O. L. SCALBOM.

FLASH LIGHT.

APPLICATION FILED SEPT. 8, 1916.

1,224,215. Patented May 1, 1917.

Fig. 1.

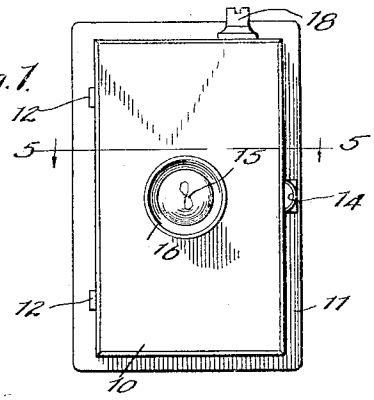


Fig. 2.

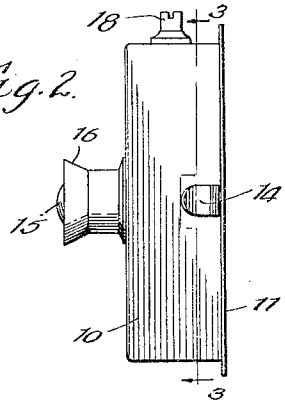


Fig. 3.

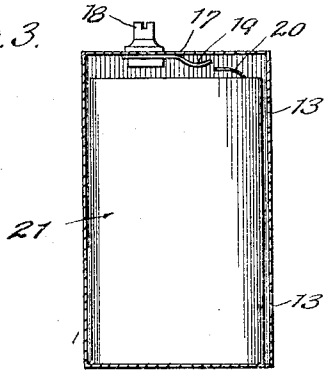


Fig. 4.

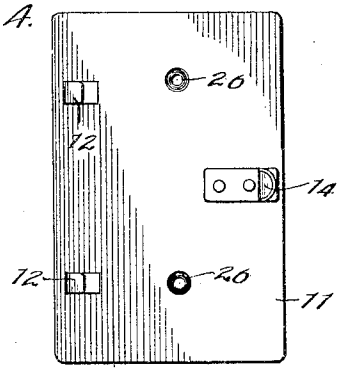


Fig. 5.

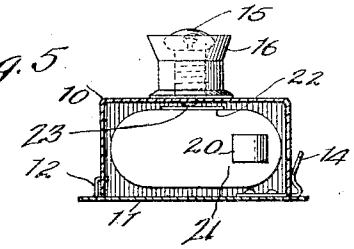


Fig. 6.

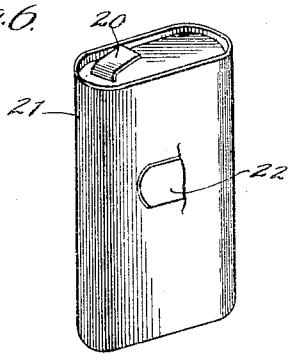
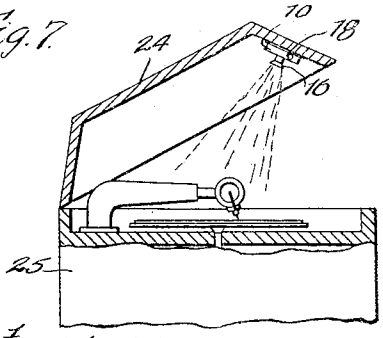


Fig. 7.



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UNITED STATES PATENT OFFICE.

OSCAR L. SCALBOM, OF GLENVIEW, ILLINOIS.

FLASH-LIGHT.

1,224,215. Specification of Letters Patent. Patented May 1, 1917.

Application filed September 8, 1916. Serial No. 118,960.

To all whom it may concern:

Be it known that I, OSCAR L. SCALBOM, a citizen of the United States, residing at Glenview, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Flash-Lights, of which the following is a specification.

This invention relates to improvements in lights, commonly known as "flash lights", and one of the objects of the invention is to provide an improved self-contained device of this character in which a battery is removably housed within an open casing, the casing being provided with a closure, and provisions whereby the casing may be secured to a support or within an inclosure in such a manner that the casing may be opened to gain access to the battery to renew the same, without entirely detaching all of the parts from the support.

A further object is to provide an improved device of this character embodying a make and break device for the light circuit whereby the light may be controlled at will from the exterior of the casing.

A further object is to provide an improved device of this character which will be light, simple, durable and cheap in construction and effective and efficient in operation.

To the attainment of these ends and the accomplishment of other new and useful objects as will appear, the invention consists in the features of novelty in substantially the construction, combination and arrangement of the several parts hereinafter more fully described and claimed and shown in the accompanying drawings illustrating the invention and in which—

Figure 1 is a front elevation of an improved device of this character constructed in accordance with the principles of this invention.

Fig. 2 is a side elevation of the parts shown in Fig. 1.

Fig. 3 is a sectional view taken on line 3—3, Fig. 2.

Fig. 4 is an elevation showing the closure of the casing and which closure is secured to the support for holding the parts in position.

Fig. 5 is a sectional view taken on line 5—5, Fig. 1.

Fig. 6 is a detail perspective view of the battery.

Fig. 7 is a detail diagrammatic sectional view showing one adaptation of this invention.

Referring more particularly to the drawing, the numeral 10 designates a casing having one of its walls formed by a closure 11 and in the present form of the invention, the casing proper is of a box-like formation and is removably secured to the closure preferably by means of hooked shaped portions 12 and which portions 12 are adapted to engage in openings 13 in one of the side walls of the casing adjacent the end thereof. A spring catch 14 is provided for securing the other side of the closure 11 to another wall of the casing 10, so that when it is desired to gain access to the interior of the casing, all that is necessary is to adjust the catch 14 and then remove the hooked shaped portions 12 of the closure from the openings 13. Obviously the casing and closure may be secured together in any suitable manner.

One of the casing walls is provided with an opening therethrough and in which opening is arranged a light socket adapted to receive a light 15 and surrounding this socket and the light is a guard or shield 16, for protecting the light.

One of the casing walls is provided with a slot 17 through which a handle 18 extends and which handle is connected with a contact 19 for shifting the latter into and out of engagement with a coöperating contact 20 of a battery 21, and which battery is arranged within the casing. The other contact 22 of the battery 21 is preferably arranged adjacent the side of the battery and in such a position that the portion 23 of the light 15, when the light is secured in position, will engage therewith to complete the circuit through the light when the contacts 19 and 20 are in engagement.

When it is desired to extinguish the light, the contact 19 is shifted, to separate the contacts 19 and 20.

This improved construction is adapted to be secured within a casing or inclosure in any suitable manner, so that when the casing is opened, all that is necessary to illuminate the same is to shift the contact 19 into engagement with the contact 20.

It is often times desirable to use a light in places where it is not convenient for a regular service light on a circuit to be used,

such for instance as in phonograph cabinets, etc., and often times considerable inconvenience is occasioned owing to the absence of matches, etc. With the present invention, the light can be secured within the inclosure, such for instance as the cover 24 of a phonograph cabinet 25. The device is secured in position in the present form of the invention, by means of suitable fastening devices passed through openings 26 in the closure 11 and which closure constitutes an anchor plate to which the casing proper is adapted to be secured.

The closure 11 being secured in position to the support and when the battery is worn out, all that is necessary is to detach the casing 10 from the closure, remove the battery and simply place another one in the casing, then secure the casing to the closure and the parts will be in position for use.

It will also be manifest that this improved simple, compact device is not only self-contained, but may be secured in position within a casing in such a manner that it will be out of the way and yet convenient and handy when it is desired for use. It also enables the operator to adjust the needle or stylus of a phonograph in the dark, that is without the necessity of lighting the ordinary illuminating lights in the room.

Furthermore, this improved device may be used in many places where it is inconvenient to use the ordinary incandescent light.

What is claimed as new is:

1. A self contained flash light embodying an open casing of box like formation, a closure for the casing, interengaging means on the casing and closure for detachably securing the parts together, one of the parts being adapted to be secured to a support to constitute an anchor for the other part, a lamp socket connected with one of the walls of the casing and opening therethrough, a lamp in the socket, a removable battery in the casing and in circuit with the lamp, and means for controlling the lamp.

2. A self contained flash light embodying an open box like casing, a closure for the casing, interengaging means on the closure and the casing for detachably securing the parts together, one of the parts being adapted to be secured to a support to constitute an anchor for the other part, a lamp socket connected with one of the walls of the casing and opening therethrough, a lamp in the socket, a removable battery in the casing and in circuit with the lamp, an annular shield secured to the casing and encompassing the lamp, and means for controlling the lamp.

3. A self-contained flash light embodying an open casing, a closure for the casing and detachable therefrom, one of the parts being adapted to be secured to a support to constitute an anchor for the other part, said closure and casing being one provided with a lip and the other with an aperture for removably receiving the lip, and a catch device coöperating with the said lip and aperture for detachably securing the closure and casing together, a lamp connected with one of the walls of the casing and visible from the outside of the casing, a battery removably held in the casing and in circuit with the lamp, and a make and break device included in the lamp circuit and accessible from the outside of the casing.

4. A self-contained flash light embodying an open casing, a closure for the casing and detachable therefrom, one of the parts being adapted to be secured to a support to constitute an anchor for the other part, said closure and casing being one provided with a lip and the other with an aperture for removably receiving the lip, and a catch device coöperating with the said lip and aperture for detachably securing the closure and casing together, a lamp connected with one of the walls of the casing and visible from the outside of the casing, an annular imperforate shield connected with the casing and encompassing the lamp, a battery removably held in the casing and in circuit with the lamp, and a make and break device included in the lamp circuit, and accessible from the outside of the casing.

5. A self-contained light of the character described, embodying a box-like casing, having one or more apertures adjacent the free edge of one of the casing walls, a closure plate for the casing, one or more ears formed on the plate and adapted to detachably engage the casing through said openings, a catch connected with the plate and adapted to engage the casing for removably securing the parts together, said plate being adapted to be secured to a support to constitute an anchor for the casing, a lamp socket connected with one of the walls of the casing and opening therethrough, a lamp in the socket, a battery within the casing and in circuit with the lamp, and means for controlling the circuit from the exterior of the casing.

6. A self-contained light of the character described, embodying a box-like casing, having one or more apertures adjacent the free edge of one of the casing walls, a closure plate for the casing, one or more ears formed on the plate and adapted to detachably engage the casing through said openings, a catch connected with the plate and adapted to engage the casing for removably securing the parts together, said plate being adapted to be secured to a support to constitute an anchor for the casing, a lamp socket connected with one of the walls of the casing and opening therethrough, a

lamp in the socket, a battery within the casing and in circuit with the lamp, there being a slot in one wall of the casing, and a switch element extending through the slot and operable from the outside of the casing for controlling the circuit.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 6th day of September, A. D. 1916.

OSCAR L. SCALBOM.

Witnesses:

IRMA M. BARING,

J. H. JOCHUM, Jr.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."