Oct. 1, 1935. M. E. GOLDSTEIN 2,015,928

COMBINED FLASH LIGHT AND TOOL HOLDER

Filed Oct. 29, 1934

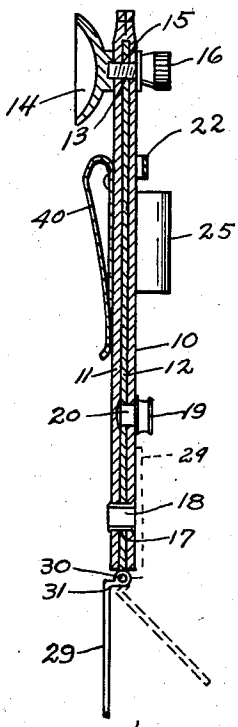


Fig. 1

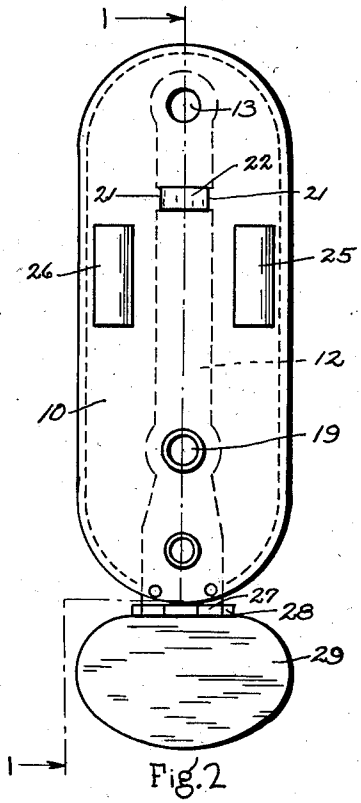


Fig. 2

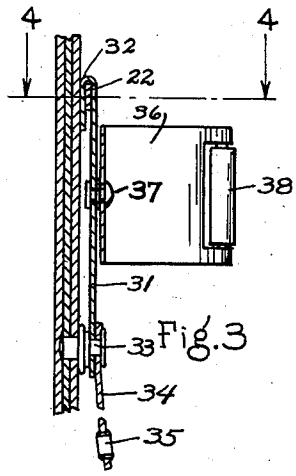


Fig. 3

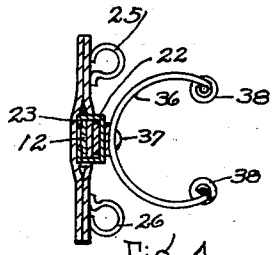


Fig. 4

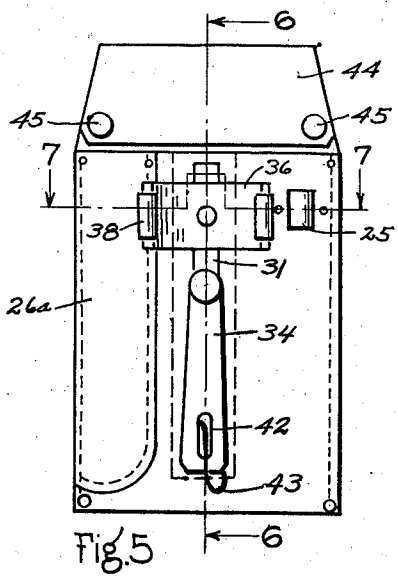


Fig. 5

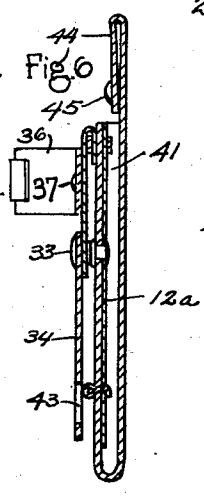


Fig. 6

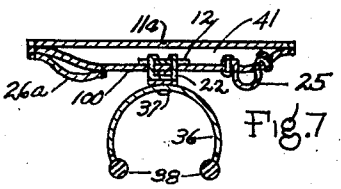


Fig. 7

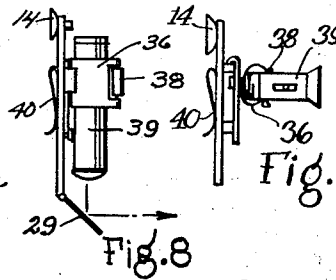


Fig. 8

Fig. 9.

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COMBINED FLASHLIGHT AND TOOL HOLDER

Morris E. Goldstein, Cheyenne, Wyo.

Application October 29, 1934, Serial No. 750,536

9 Claims. (Cl. 240—59)

This invention relates to improvements in combined flashlight and tool holders.

The ordinary electric flashlight has been found to be very useful in many places, and is employed by workmen of different kinds. Where a workman employs the ordinary electric flashlight for illuminating the work, he finds that he must either employ one hand for holding the flashlight or else improvise some means for supporting the light in such a position that it will illuminate the work.

In many cases it would be a great convenience if some means were provided for supporting the flashlight from the belt of the worker in such a way as to leave both of his hands free, as this would enable the worker to get light onto his work, and still not interfere with the operation that he is performing.

It is the object of this invention to produce a simple and substantial holder by means of which a flashlight can be supported from the belt of the wearer or from any smooth surface, and which shall also be provided with means for supporting pens and pencils or other tools or implements.

Another object of this invention is to produce a combined tool and flashlight holder of such construction that the flashlight can be readily removed and supported by a nail or hook on the wall and which can be easily and quickly replaced on the holder when desired.

A still further object of the invention is to produce a device of the type mentioned in which an adjustable mirror is provided that is located beneath the flashlight when it is held in operative position, and which will reflect the light from the flashlight so that when the flashlight is held in vertical position, the light can be reflected horizontally or upwardly or downwardly inclined.

A still further object of this invention is to produce a device of the type mentioned in which a large pocket is provided for the reception of tools such as chisels or pliers and which can be secured to the wearer's belt and will thus support not only the flashlight, but also some of the tools employed by the workman.

The above and other objects that may become apparent as this description proceeds are attained by means of a construction and an arrangement of parts that will now be described in detail, and for this purpose reference will be had to the accompanying drawing in which the preferred embodiment of the invention has been illustrated, and in which:

Fig. 1 is a section taken on line 1—1, Fig. 2, and shows the construction of the holder;

Fig. 2 is a front elevation of the holder shown in Fig. 1;

Fig. 3 is a section similar to that shown in Fig. 1, and shows the flashlight support in place thereon;

Fig. 4 is a section taken on line 4—4, Fig. 3;

Fig. 5 is a front elevation of a slightly modified form of the invention;

Fig. 6 is a section taken on line 6—6, Fig. 5;

Fig. 7 is a section taken on line 7—7, Fig. 5;

Fig. 8 is a side elevation of the device showing the flashlight in place thereon and the mirror adjusted to reflect the light through an angle of substantially ninety degrees; and

Fig. 9 is a view similar to that shown in Fig. 8 but shows the flashlight supported in horizontal position.

In the drawing reference numerals 10 and 11 designate two pieces of leather of the same size and shape, which are secured along their edges by means of a seam. Located between the two pieces of leather is a resilient steel spring or strip 12 that imparts rigidity and resiliency to the holder. The upper end of the strip 12 is provided with an opening 13 and the two pieces of leather have corresponding openings that register with the opening in the strip. A suction cup 14 can be attached to the holder by having the threaded stem 15 pass through the opening 13, and this suction cup is held in place by means of a nut 16. Near the other end of the strip 12, it is provided with an opening 17 that registers with two similar openings in the leather pieces and at this point a grommet 18 extends through the two leather pieces and through the opening in the spring. Above the grommet 18 a snap fastener 19 is located and the stem 20 of this fastener extends through an opening in the leather 10 and through an opening in the spring 12. The spring is provided directly below the opening 13 with notches 21 and a metal loop 22 extends through the leather piece 10 with its parallel portions located in the notches 21. The ends of the loop 22 are bent inwardly towards each other as designated by 23 in Fig. 4. Leather loops 25 and 26 are secured to the leather piece 10 and serve to hold pens or pencils. The lower end of strip 12 is formed into hinge pin supporting members 27 that cooperate with similar portions 28 of the metal mirror 29. The mirror 29 is preferably made of metal which is highly polished on the front surface, but may, of course, be made of glass suitably suported, if desired. The hinge pin about

which the mirror turns has been designated by reference numeral 30 in Fig. 1 and it will be seen that the mirror has an angular offset 31 so that it can be folded upwardly into the dotted line position indicated in Fig. 1 or to any intermediate position.

For the purpose of supporting or holding a flashlight, a metal strip 31 is provided. The upper end of this strip is bent into a hook as indicated by reference numeral 32. The hook 32 is adapted to receive the loop 22 and the other end of this spring is provided with a snap fastener element 33 that cooperates with the snap fastener element 19. A leather strip 34 can be secured to the spring 31 by means of the snap fastener 33 and the end of this strip can be provided with a grommet 35. Attached to the metal strip 31 is a curved metal spring clip 36 that is held in place by means of one or more rivets 37; where a single rivet is employed the spring holder can be turned about this as a pivot. Where rollers 38 are provided in the ends of the spring 36 the size of the spring clip is such that it will receive a flashlight 39 and hold the same in the manner indicated in Figs. 8 and 9. For the purpose of supporting the holder from a belt, a spring clip 40 is provided. When the flashlight is in place as shown in Fig. 8 and the mirror 29 is adjusted so as to receive the light projected from the flashlight, the reflected light beam can be adjusted either to the position shown in Fig. 8, or so as to slant upwardly, or downwardly, and it is therefore possible for the wearer to so adjust the mirror that light will be directed onto the work, or if he is walking, onto the floor or the path that he is walking on. If a person is engaged in an occupation that requires him to write, he can adjust the mirror and the light in such a way as to throw the light onto his paper and will then be able to take notes in an otherwise dark place and this is of great convenience for clerks in stores or workers in storerooms where the light is normally dim.

In some instances the best results are obtained by turning the spring clip 36 through an angle of 90 degrees and inserting the end of the flash light into the clip, as shown in Fig. 9.

Workmen that require special tools such, for example, as automobile mechanics, may find it desirable to employ the modified form of the invention shown in Figs. 5, 6 and 7. In this form the two leather pieces 10 and 11 have been replaced by leather pieces 10*a* and 11*a*, which are considerably wider than those shown in Fig. 2. These pieces are held together by means of a seam and the metal strip 12 is secured to the inside of the strip 10*a*. The space between the two leather strips forms a pocket 41 that is large enough to receive a pair of pliers, a screwdriver, a chisel or any such similar tool. The spring 12*a* is similar to that shown in Figs. 1 and 2 and may be exactly the same, but in the form illustrated in Figs. 5, 6 and 7, the mirror 29 has been omitted and therefore the spring strip has not been shown as extending through the bottom of the holder. Instead of the pocket 26, a larger pocket 26*a* is provided for the reception of a larger tool, while the pocket 25 may be of the proper size to receive a lead pencil. The spring clip 36 is the same in both of the modifications and this is secured to a metal strip 31 like that already described. The leather strip 34 is provided with a slot 42 through which a chain or other attaching member 43 extends, so that if the workman releases the flashlight and the flashlight supporting member, it will not fall or accidentally become detached. The modification shown in lines 5, 6 and 7 is especially well adapted for electric linemen or other workers who are required to perform their work in elevated positions. Instead of the spring 40 for attaching the member to a workman's belt, a flap 44 has been provided which is held in operative position by means of snap fasteners 45 and this flap can therefore be turned over a belt and when the snap fasteners are closed, the holder will be securely attached to the workman's belt.

From the above description it will be apparent that the device described herein and illustrated on the drawing is of a simple and substantial construction and very well adapted for supporting tools or implements and for supporting a flashlight in such a position that it will illuminate the work or the path along which the workman is traveling.

Special attention is called to the mirror 29 and to the function it performs in properly directing the beam of light from the flashlight.

In the above description, no attempt has been made to enumerate all uses to which this invention can be put, but only a sufficient number of uses has been enumerated to explain the operation of the invention.

Attention is called to the fact that the spring clip 36 is secured to the member 31 by means of a single rivet 37 and it can therefore be rotated slightly about this rivet so as to incline the lamp with respect to the vertical axis of the holder. This rotating action can be taken advantage of for the purpose of moving the mirror 29 from operative to inoperative position and for other purposes.

Having described the invention what is claimed as new is:

1. A combination flashlight and tool holder comprising two leather members of suitable size and shape and united along their edges by a seam, a flexible and resilient metal strip located between the members, one end of the metal strip having an opening for the reception of a screw, the leather members having openings in registry with the opening in the metal strip, a screw extending through the openings, a supporting means attached to the holder by said screw, the metal strip having another opening adjacent the other end, a snap fastener element extending through one leather member and through the last named opening in the metal strip, a flashlight supporting element, means comprising the snap fastener element and a metal loop located beneath the screw for securing the supporting element to the holder and a flashlight engaging means carried by the supporting element.

2. A combination flashlight and tool holder comprising two leather members of suitable size and shape and united along their edges by a seam, a flexible and resilient metal strip located between the members, one end of the metal strip having an opening for the reception of a screw, the leather members having openings in registry with the opening in the metal strip, a screw extending through the openings, a supporting means attached to the holder by said screw the metal strip having another opening adjacent the other end, a snap fastener element extending through one leather member and through the last named opening in the metal strip, a metal loop secured to the holder beneath the screw, a flashlight support having a hook at one end for engaging the loop, a snap

fastener element adjacent the other end for engaging with the snap fastener element attached to the holder, and means on the support for removably securing a flashlight thereto.

3. A flashlight holder comprising, in combination, two leather members of suitable shape and size, said members being attached along their edges, a resilient metal strip located between the leather members, means for securing the strip to one of the members, a metal loop carried by the member to which the strip is attached and to the metal strip, a snap fastener element secured to the strip at a point spaced from the loop, one end of the strip projecting beyond the leather member, a mirror hinged to the projecting end of the strip, said mirror being rotatable about the hinge pin, and means cooperating with the loop and with the snap fastener for supporting a flashlight in such a position that the light therefrom will be directed onto the mirror when the latter is adjusted so as to extend at an angle to the metal strip.

4. A device in accordance with claim 3 in which the support is provided with a spring clip for holding the flashlight.

5. A device in accordance with claim 3 in which the support is provided with a spring clip rotatable about a pivot, for holding the flash light.

6. A device of the character specified, in combination, a holder, a loop secured to the holder, a snap fastener also secured to the holder and spaced from the loop, a flashlight supporting element provided at one end with a hook for engaging the loop and at the other end with a snap fastener element for engaging the snap fastener, and means for attaching a flashlight to the supporting element.

7. A device of the character specified, in combination, a holder of flexible material, a metal strip secured thereto to impart rigidity in one direction, a metal loop secured to the strip, a snap fastener also secured to the strip and spaced from the loop, a flashlight supporting element having a hook at one end for making connection with the loop, a snap fastener element for making connection with the snap fastener, and a spring clip carried by the supporting element for holding a flashlight.

8. A device of the character specified, in combination, a holder of flexible material, a metal strip secured thereto to impart rigidity in one direction, a flashlight supporting element, means for removably connecting the supporting element to the metal strip at two spaced points, and means for removably and rotatably securing a flashlight to the supporting element.

9. A device of the character specified, in combination, a holder comprising two pieces of leather connected at their edges, a metal strip located between the two pieces and secured to one of them to impart rigidity thereto, two spaced attaching elements secured to the strip, a flashlight supporting element having two spaced attaching elements for cooperating with those on the strip, a C-shaped clip for holding a flashlight, and means for rotatably securing the clip to the flashlight supporting element.

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