

Aug. 31, 1948.

H. A. WALWORTH

2,448,240

ELECTRIC LAMP ATTACHMENT FOR CAPS

Filed April 30, 1947

2 Sheets-Sheet 1

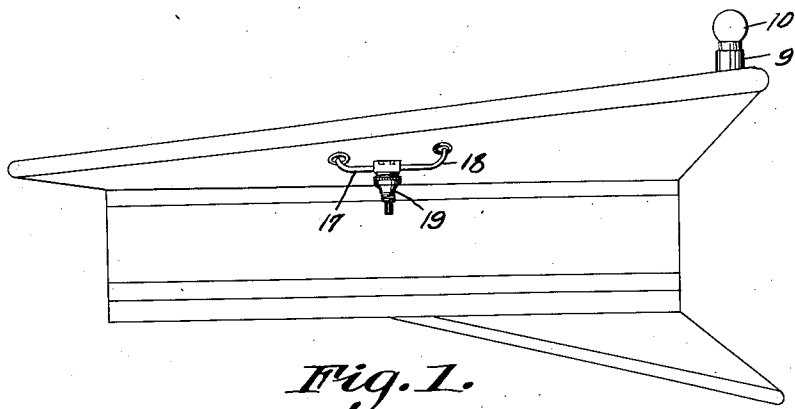
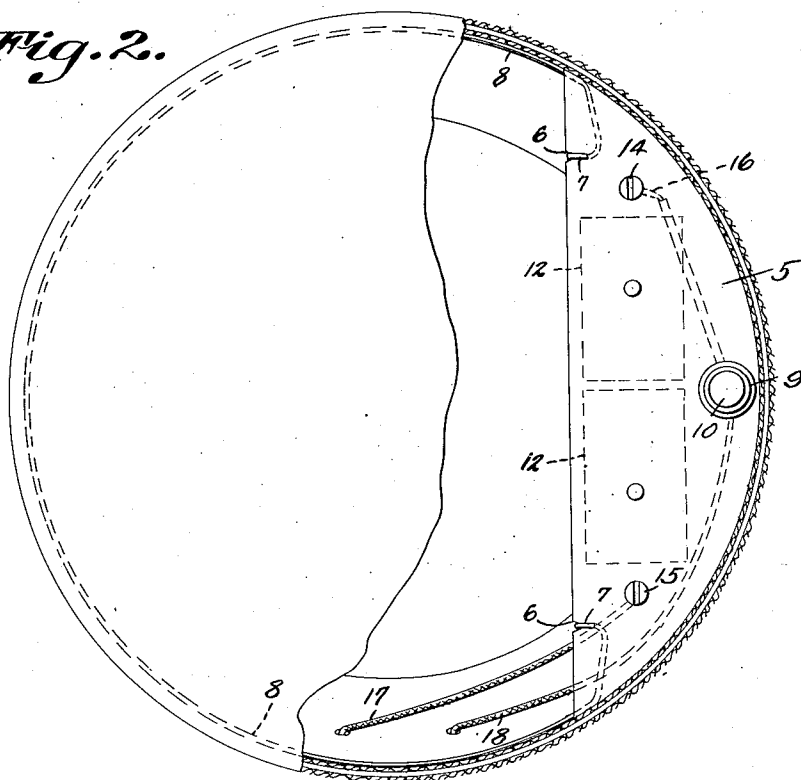


Fig. 1.

Fig. 2.



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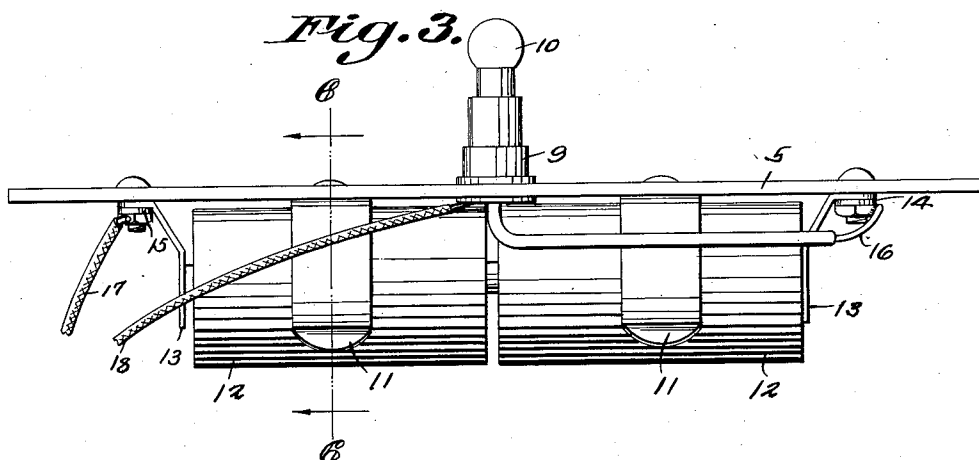
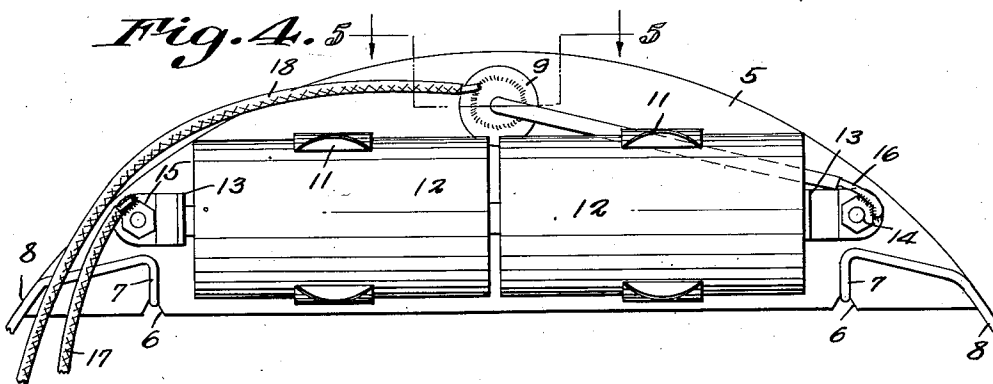
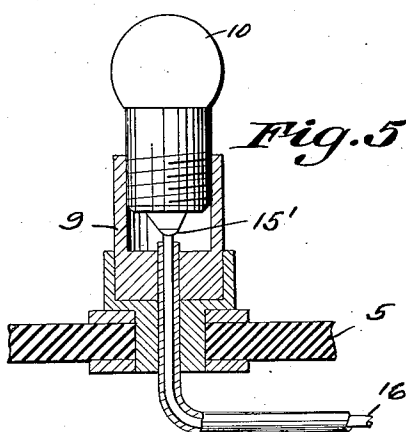
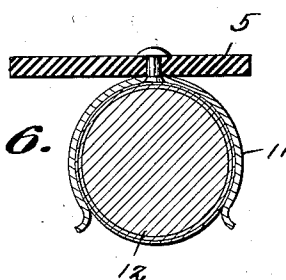
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ELECTRIC LAMP ATTACHMENT FOR CAPS

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2 Sheets-Sheet 2



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2,448,240

ELECTRIC LAMP ATTACHMENT FOR CAPS

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Application April 30, 1947, Serial No. 744,907

1 Claim. (Cl. 240—60)

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This invention relates to an attachment designed for use on caps, and particularly caps of the uniform type, the primary object of the invention being to provide means which may be secured to a cap to illuminate the cap on which it is supported.

Another important object of the invention is to provide means within the cap for supporting batteries to supply a lamp supported exteriorly of the cap, with electric current, a switch being provided whereby the electric lamp may be illuminated at the will of the person wearing the cap.

Still another object of the invention is to provide a support which will be held in place by means of a grommet.

With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of certain novel details of construction and combination of parts, hereinafter more fully described and pointed out in the claim, it being understood that changes may be made in the construction and arrangement of parts without departing from the spirit of the invention as claimed.

Referring to the drawings:

Figure 1 is a side elevational view of a cap equipped with an illuminating mechanism constructed in accordance with the invention.

Figure 2 is a plan view of the cap, a portion of the top of the cap being broken away to illustrate battery supporting means as mounted therein.

Figure 3 is an elevational view of the attachment.

Figure 4 is a bottom plan view of the attachment.

Figure 5 is a sectional view taken on line 5—5 of Figure 4.

Figure 6 is a sectional view taken on line 6—6 of Figure 3.

Referring to the drawings in detail, the attachment comprises a supporting plate 5, which is constructed of suitable insulating material, the front edge thereof being curved to fit within the curved top of a cap, while the rear edge thereof is substantially straight, as clearly shown by Figure 4 of the drawings. Notches 6 are formed in the rear straight edge of the support 5, which notches are adapted to receive the hooked ends 7 of the grommet 8, which holds the supporting plate 5 in its proper position within the cap.

Adjacent to the curved front edge of the supporting plate 5, is a lamp socket 9, which is of a length to extend through an opening formed in the cloth top of the cap, to support the electric lamp indicated by the reference character 10, in an exposed position at the front and top of the cap.

Extending from the surface of the supporting

plate 5, are pairs of spring clips 11 in which the electric dry cells 12 are clamped, securing the dry cells to the supporting plate.

Secured to the supporting plate are spring contact arms 13 which are held in position on the supporting plate 5 by means of the terminals 14 and 15, to which the wires 16 and 17, respectively are connected. The wire 16 extends through the lamp socket 9 to be engaged by the contact 15' on the inner end of the lamp 10, as clearly shown by Figure 5 of the drawings. While 18 constitutes the negative wire of the circuit, and is shown connected with the wall socket 9, the opposite end of the wire 18 is connected with the switch 19. The wire 17 which connects with the terminal 15 also connects with the switch 19 so that by operating the switch the circuit may be completed or broken. The wires leading to the switch are positioned through ventilating openings formed in the cap as shown by Figure 1.

From the foregoing it will be seen that due to the construction shown and described, I have provided an electric lamp attachment for use on caps, so that a group of people wearing the caps may, by operating the switches to complete circuits to the lamps, cause the caps to be illuminated in the dark, so that designs may be made by the people wearing the caps maneuvering in a predetermined manner, thereby causing an exceptionally pleasing display.

Having thus described the invention, what is claimed is:

In an electric light attachment for caps, a grommet formed with hooks at its ends, a supporting plate having notches in the rear end thereof in which the hooked ends of the grommet are disposed, the forward edge of the plate being curved fitting the curvature of the cap, said grommet urging the supporting plate forwardly within the cap, securing the plate in position, a lamp socket on the plate, said lamp socket being extended through the cloth of the top of the cap, battery clamps secured to the plate and within which batteries are held, electric wires providing a circuit between the batteries and lamp, and a switch for controlling the circuit to the lamp.

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REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,065,147	Koroly	June 17, 1913
1,096,285	Collier	May 12, 1914
1,146,979	Walters et al.	July 20, 1915
2,203,028	Parrillo	June 4, 1940