July 17, 1928. 1,677,450

M. W. IDEN

FLOAT

Filed May 28, 1926

Fig. 1.

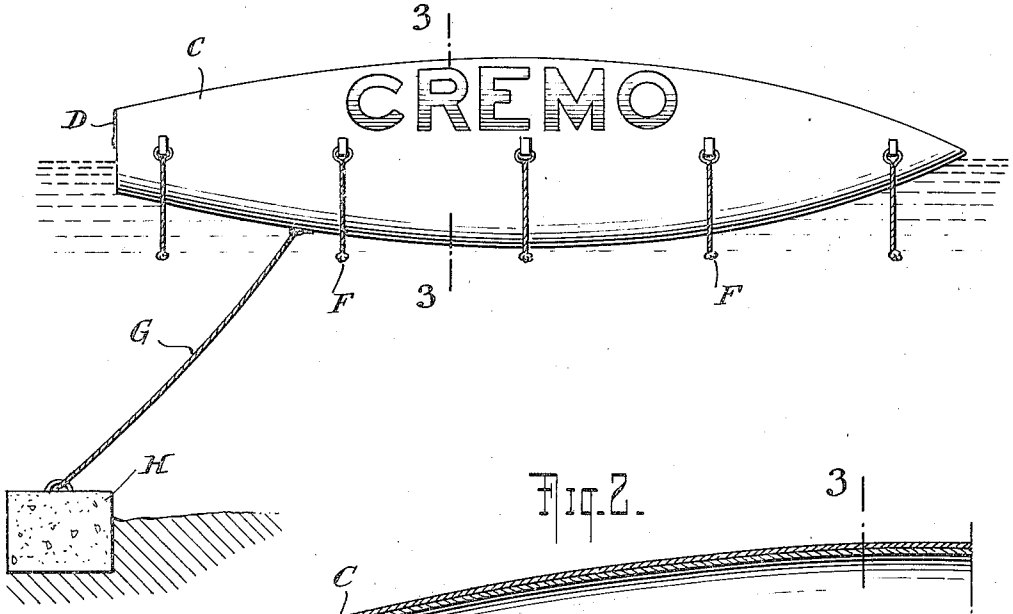


Fig. 2.

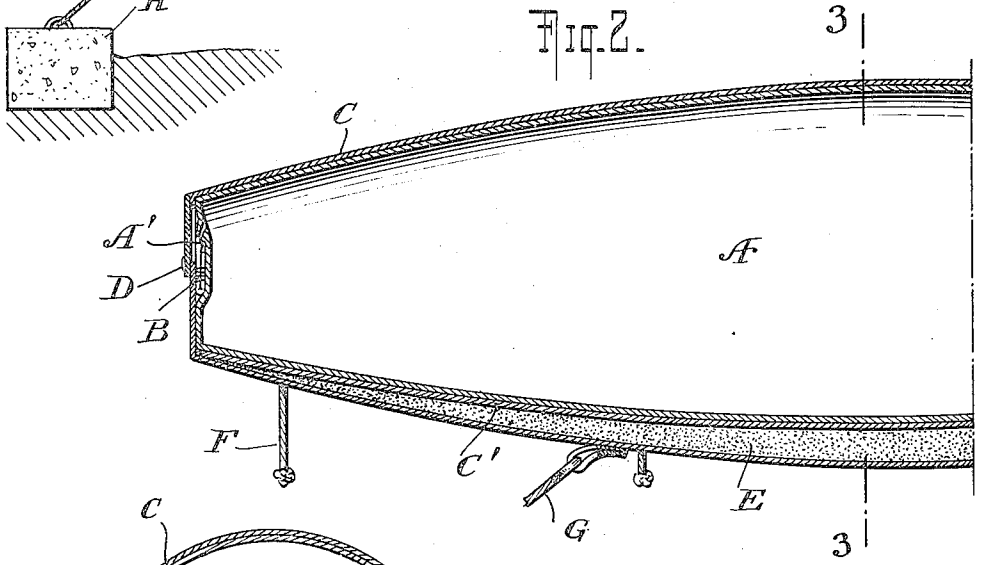
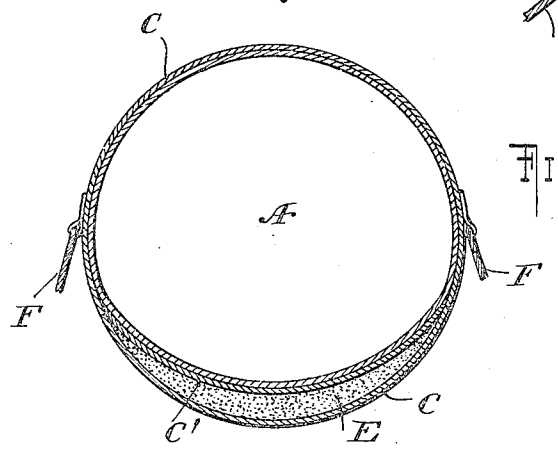


Fig. 3.



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UNITED STATES PATENT OFFICE.

MAX WILHELM IDEN, OF ALTONA, GERMANY.

FLOAT.

Application filed May 28, 1926, Serial No. 112,239, and in Germany August, 1925.

My invention relates to floats such as are used for amusement purposes at bathing resorts. The object is to provide a float of substantial construction and great durability which will afford considerable amusement to the bathers and spectators, while giving the persons using it ample opportunity for a safe hold so that the device will also be available as a life preserver. It is my intention to construct this float in large sizes, and preferably in imitation of some article of manufacture which would thus be advertised by the float, particularly as the latter presents a large surface on which the name or trade mark associated with such article could be displayed on a large scale, so as to be plainly visible from a considerable distance. For instance, I might give the float the shape of a cigar, and apply thereon in large letters, the name or trade mark under which such cigar is sold.

A typical and satisfactory embodiment of my present invention is illustrated by the accompanying drawings, in which Fig. 1 is a side elevation of a float constructed according to my invention, and simulating a cigar; Fig. 2 is a longitudinal vertical section; and Fig. 3 is a cross section on line 3—3 of Figs. 1 and 2.

The float comprises a preferably inflatable buoyant body or air chamber A which I have shown as provided with the well-known neck or tube A′ through which air is forced into said chamber or bag A from a pump or other source of compressed air, the escape of such air being then prevented in any suitable manner, as by tying the neck or tube A′ with a string or the like, as indicated at B. This air chamber or bag A, which is elongated to correspond with the general shape of the article to be simulated, is located within an envelop or hull C made of waterproof canvas or other suitable fabric. In one of the ends or heads of this envelop I provide an opening through which the bag A may be inserted and withdrawn when desired, and through which the neck or tube A′ may be projected for connection with a pump. This opening may normally be closed by a flap D.

The envelop C is provided at its lower portion with a second preferably waterproof wall C′ so as to form a pocket to receive a filling E of sand or other ballast, for the purpose of causing the float to take a definite position so that a certain portion of the envelop C will always be at the top.

On opposite sides of the envelop I secure thereto straps or ropes F depending loosely on the outside of the float and adapted to be grasped by persons using the float. The upper ends of these handholds F are preferably fastened to the envelop C at its upper portion, or at its median portion, that is to say, halfway between the top and the bottom.

I also prefer to provide means for anchoring the float, as by securing to its lower portion a chain or cable G the other end of which is secured to a weight H which would rest at the bottom as indicated.

The float shown is made in the shape of a cigar, and on the sides of the cover or envelop C the name or mark under which the cigar to be advertised is sold, would be painted or otherwise produced on such a scale as to be visible at a considerable distance.

The device therefore provides amusement and safety together with an opportunity for display advertisement of various articles, as it will be obvious that the float may be constructed to simulate articles other than cigars, for instance toothpaste tubes, bottles, sausages, etc.

Various modifications may be made without departing from the nature of my invention as set forth in the appended claims.

I claim:

1. A float comprising an envelop provided with a double wall at its lower portion, to form a pocket, a filling of ballast in said pocket, and an inflatable bag within said envelop.

2. A float comprising a waterproof envelop provided with ballast at its lower portion, and with an opening at one end, an inflatable bag located in said envelop and having an inflating tube adapted to be projected through said opening, and a closure for said opening.

3. A float comprising a waterproof envelop shaped to simulate a predetermined article of manufacture, said envelop being interiorly ballasted at its lower portion in a manner to preserve its shape and provided with depending exterior flexible handholds on opposite sides, and an inflatable bag in said envelop.

4. A float comprising a waterproof envelop shaped to simulate a predetermined article of manufacture, ballast located interiorly of said envelop, an inflatable bag within said envelop, an anchoring connection extending from the lower portion of said envelop, and

a weight secured to the lower end of said connection.

5. A float comprising an elongated waterproof envelop ballasted at its lower portion and provided with an opening at one end, a closure for said opening, an inflatable bag located within said envelop and provided with an inflating tube adapted to be projected through said opening, flexible exterior handholds depending from the said envelop on opposite sides thereof, an anchoring connection extending from the lower portion of said envelop, and a weight secured to the lower end of said connection.

In testimony whereof I have hereunto set my hand.

MAX WILHELM IDEN.