is a coil spring arranged to contact with one pole 21 of said battery and to connect same to the plate 18. A terminal 22 of said lamp is placed in contact with the other pole 23 of the battery when the plug 8 is screwed into the recess. A circuit is formed through said pole 23, the lamp terminals 22 and 12, the strips 14 and 15, the plate 18 and the spring 20 to the pole 21. Normally, said circuit is open at the contact between which is provided extension 19 of the plate 18 and is closed by pressure upon said button 17. 24 is a strap secured at each end to said revolvable band 5 and adapted to be worn over the user's wrist, as ordinarily.

The invention is extremely simple in construction and convenient and efficient in operation. It will be observed that there is no alteration in the bludgeon end of the club nor any metal employed therein that would unduly injure a person struck with same. The extent of the recess may be enlarged to any suitable amount to admit of batteries having the combined amperage desired.

What I claim as my invention and desire to secure by Letters Patent is:

In combination with a policeman's club having a handle provided with a longitudinal recess, a plug threaded into the outer end of the handle and having therein extending therethrough flaring outwardly from the inner to the outer end of the plug, a reflector fitting the walls of the flaring opening, a lens mounted in the outer end of the open-
ing, a lamp mounted in the opening at the inner end of the plug and provided with a terminal, a metallic strip carried by the inner end of the plug and engaging its inner end with said lamp terminal, a circuit forming metallic strip arranged longitudinally of the recess contacting at one end with the outer end of the metallic strip carried by the plug and having its other end terminating in an offset portion near the inner end of the recess, said offset portion carrying a push button extending through the wall of the recess, and a contact plate mounted in the recess at the closed end thereof, said plate connected to one pole of the battery and having an extension projecting into position to be engaged by said offset portion when the latter is forced toward the battery.

Witnesses:

H. Barnes,

E. Peterson.