D. CIZ.

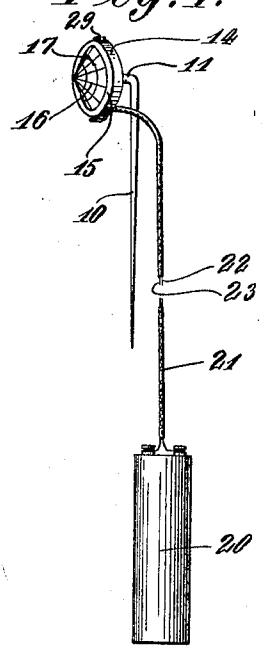
FLASH LIGHT PIN.

APPLICATION FILED FEB. 27, 1919.

1,316,687.

Patented Sept. 23, 1919.

Fig. 1.



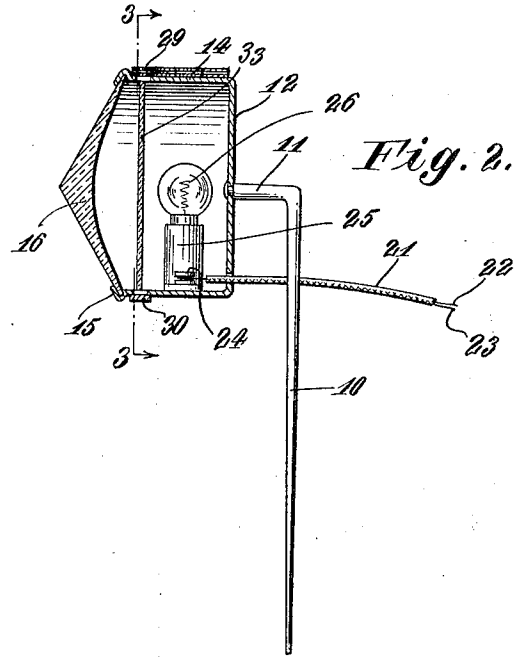


Fig. 2.

Fig. 3.

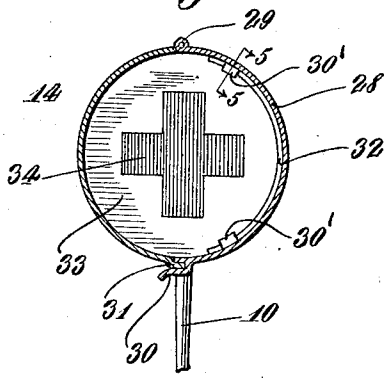


Fig. 4.

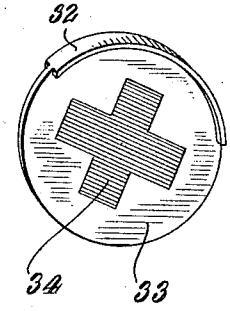
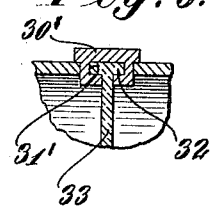


Fig. 5.



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UNITED STATES PATENT OFFICE.

DMITRO CIZ, OF DAYSLAND, ALBERTA, CANADA.

FLASH-LIGHT PIN.

1,316,687. Specification of Letters Patent. Patented Sept. 23, 1919.

Application filed February 27, 1919. Serial No. 279,515.

To all whom it may concern:

Be it known that I, DMITRO CIZ, a citizen of Austria, residing at Daysland, Province of Alberta, and Dominion of Canada, have invented certain new and useful Improvements in Flash-Light Pins, of which the following is a specification.

This invention relates to scarf pins and other like ornaments, having as its principal object the provision of means whereby a light may be caused to glow within the transparent covering of the pin or other ornament.

A further object is to provide means whereby plates of different color may be removably engaged with the body of the pin.

And finally to provide means whereby emblems and like may be displayed through the transparent cover through which the light shines.

These and other like objects are attained by the novel construction and combination of parts hereinafter described and shown in the accompanying drawings, forming a material part of this disclosure, and in which—

Figure 1 is a perspective view showing a conventional type of scarf pin as engaged with a battery for producing a light therein.

Fig. 2 is an enlarged vertical sectional view, taken through a scarf pin made in accordance with the invention.

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

Fig. 4 is a perspective view showing one of the interchangeable transparent plates as employed, and

Fig. 5 is a fragmentary transverse sectional view, taken on line 5—5 of Fig. 3.

In the drawings, an ordinary conventional type of stick pin shaft is indicated by the numeral 10, the same having a bent upper portion 11, connected with the base 12, of a cylindrical casing element 14, with which is engaged at its outer edges, by an inturned band 15, a transparent covering 16, as glass or the like, which may be cut into facets 17, if preferred, causing the rays of light to radiate.

A battery 20, of the ordinary dry type variety adapted to be carried in a pocket, is connected with a flexible cord 21, containing the circuit wires 22 and 23, leading to a binding post 24, fixed upon the lamp socket 25, in which a miniature electric glow lamp 26 is engaged.

The lamp and socket are contained within the cylindrical casing 14, as best shown in Fig. 2, the socket or holder 14, being preferably made in two parts to one of which parts the back part 12 is secured, and one of said socket parts, 28, is engaged with hinges 29 upon the top of the casing, each of the casing elements being semi-cylindrical and connected at a point opposite the hinge, by a spring clip 30, engaging with raised edge 31 of the fixed portion 14, of the casing.

Secured internally of the hinged semi-cylindrical casing are a pair of spaced blocks 30′, containing undercut recesses 31′, receptive of the partial band 32, formed with a circular transparent disk 33, a portion of which may be opaque, indicated in the emblem 34, while the body of the transparent disk 33, may be colored as desired.

In operation, when it is desired to change one of the transparent plates, the clip 30 is sprung outwardly, causing the casing element 28, to turn upon the hinge 29, permitting ready release from the holding recesses 31, so that the plate may be readily removed and another substituted in its place, whereupon the holder or casing elements are closed together and proper electrical connections made so that the current from the battery 20, will cause the light 26 to glow and the emblem shown in colors on the plate 33 seen from the exterior of the outer transparent cover 16.

Having thus described my invention what I claim as new and desire to secure by Letters Patent, is—

1. In a device of the class described, the combination with cylindrical casing comprised of two hinged elements, a flash light in said casing and means for causing said flash light to glow, of a pair of recessed blocks secured to the hinged element of said casing, a transparent plate having a partial band engageable within the recesses of said block, and a transparent face secured in said casing.

2. In a device of the class described, the combination with a cylindrical cup-like casing formed in two sections, a hinge connect-

ing said sections along a longitudinal line, means for engaging said sections together opposite to said hinge, an electric lamp carried in said casing, means for causing said lamp to glow, means for supporting said casing, a transparent cover secured in said casing, a colored disk having a partial raised band, the disk being engageable within said casing, and means within the hinged portion of said casing for engaging with said band whereby said disk is held in position.

In testimony whereof, I have signed my name to this specification in the presence of a subscribing witness, this 13th day of January 1919.

DMITRO CIZ.

Witness:
RODERICK I. MURPHY.

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