

March 18, 1941.

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2,235,109

MIRROR LIGHT

Original Filed May 31, 1938

Fig. 1.

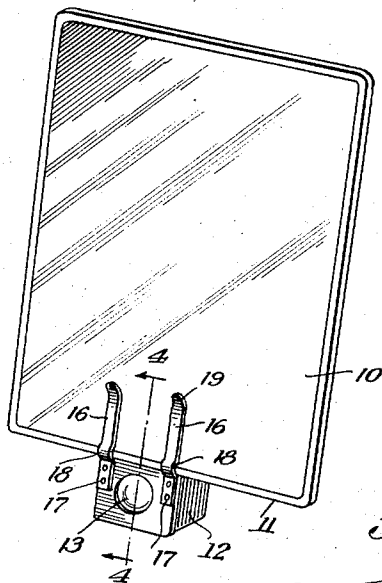


Fig. 2.

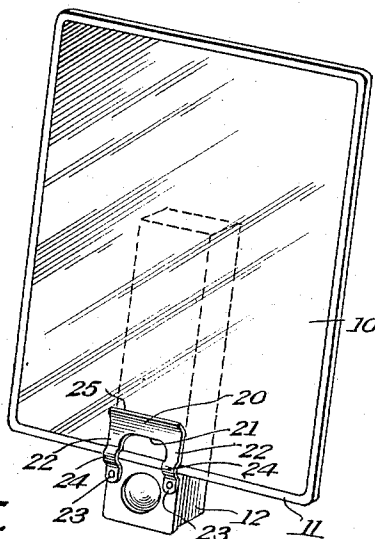


Fig. 5.

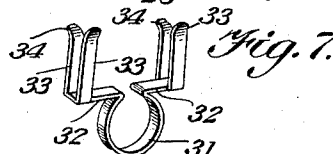


Fig. 3.

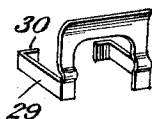


Fig. 7.

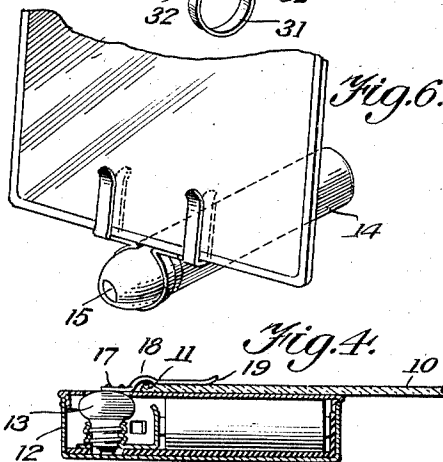


Fig. 6.

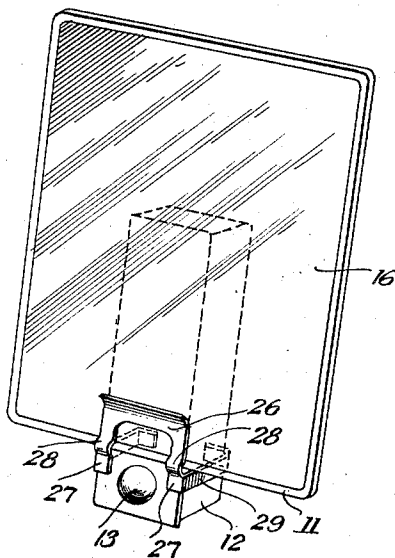
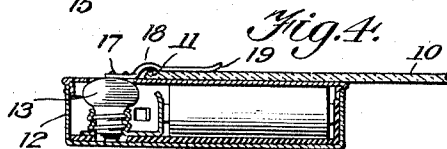


Fig. 4.



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2,235,109

MIRROR LIGHT

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Application May 31, 1938, Serial No. 211,009

Renewed January 10, 1940

2 Claims. (Cl. 240-4.2)

This invention relates to mirror lights of that general type described in patent application entitled Illuminated hand mirror, filed August 3, 1937, Serial No. 157,203, and allowed February 3, 1938.

An object of the present invention is to improve my prior structure above identified by the provision of a novel spring grip or holder for attaching a pocket mirror to a conventional inexpensive flashlight.

A further object is to provide a mirror, flashlight, and grip adapted to hold the mirror on the flashlight case in such manner that the case will serve as a handle and back support for the mirror while the facial area is illuminated by the bulb which is exposed below the mirror.

A further object is to provide a simple compact and inexpensive toilet article of this character which may be conveniently carried in the pocket or handbag without objectionable projections which might catch in adjacent articles.

With the above and other objects in view the invention consists of certain novel details of construction and combinations of parts hereinafter fully described and claimed, it being understood that various modifications may be resorted to within the scope of the appended claims without departing from the spirit or sacrificing any of the advantages of the invention.

In the accompanying drawing forming part of this specification,

Figure 1 is a perspective view of one embodiment of the invention showing a pair of spring grips secured to the flashlight case on opposite sides of the bulb.

Figure 2 is a perspective view of another embodiment of the invention showing a single grip secured to the flashlight case and having a notch formed therein to expose the bulb.

Figure 3 is a perspective view of another embodiment of the invention showing a notched grip having resilient legs embracing the sides of the case and extending over the back thereof for mounting the mirror on the case.

Figure 4 is an enlarged cross sectional view taken on the line 4-4 of Figure 1.

Figure 5 is a detail perspective view of the form of grip shown in Figure 3.

Figure 6 is a perspective view, with portions broken away, of another modified form of the invention in which the grip is adapted to mount the mirror upon a cylindrical flashlight of the fountain pen type.

Referring now to the drawing in which like characters of reference designate similar parts

in the various views, 10 designates a conventional pocket mirror having a bead 11 extending around the marginal edge. The flashlight shown in Figures 1, 2 and 3 is conventional and is provided with a narrow rectangular case 12. A lamp bulb 13 is located at the front side of the case near the bottom thereof and is disposed at a right angle to the axis of the case. The flashlight shown in Figure 6 is also conventional and is provided with a cylindrical case 14 having at one end a bulb 15 disposed to extend along the axis of the case. The invention resides in the spring grip means for attaching the mirror to the flashlight of either type disclosed.

By now referring to Figure 1 it will be seen that a pair of spring grips 16 are riveted as shown at 17 or otherwise secured at their lower ends to the flashlight case on opposite sides of the bulb 13. Each grip is provided with an offset portion 18 which is adapted to straddle the bead 11. The free end 19 of the grip is curved outwardly to permit the bead of the mirror to easily ride underneath the clip when the mirror is being inserted between the grip and the front side of the battery case.

The grip opens away from the bulb and extends parallel to and along the battery case. Since the grip opens away from the bulb the bulb will always be disposed adjacent to an edge of the mirror to give perfect illumination to the user's face. Also the grip lies flat along the mirror and thus presents long bearing surfaces at transversely spaced points for preventing accidental dislodgement of the mirror from the grip.

In Figure 2 the spring grip 20 is shown as a single piece of metal of sufficient width to extend across the entire width of the front face of the battery case 12. The grip is provided with a notch 21 in the bottom which forms spaced legs 22 which are terminally riveted as shown at 23 to the front side of the case or otherwise secured thereto. The legs are provided with offsets 24 which straddle the bead 11 of the mirror. The free end 25 of the grip is curved outwardly to permit the mirror to be easily inserted between the clip and the front face of the battery case.

In Figure 3 the spring grip 26 is formed of a single piece of metal of sufficient width to extend entirely across the front face of the battery case. The grip is provided with spaced legs 27 having offsets 28 which straddle the bead 11 of the mirror. The lower ends of the legs extend along the front face of the case and at the side edges are provided with resilient extensions 29 which extend along the sides of the case and

terminate at the rear ends in inwardly bent extremities 30 which extend over the back side of the case. This method of mounting the grip upon the case requires no rivets.

- 5 In all three forms of the invention just described the grip is located at the front side of the case adjacent to the lamp bulb and the case is located at the rear side of the mirror with the lamp bulb contiguous to an edge of the mirror.
- 10 The case serves as a handle to position the mirror in front of the face while the face is being made up and at the same time the case forms a back support for the mirror.

- The grip shown in Figure 7 is adapted to attach the mirror to a flashlight having a cylindrical case of the fountain pen type and to position the flashlight substantially perpendicular to and adjacent an edge of the mirror. The grip is formed of spring metal and comprises an arcuate collar 31 adapted to embrace the cylindrical case 14 of the flashlight. The ends of the collar are directed outwardly to provide aligned supports 32 for engaging the edge portion of the mirror. Each support terminates at the free end in a pair of upstanding spring tongues 33 adapted to engage opposite faces of the mirror. The tongues have out-turned free ends 34 which permit the mirror to be easily inserted in the grip.

- In all embodiments the mirror is positioned perpendicular to the axis of light projection and offset with relation to said axis of light projection so that it does not interfere with the light beam projected by the flashlight. When desired, of course, the mirror may be removed from the flashlight case and manipulated by one hand while the other hand is used to manipulate the flashlight, it simply being necessary to withdraw the mirror bodily from the spring grip to accomplish this purpose.

- 40 From the above description it is thought that the construction and operation of the invention will be fully understood without further explanation.

What is claimed is:

1. A combined flashlight and mirror holder comprising a flashlight case, an opening in one side of the case near one end thereof, a flashlight bulb mounted in the case adjacent the opening so as to project its rays through the opening, a resilient grip attached to the case between the opening and the opposite end of the case for detachably securing a conventional pocket mirror to the flashlight case, said grip being disposed adjacent to the flashlight bulb and extending parallel with said case, said grip opening toward the opposite end of the case from the bulb for securing the mirror at an edge portion to the case adjacent to the bulb so that the mirror extends from the bulb toward the other end of the case, the arrangement being such that the flashlight case forms a backing for the mirror and a handle for manipulating the mirror light.

2. A combined flashlight and mirror holder comprising a flashlight case, an opening in one side of the case near one end thereof, a flashlight bulb mounted in the case adjacent the opening so as to project its rays through the opening, a friction grip attached to the case between the opening and the opposite end of the case for detachably securing a conventional pocket mirror to the flashlight case, said grip being disposed adjacent to the flashlight bulb and extending parallel with said case, said grip providing spaced bearing surfaces for engagement with the mirror to prevent dislodgement of the mirror, said grip opening toward the opposite end of the case from the bulb for securing the mirror at an edge portion to the case adjacent to the bulb so that mirror extends from the bulb toward the other end of the case, the arrangement being such that the flashlight case forms a backing for the mirror and a handle for manipulating the mirror light.

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