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WRIST ATTACHMENT FOR FLASHLIGHTS

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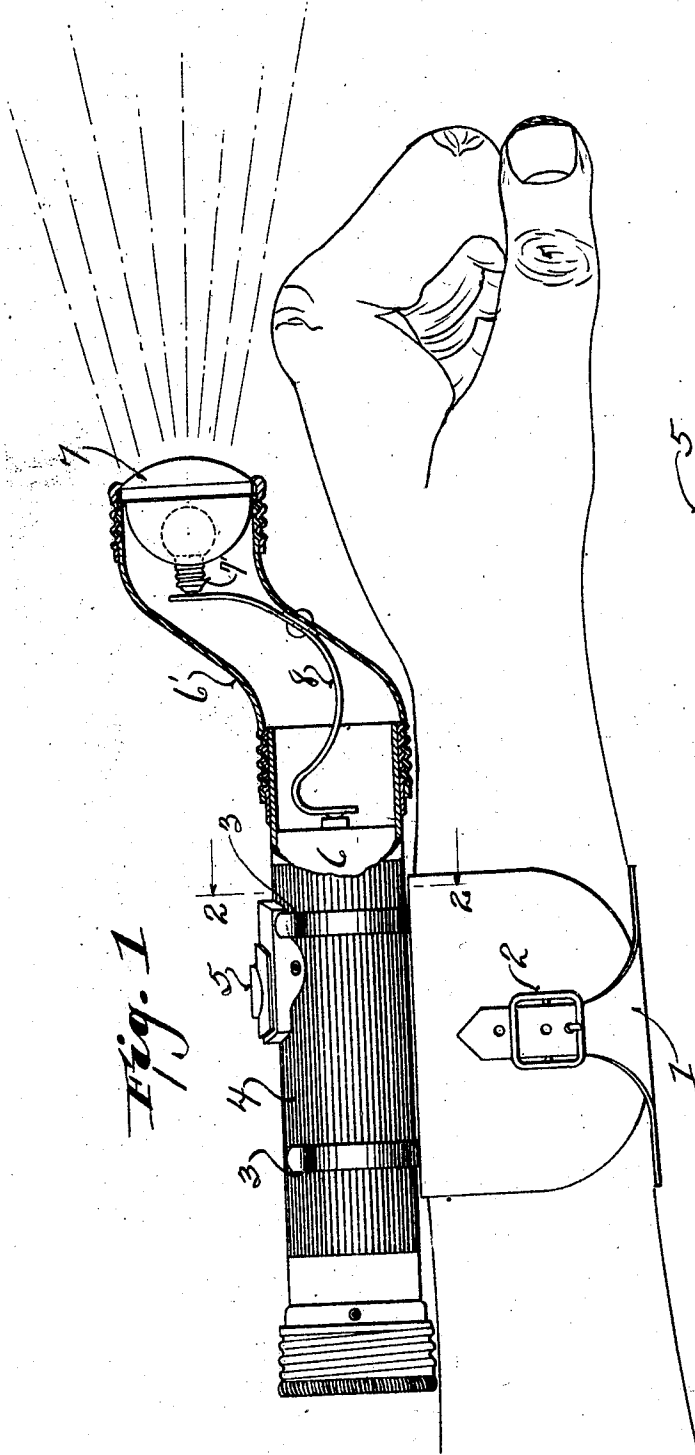


Fig. 1

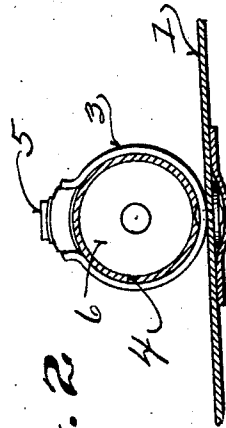


Fig. 2

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WRIST ATTACHMENT FOR FLASH LIGHTS

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My invention refers to flashlights and it has for its object to provide a simple, economical and effective holder for any type of flashlight, whereby the same can be quickly adjusted to the wrist of a user for convenient manipulation. By employing some means for attaching the flashlight to the wrist, it is obvious that both hands of the user are free and thus the advantages of the light can be obtained without jeopardizing manipulation of both hands, as for example, repairing automobiles, or in any case where a light is used as an aide to the duty or occupation of the user.

Heretofore it has been necessary to hold the light in one hand and at times when both hands were to be used, the light was placed upon the floor or ground, or in the pocket of the user. With my device the light is always accessible and its rays can be directed directly upon the work of the party using both hands, the location of the bulb with respect to the hand being such that the rays of light are not obstructed.

With the above and other objects in view, the invention consists in certain peculiarities of construction and combination of parts, as hereinafter will be set forth.

In the drawings:—

Figure 1 represents a side elevation of a flashlight embodying the features of my invention, with parts broken away and in section to more clearly illustrate certain structural features.

Figure 2 is a cross section of the same, as indicated by line 2—2 of Figure 1.

Referring by characters to the drawing, 1 represents a flexible wristband of any suitable material adapted to be tightly adjusted about the wrist by a standard buckle 2. In this exemplification of my invention the band has riveted or otherwise secured thereto a pair of spring clamps 3 spaced apart, as indicated in Figure 1. These clamps may have roughened end surfaces to form frictional grips and they are adapted to firmly clamp the knurled barrel or tube of a standard flashlight. The flashlight is provided with the usual control button 5 and batteries 6.

In practice it has been found that a stand-

ard flashlight, when adjusted to the wrist as shown in Figure 2 with the bulb in line with the barrel thereof, will, due to its position, cause interruption of the rays of light upon the object desired to be illuminated due to the fact that the hand of the operator is in advance of the bulb and when closed will sometimes be put into alinement with the reflected rays.

Hence, in order to overcome this objectionable feature, I may, as shown in Figure 1, attach to the standard barrel an offset gooseneck section 6' which is threaded on to the barrel and the outer end thereof carries the usual bulb and lens 7. The contact end 7' of the bulb is engaged by the spring strip 8 which is secured to the gooseneck and the opposite ends of said strip 8 are adapted to engage the last unit or battery cell, whereby the contact is maintained.

Thus, it will be seen that when the battery shell is firmly gripped it will not twist in its mounting and the gooseneck or offset section 6' will throw the rays of light clear of the closed fist of the operator.

While I have shown one specific method of detachably connecting the flashlight shell to the wrist strap or band, obviously I may vary the means of connection within the knowledge of those skilled in the art—for example, narrow strips may be used as substitutes for the spring clips 3, or the wrist band may be transversely slotted for interlocking engagement with a single strip or unit which will bind the flashlight shell in position. In other words, the details of construction with reference to attaching the flashlight may be indefinitely varied.

Obviously, the flashlight shell may in some cases be permanently secured to the wrist band.

It will be seen that owing to the simple connection, or wrist band, a user of the flashlight can conveniently carry the same and at all times have it accessible for use without in any way interfering with the use of either hand, and furthermore, the light is always intact for emergencies.

Although the invention has been variously described, in considerable detail, such de-

scription is intended as illustrative rather than limiting as the invention may be variously embodied and as the scope of the invention may be determined as claimed.

I claim:—

5 The combination of a flashlight having a casing provided with batteries, an attachment therefor for securing the casing to the wrist with the casing positioned parallel
10 with the wrist, a goose neck extension removably attached to one end of the casing and projecting upwardly and forwardly therefrom at one side of the hand of the user, a reflector and a bulb carried in the
15 outer end of said goose neck and so positioned with respect to the hand of the user whereby to project a ray of light parallel with the axis of the casing, a spring strip substantially secured to the goose neck with
20 one end of the strip engaging the contact end of the bulb and the other end of the strip contacting with an active unit of the battery.

25 In testimony that I claim the foregoing I have hereunto set my hand at Manitowoc, in the county of Manitowoc and State of Wisconsin.

GEORGE N. STEPHANI.

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