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G. M. CORAM

LUMINOUS BODY

Filed July 16, 1926

Fig. 1.

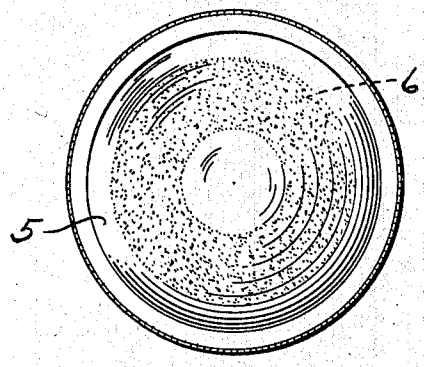
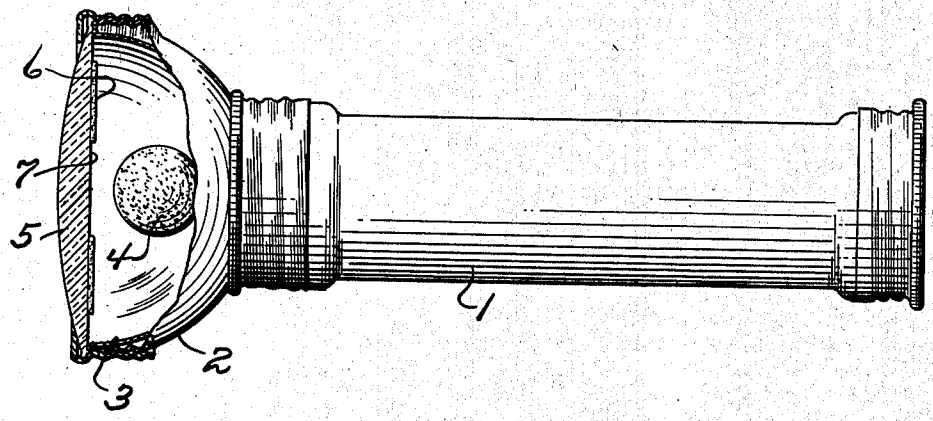


Fig. 2.



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UNITED STATES PATENT OFFICE.

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LUMINOUS BODY.

Application filed July 16, 1926. Serial No. 122,936.

The object of this invention is the provision of an article of manufacture designed to produce a body which is self-illuminating so that the same will be clearly discernible in darkness, and which is of a nature and construction to reflect a certain amount of light rays, equally efficient to those produced by that type of lamps commonly termed "glow lights."

To the attainment of the above, the improvement resides in the construction, combination and operative association of parts, a satisfactory embodiment of which is exemplified by the accompanying drawings.

In the drawings:

Figure 1 is a front elevation of the improvement.

Figure 2 is a side elevation thereof with parts in section.

In the showing of the drawings my improvement is employed in connection with the ordinary type of electric flash lights. Thus the improvement embodies a hollow handle portion 1 which, ordinarily serves as a pocket for a storage battery. In this instance, of course, the battery is not employed. There is screwed on one end of the body 1 a semi-spherical head 2, and in this head there is a parabolic reflector 3. Between the head and body 3 there is a bulb 4. In this instance the bulb is frosted or coated with a radium paste or similar luminous substance. The head 3 has screwed thereon the usual cap that secures the lens 5 thereto. The inner face of the lens 5, from a point adjacent the center and the periphery thereof, has a circular coating of radium paste or similar luminous substance, indicated by the numeral 6. It is to be noted that the inner edge of the luminous surface 6 is arranged centrally with respect to the coated bulb 4. The radium paste or similar luminous substance will cast slight rays of light against the reflector 3, the substance 6 having a similar effect, and these reflected rays will be directed through the central portion 7 of the lens 5. The result is that I have produced a simple lighting element which can be observed for a considerable distance therefrom in darkness or at night time, and the rays of light reflected from my improvement are at least equal to those reflected from that class of small lamps known as "glow lights."

Having described the invention, I claim:—

A device for the purpose set forth, comprising a body having a reflector on the outer end thereof, a globular member centrally seated in the reflector and treated with a luminous substance, a lens on the outer face of the reflector and said lens having its inner face provided with a circular strip of luminous substance and the center of the lens which is not treated with said substance being disposed opposite the globular body.

In testimony whereof I affix my signature.

GEORGE M. CORAM.