W. J. MONAGHAN.

PORTABLE ELECTRIC LAMP.

APPLICATION FILED APR. 6, 1914.

1,106,828. Patented Aug. 11, 1914.

Fig. 1.

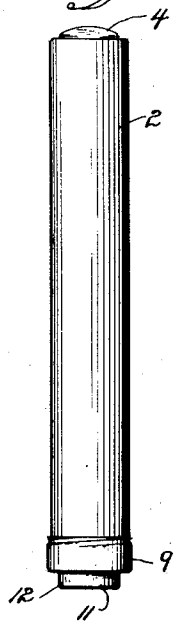
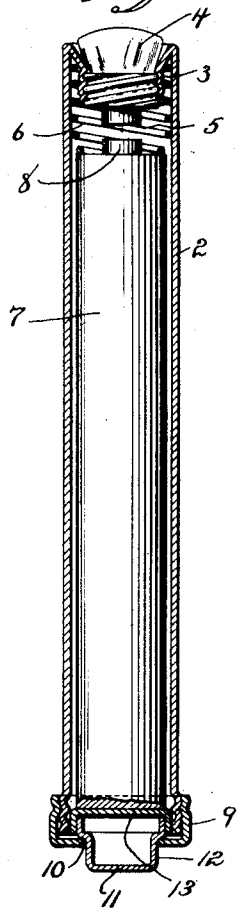


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

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PORTABLE ELECTRIC LAMP.

1,106,828. Specification of Letters Patent. Patented Aug. 11, 1914.

Application filed April 6, 1914. Serial No. 830,015.

To all whom it may concern:

Be it known that I, WILLIAM J. MONAGHAN, a citizen of the United States, residing at Waterbury, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Portable Electric Lamps; and I do hereby declare the following, when taken in connection with the accompanying drawings and the characters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this application, and represent, in—

Figure 1 a side view of a portable electric lamp constructed in accordance with my invention. Fig. 2 a vertical sectional view of the same on an enlarged scale.

This invention relates to an improvement in portable electric lamps, the object being to produce a lamp of such small compass that it may be readily carried in the pocket like a pencil; and the invention consists in certain details of construction as will be hereinafter described and pointed out in the claims.

In carrying out my invention, I form a casing 2 from a piece of tubing of suitable length, the outer end 3 of which is turned inward and threaded to receive the usual electric lamp bulb 4 which is provided with the usual contact 5. Within the inner end of the casing I locate a coil spring 6 which bears upon the outer end of the cylindrical battery 7 which is provided with the usual contact 8 in line with the contact 5 of the lamp, this spring normally tending to keep the contacts apart. The inner end of the tubular casing is provided with threads to receive a cap 9 which has a perforation 10 for the passage through it of a push button 11. This push button as shown is preferably struck up from sheet metal and comprises a cup-shaped finger-piece 12 and a shell 13 set over the open end of the finger-piece and forming a metallic bearing for the end of the battery which is forced upon it by the spring 6. An inward push on the button 11 compresses the spring 6 and allows the contacts 5 and 8 to meet so as to close the circuit through the lamp. A very simple form of portable electric lamps is thus provided and contact is made without the use of buttons extending through the side walls of the casing which require the casing to be enough larger than the battery to permit the push buttons to operate.

I claim:—

1. A portable electric lamp comprising a tubular casing adapted to contain an electric lamp at one end, a cap attached to the opposite end, said cap formed with an opening, and a metal push-button within the casing in which it is longitudinally movable, said button having a finger-piece projecting outward through the opening in said cap.

2. A portable electric lamp comprising a casing one end turned in and internally threaded, an electric lamp engaging therewith, an electric battery in said casing, a spring between the battery and casing and tending to separate the battery from the lamp, the opposite end of the casing closed by a cap having an opening, and a push button located within the casing and projecting outward through said cap and furnishing a support for the battery.

In testimony whereof, I have signed this specification in the presence of two subscribing witnesses.

WILLIAM J. MONAGHAN.

Witnesses:

J. S. NEAGLE,

A. C. RECKER.