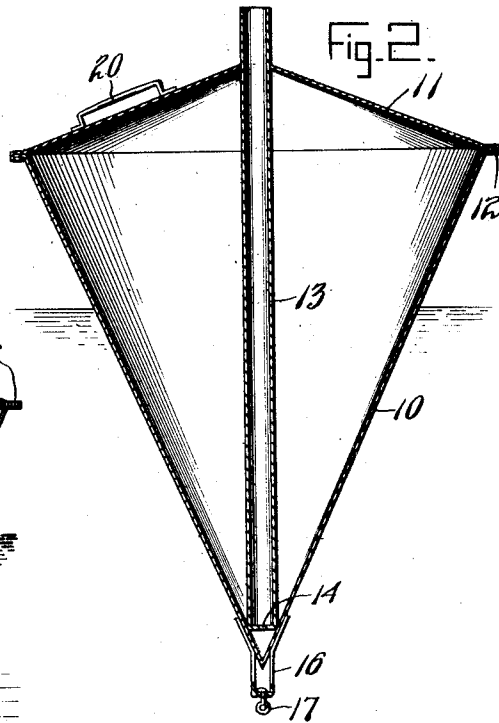
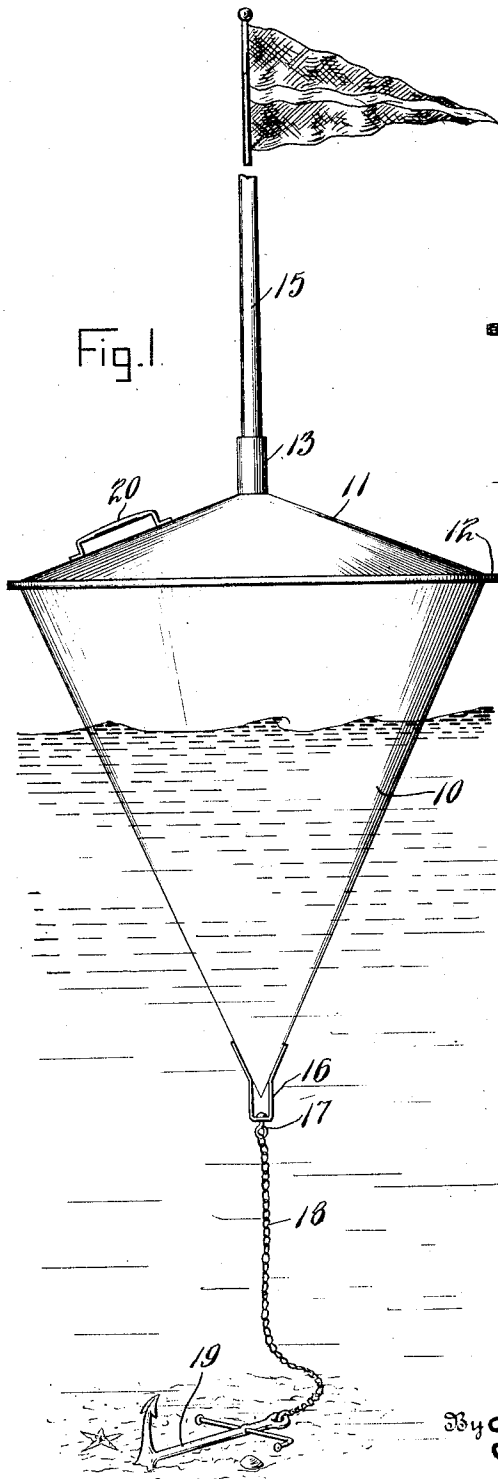


O. T. MELVIN.
BUOY.
APPLICATION FILED JUNE 7, 1920.

1,374,943.

Patented Apr. 19, 1921.



Inventor
Odum T. Melvin.

By *Lea Radford Morrill* *Birman*
Attorneys.

UNITED STATES PATENT OFFICE.

ODUM T. MELVIN, OF ST. ANDREWS, FLORIDA.

BUOY.

1,374,943.

Specification of Letters Patent.

Patented Apr. 19, 1921.

Application filed June 7, 1920. Serial No. 387,136.

To all whom it may concern:

Be it known that I, ODUM THOMAS MELVIN, a citizen of the United States, residing at St. Andrews, in the county of Bay, and State of Florida, have invented certain new and useful Improvements in Buoys, of which the following is a specification.

This invention relates to buoys and has for an object to provide a buoy, of new and improved design embodying new and improved features of economy, reliability and efficiency.

A further object of the invention is to provide a buoy having new and improved means for supporting a flag staff, designed especially for use in marking fishing areas, although it is to be understood that the use of the buoy is in no way limited to such or allied pursuits.

With these and other objects in view the invention comprises certain novel features, proportions and arrangement of parts as will be hereinafter more fully described and claimed.

Referring to the accompanying drawing, which is made a part hereof and on which similar reference characters indicate similar parts,

Figure 1 is a view of the improved buoy in side elevation and in operative position, and

Fig. 2 a vertical, diametrical, sectional view of the improved buoy.

The buoyancy of the buoy, which forms the subject matter of this application, is obtained by a shell having an acutely tapered lower section 10 and an obliquely tapered upper section as 11, both conical or conoidal, joined at their bases by the seam 12.

Axially, through the two cones, a tube or pipe 13 is inserted stopping short of the apex of the lower cone, as indicated at 14

and with an open upper end to receive a flag staff 15.

At the lower end of the cone 10 a loop 16 is secured with a swivel eye 17 carried thereby, adapted to receive a line 18 from an anchor 19.

The double cone body is hermetically sealed, the tube 13 being inserted therein and open at the top, but providing no access to the interior of the body for air or water.

In operation, when the device is to be set, a flag staff will be inserted in the tube 13 and the buoy together with its anchor cast overboard. A handle 20 is secured to the section 11 for convenience of handling the buoy. The shape of the body and the action of the anchor thereon will hold the flag staff in an upright position whereby the flag will be visible to mark, for any purpose desired, as for instance a particular fishing area.

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

A buoy comprising, a body composed of cones of different taper having their bases secured together producing a single inner chamber, a cylindrical socket closed at one end inserted through the axis of one cone and extending along the axis of the other cone and having its closed end resting upon the inner wall of the other cone, the open end of the socket extending above the apex of the upper cone for receiving a flag staff, substantially as described.

In witness whereof, I have hereunto set my hand and seal at Washington, District of Columbia this twenty-eighth day of May, A. D. nineteen hundred and twenty.

ODUM T. MELVIN. [L. S.]

Witness:

E. W. BRADFORD.