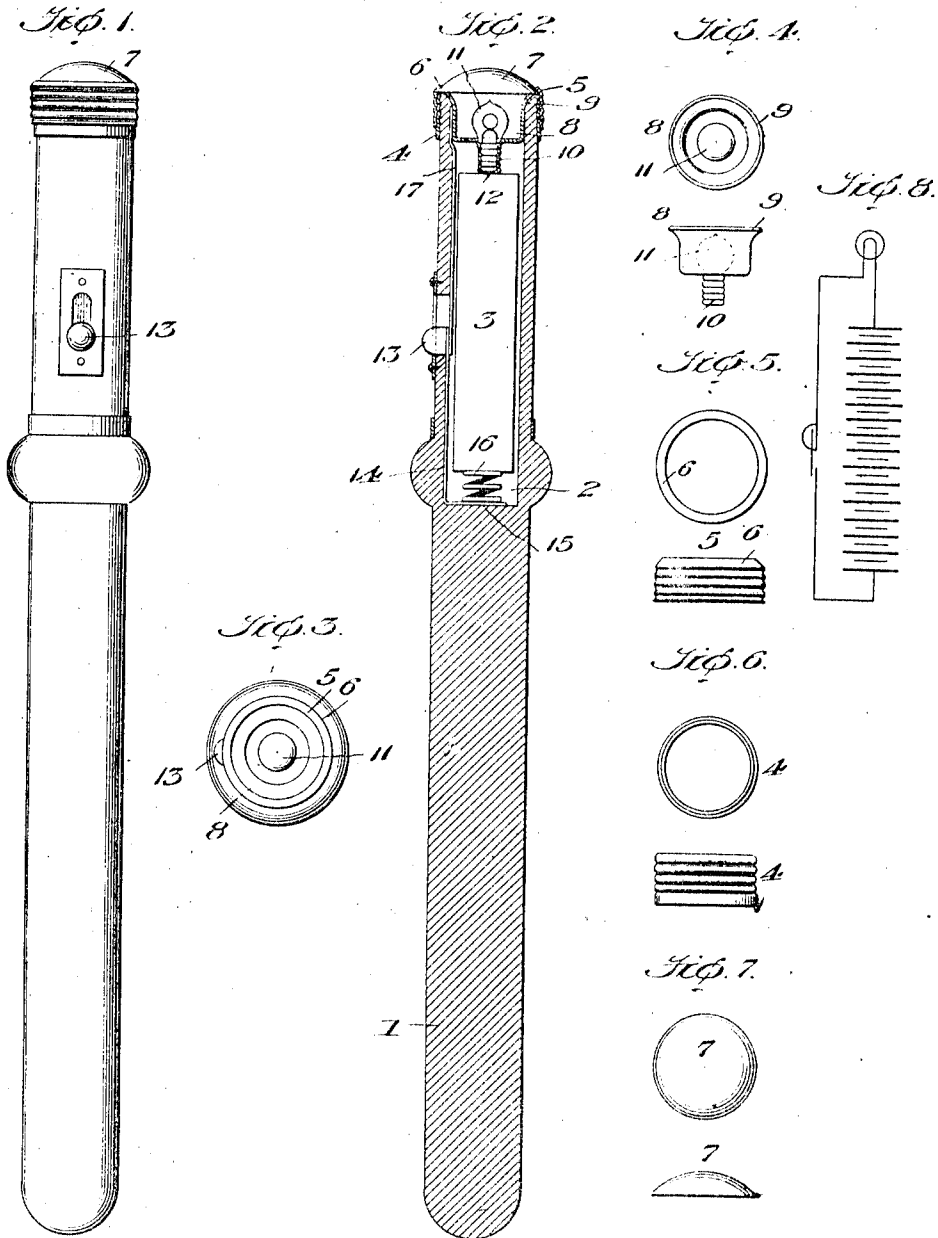


G. A. SMITHWICK.
 COMBINED CLUB AND FLASH LIGHT.
 APPLICATION FILED JULY 15, 1912.

1,066,540.

Patented July 8, 1913.



WITNESSES

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INVENTOR

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UNITED STATES PATENT OFFICE.

GEORGE A. SMITHWICK, OF METALINE FALLS, WASHINGTON.

COMBINED CLUB AND FLASH-LIGHT.

1,066,540.

Specification of Letters Patent.

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Application filed July 15, 1912. Serial No. 709,567.

To all whom it may concern:

Be it known that I, GEORGE A. SMITHWICK, a citizen of the United States, residing at Metaline Falls, county of Pend Oreille, and State of Washington, have invented certain new and useful Improvements in Combined Clubs and Flash-Lights, of which the following is a specification.

This invention relates to combined clubs and flash lights.

My invention has for its object the provision of an improved combined club and flash light, particularly one adapted for use by policemen and watchmen, which will be of simple, strong, and durable construction with the flash light protected against injury, even though the club be wielded with great force.

A further object is to provide a policeman's or watchman's club and an electric flash light constructed and arranged so that any ordinary or standard type of dry battery and incandescent lamp may be used and the parts so arranged that the battery and lamp may be quickly, easily, and cheaply renewed at any time.

A further object is to provide an improved combined club and flash light wherein a button switch is employed in the handle which permits the light to be readily turned on or off so that when the light is not needed, the battery may be saved.

The invention is set forth fully hereinafter and the novel features are recited in the appended claims.

In the accompanying drawings: Figure 1 is an exterior view; Fig. 2, a longitudinal section; Fig. 3, an end view looking toward the flash light; Fig. 4, views of the light and its holder; Fig. 5, views of the lens retainer; Fig. 6, views of the coupling on the club; Fig. 7, views of the lens; and Fig. 8, a diagrammatic view of the electrical connections.

The club 1 is of any suitable wood adapted for use as a policeman's or watchman's club, and is solid except in its handle where it is hollow, as shown at 2 to contain the dry battery 3 which may be of any ordinary or preferred form. Secured on the exterior of the end of the handle is a sleeve 4 and onto this is screwed a lens holder 5 having a flange 6 which engages the lens 7 and holds it against the end of the handle. Received within the end of the handle is a lamp holder 8 preferably provided with a

flaring mouth 9 to fit against a correspondingly flared mouth in the handle. The lens 7 rests against the flared mouth 9. The lamp holder has a screw-threaded socket 10 which receives the lamp 11, the latter being of any preferred or ordinary form of the incandescent type, the outer shell of which is in connection with one terminal of the filament and the other terminal of the filament being adapted to bear against the pole or terminal 12 of the battery. The handle is provided with a push button switch 13 having a flat strip of metal 14 located within the handle and at 15 bearing against a spring 16 which in turn bears against the other pole of the battery 3. The other part of the switch has a flat metallic strip 17 pressed between the lamp holder 8 and the wall of the handle. As shown in Fig. 8, the circuit runs from the push button by way of the strip 17 to the holder 8, thence through the lamp, through the battery and by way of the spring 16 and parts 14 and 15 to the open terminal of the switch.

The switch ordinarily remains open, but on depressing the button 13, the lamp is illuminated and the club may be then used as a flash light for any purpose desired. As the handle is the only part of the club which is hollow and because the club is made in one solid piece with no weakness, detachable parts, joints, or metallic connections, its strength, durability and effectiveness are the same as those of an ordinary policeman's or watchman's club, and it has the added advantage of being adapted for use as a flash light; besides having no features in violation of ordinance or rules of any section of the country appertaining to policemen's or watchmen's clubs.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:—

A combined club and flash light embodying a solid one-piece striking part and a hollow handle having an internal flared mouth at the outer end thereof, a battery contained within the handle, a threaded sleeve surrounding and secured on the outside end of the handle, a metallic lamp-holder having a flared end corresponding to and fitting directly against the internal flared end of the handle, a lamp carried by and electrically contacting with said holder, a lens bearing against the flared end of the lamp-holder, an exterior detachable threaded sleeve de-

5 tachably engaged with the sleeve aforesaid and holding the lens against the lamp-holder, the battery and lamp being in circuit with each other, a metallic strip extending longitudinally within the hollow handle and having one end clamped between the lamp-holder and the handle and in electrical contact with said holder, a metallic strip disposed within the handle and in electrical

contact with the battery, and a switch controlling the circuit between the two metallic strips aforesaid. 10

In testimony whereof, I hereunto affix my signature in presence of two witnesses.

GEORGE A. SMITHWICK.

Witnesses:

ELMER SWANSON,
PHILIP PARSONS.