ABSTRACT FOR FLASHLIGHT BLINKER

This device is known as the Flashlight Blinker. This is a device that may be inserted in to the battery compartment of any flashlight that utilizes 1 or more standard sized cells of the type “C” or type “D” configuration. This device consists of a flatly shaped disk which contains the necessary electronic circuitry to perform the various functions listed herein.

Upon insertion in to the battery compartment of a flashlight this device enhances the operation of the flashlight to include but not be limited to operation in the states of continuous beam operation, pulsed operation, or Morse code S-O-S operation. The disk is inserted in to the battery compartment and is activated by simply operating the on off switch that is already a part of the flashlight. No other installation or modifications to the existing embodiment of a flashlight is/are required. A first switching on of the flashlight will operate the flashlight in the steady or continuous on mode. Cycling the on-off switch will then operate the flashlight in the pulsed mode. A third cycling of the on-off switch will then operate the flashlight in the Morse S-O-S mode. These three modes of operation are in a fixed sequence and will cycle through the sequence upon continuous cycling of the on-off switch. Allowing the flashlight to remain in the off or deactivated condition for a period of 60 seconds returns the flashlight to the initial operational mode whereupon the “first” operation of the on-off switch will return the flashlight to the steady or continuous on mode.

The device is shaped as a flat disk which is the same outside diameter as a standard sized “C” type battery cell. The device is adapted for use in a “D” type battery compartment tube or holder by inserting the device in to a plastic or other insulative adaptor designed to hold the device securely in place for type “D” cell operation. The device has an electrical contact located on both the upper and lower surfaces. This contact is positioned so that it is concentric to the disk in order to place the multiplicity of contacts in direct connection with the traditional locations of the electrical contacts of the standard types “C” and “D” cells. Insertion of the device is polarity sensitive and must be placed physically in contact with the batteries in the correct physical direction in order to achieve the correct polarity and thusly, the correct operation of the device. Insertion of the device in to the battery compartment in the reversed polarization will result in a lack of proper operation. Insertion of the device in the reversed polarization will not damage the device.

The flash or pulsed mode of the device may be adjusted by the operation of a small switch on the surface of the device. This flash or pulsed mode speed may be adjusted by the operation of this switch.

It is intended that this device be provided as a device that may be offered for use by the public as an accessory to both new and existing flashlights.

Contact 1 is oriented to be the positive contact terminal. Contact 2 is located as to be the negative terminal. The device, 3, is able to be inserted in to the size adaptor, 4. Switch, 5, are noted to change the speed of the pulse mode (mode two) of the device

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