United States Patent [19]

Balitzky et al.

[11] **3,748,457**

[45] **July 24, 1973**

[54] **FLOATING LIGHT FOR SWIMMING POOLS**

[76] Inventors: **Gloria J. Balitzky,** 40567 Irval Dr., Sterling Heights, Mich. 48078; **Harold Sellers,** 3103 N. Main Street, Royal Oak, Mich. 48073

[22] Filed: **Sept. 13, 1971**

[21] Appl. No.: **179,936**

[52] **U.S. Cl.** ..... **240/6.4 F,** 9/8.3 E, 240/26

[51] **Int. Cl.** **F21u 21/00**

[58] **Field of Search** ..... 240/6.4, 6.4 F, 26; 9/8.3 E

[56] **References Cited**

UNITED STATES PATENTS

3,626,173 12/1971 Harvey ..... 240/6.4 F X

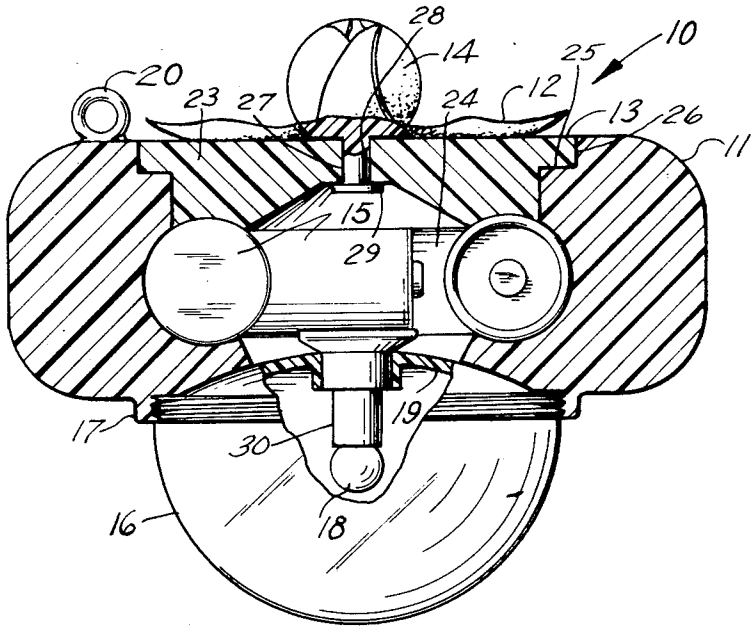
2,324,983 7/1943 Gollings ..... 240/6.4 R

Primary Examiner—Samuel S. Matthews
Assistant Examiner—Michael Harris
Attorney—Gloria J. Balitzky

[57] **ABSTRACT**

A battery operated safety light for a swimming pool. This device is a circular and floatable disc-like structure having on its interior a plurality of batteries which are enclosed in a water-tight compartment thereof. A bulb extends from a reflector at the lower portion of the device within a water-proof globe so as to illuminate the water within the pool at night.

2 Claims, 3 Drawing Figures



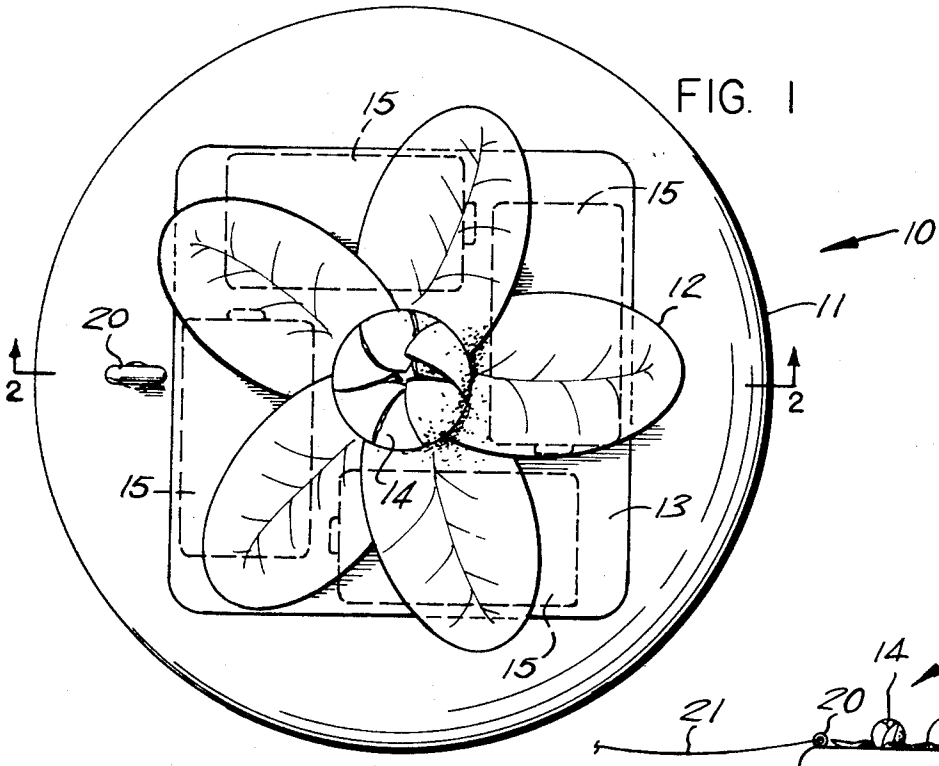


FIG. 1

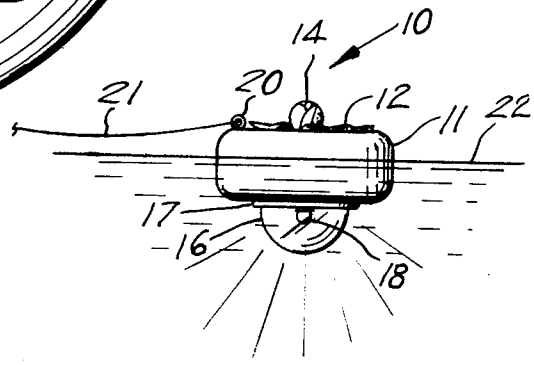


FIG. 3

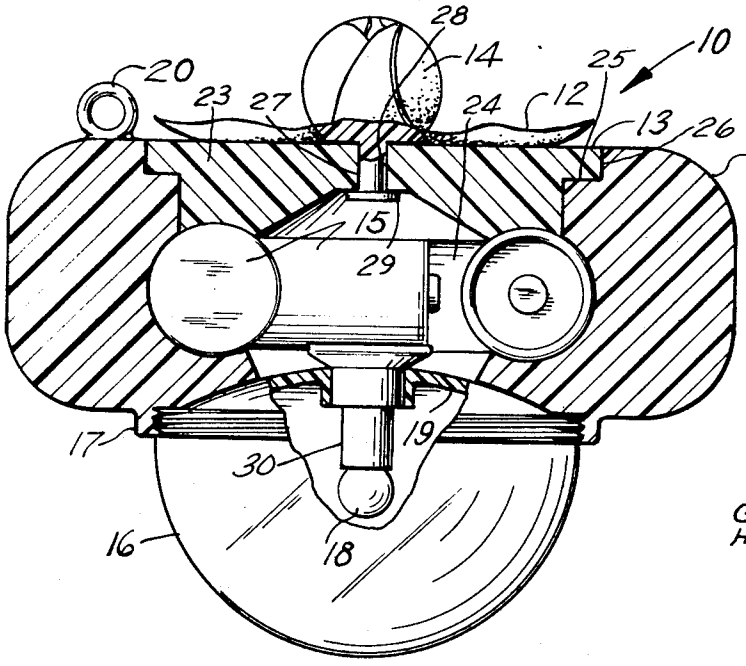


FIG. 2

INVENTORS
GLORIA J. BALITZKY
HAROLD SELLERS

FLOATING LIGHT FOR SWIMMING POOLS

This invention relates to battery operated lights, and more particularly to a floating light for swimming pools.

It is therefore the primary purpose of this invention to provide a floating light which will be used at night to illuminate a swimming pool, particularly for keeping track of children within the pool at night.

Another object of this invention is to provide a floating light which will be made of plastic and will have a waterproof cover over the batteries on the interior of the device and a ring portion extending from the body structure of the device will permit mooring the device, or a weight may be attached to the line secured to the ring stationary in one particular location within the pool.

A further object of this invention is to provide a device of the type described which will be decorative in appearance having an ornamental flower on on its top surface and the bottom portion will have reflector means for reflecting the light produced by the bulb therein the globe portion of the device.

Other objects of the present invention are to provide a floating light for swimming pools which is simple in design, inexpensive to manufacture, rugged in construction, easy to use and efficient in operation.

These and other objects will be readily evident upon a study of the following specification and the accompanying drawing wherein:

FIG. 1 is a top plan view of the present invention;

FIG. 2 is a cross-sectional view taken along the line 2—2 of FIG. 1; and

FIG. 3 is a side view of the device shown in use.

According to this invention, a floating light **10** is shown to include a circular and buoyant plastic body **11.** A flower **12** of plastic material is fixedly secured to a cover **13** which is removably mounted on top of the body **11.** The flower **12** has a central raised portion **14** which serves as a knob means for removing the cover **13** from the body **11** when access must be made to the plurality of batteries **15** on the interior of the body **11.** It is to be noted, as shown in the drawing, that the body **11** has a central opening **23** on its top to provide access to a central recess **24** in which the batteries are contained. The central opening has a shoulder **25** along an intermediate portion thereof, so a radially outward extending flange **26** formed around the cover can be seated there against when the cover is snap fitted into the opening. The flower portion that serves as a knob is integral with a vertical shaft **27** that extends downward through a central opening **28** through the cover, and the downward protruding end of the shaft is formed with an enlarged head **29** so as to secure the shaft to the cover.

A globe **16** is threadibly carried within the neck portion **17** on the underside of body **11,** the globe **16** serving to cover the bulb **18** which is carried within the center of a reflector **19** fixedly secured within the underside of the body **11** and positioned around a downward extending lamp bulb socket **30.**

An eye **20** extends from the upper surface of body **11** and provides a means of securing a line **21** which may be used to moor device **10** within the water **22.**

It shall be noted that a weight may be attached to the line **21** so that it may extend downward within the water **22** to thus render device **10** stationary within the water **22.**

What I claim is:

1. A floating light for a swimming pool, comprising, a buoyant plastic and circularly configurated body member having a recess and a central opening in the upper surface providing access to the recess, a plurality of batteries and a downwardly extending socket carried within the recess providing, respectively, current and support for a bulb member, a removable and water tight cover carried by said body and comprising a flange ceiling said central opening with flower means serving as knob means for said cover and decoration means for the upper portion of said body, a clear plastic dome globe member carried by said body providing protection means for a bulb in said socket, and also serving as waterproof means for the bulb in the socket, a downardly directed reflector carried by said body providing a means for reflecting light from the bulb in said socket into a pool when the body is floating thereon, wherein said cover of said body member is snappibly engaged in an opening in one side of said body member and said opening including shoulder means for receiving a flange of said cover, said flower portion ornamenting said cover being secured thereto by shaft means within a central opening of said cover.

2. The combination according to claim **1** wherein an eye member is mounted on the body, one end of a line being secured to the eye, the line being used to anchor the body in an area of the pool.

* * * * *