

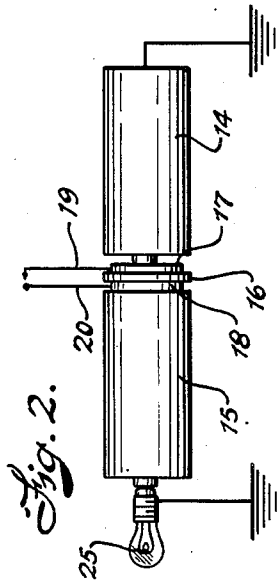
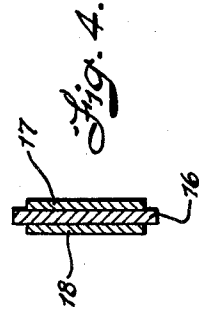
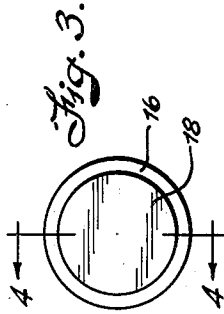
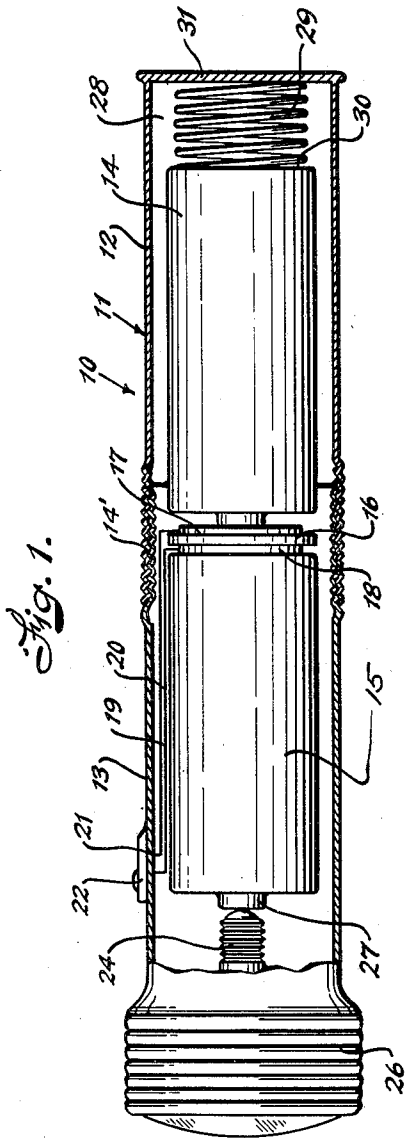
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2,522,012

FLASHLIGHT

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# UNITED STATES PATENT OFFICE

2,522,012

FLASHLIGHT

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3 Claims. (Cl. 240—10.6)

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My invention relates to a flash light and has for an object to provide a flash light in which the switch is not connected to ground.

A further object of the invention is to provide a flash light in which the batteries are separated and connected by wiring through a switch.

Another object of the invention is to provide a flash light in which the lamp bulb is seated in the ground and directly upon a battery pole.

A still further object of this invention is to provide a flash light which will eliminate practically all insulation, shorting through corrosion, dampness, wearing or breaking of circuit members caused by batteries; thereby adding longer life and at far less expense than present day flash lights.

Other features and advantages will become more readily apparent from the following description and the accompanying illustrative drawings in which:

Figure 1 is a longitudinal sectional elevation of my flash light,

Figure 2 is a diagrammatic view of the wiring of the device,

Figure 3 is a detail elevation of a circuit closing member, and

Figure 4 is a section on line 4—4 thereof.

In the above drawings as well as in the specification to follow, the same characters of reference indicate the same parts throughout.

While one embodiment of my invention is illustrated in the above referred to drawings, it is to be understood that they are merely for the purpose of illustration and that various changes in construction may be resorted to in the course of manufacture in order that the invention may be utilized to the best advantage according to circumstances which may arise, without in any way departing from the spirit and intention of my device, which is to be limited only in accordance with the appended claims. And while I have stated the primary field of utility of my invention it remains obvious that it may be employed in any other capacity wherein it may be found applicable.

In the drawings 10, indicates my invention which comprises a casing 11, formed in two sections 12 and 13, screw-threaded together centrally as at 14'. Mounted within the casing are a pair of flashlight batteries 14 and 15, being spaced apart by a non-conductor disk 16, on either side of which is provided conductors 17 and 18, respectively, which contact the positive and negative ends of the batteries. To the members 17 and 18, are conductor wires 19 and 20, which extend to an aperture 21, in the wall 13, over which a switch member 22, is slidable, whereby said wires may be connected or disconnected as desired. The conductor 24, of the lamp 25, is mounted in the head 26, in such a manner as to directly contact the positive pole 27, of the battery 15. The lower end 28, of the casing

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member 12, is permanently closed and has seated therein a coiled spring 29, which bears upon the negative end 30, of the battery 14, and the casing wall 31.

From the foregoing it will be seen that I have provided a flashlight which requires no insulation and no internally moving contact members which may become broken, distorted or otherwise out of commission. The casing 11, acts as a ground and the lamp 25, is grounded in its support (not shown). Thus the only possible closing of the electric circuit is through the switch 22.

It is thought that persons skilled in the art to which the invention relates will be able to obtain a clear understanding of the invention after considering the description in connection with the drawings. Therefore, a more lengthy description is regarded as unnecessary.

Changes in shape, size and rearrangement of details and parts such as come within the purview of the invention claimed may be resorted to, in actual practice, if desired.

Having now prescribed my invention that which I claim as new and desire to procure by Letters Patent is:

1. A flashlight comprising a pair of sections terminally connected to form a tubular casing, a battery in each section, said batteries being axially aligned with their adjacent poles spaced apart and disposed at the terminal connection of the sections, a lamp carried by one section in direct electrical contact with the pole of one battery, a ground conductor connecting the other pole of the other battery and said lamp, a conductor extending between and connecting the adjacent poles of said batteries and a switch interposed in said last-mentioned conductor and mounted exteriorly of said casing for controlling the circuit through said last mentioned conductor.

2. The combination of claim 1 wherein said switch is mounted on that section which carries the lamp.

3. The combination of claim 1 wherein the adjacent poles are spaced apart by an insulating disk having terminals on opposite sides thereof, said terminals engaging said last mentioned conductor and said adjacent poles.

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