

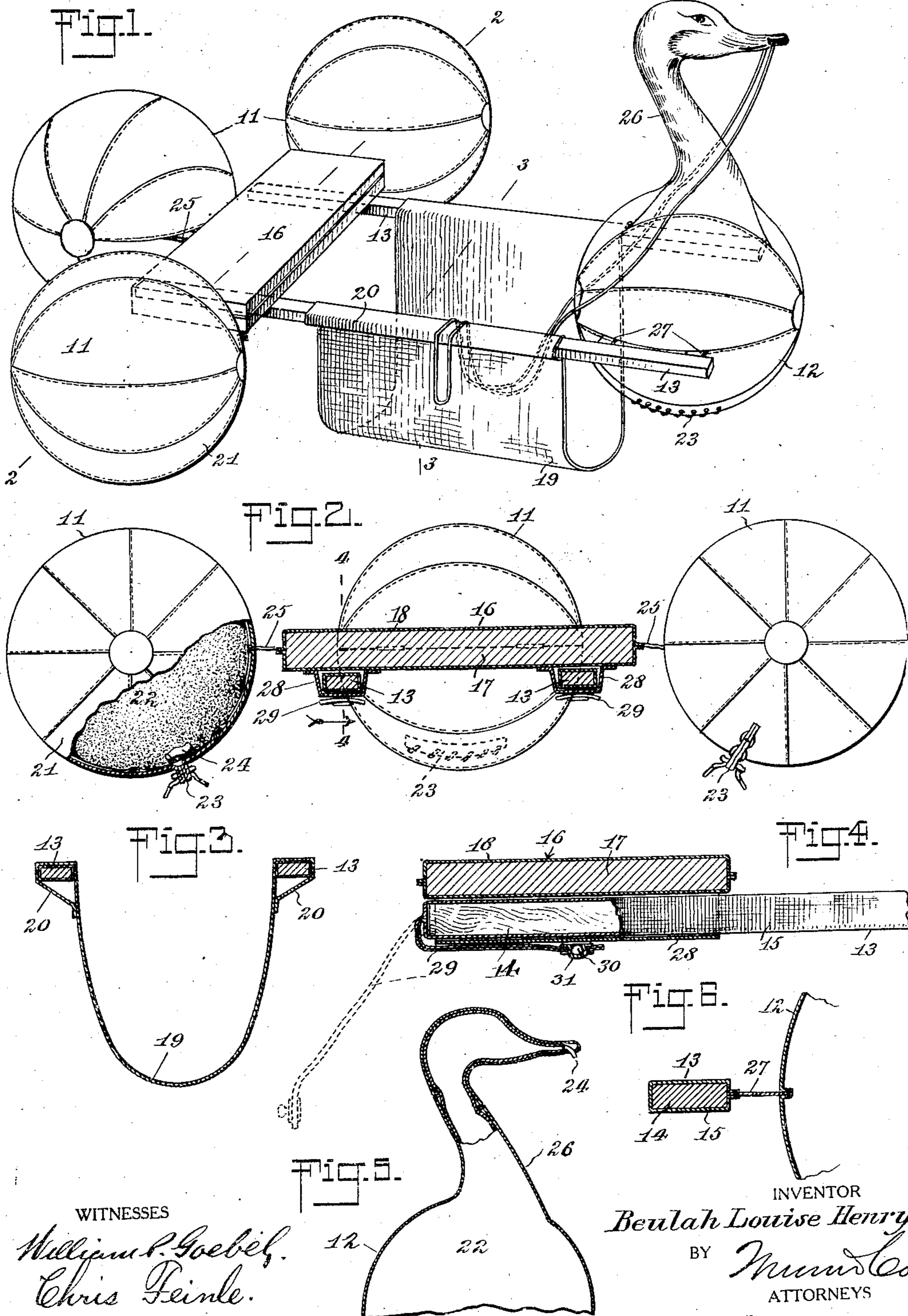
Aug. 16, 1927.

1,639,607

B. L. HENRY

WATER SPORT APPARATUS

Filed June 19, 1926



WITNESSES  
 William P. Goebel.  
 Chris Feinle.

INVENTOR  
 Beulah Louise Henry  
 BY *Mumford*  
 ATTORNEYS

# UNITED STATES PATENT OFFICE.

BEULAH LOUISE HENRY, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO EDWIN A. GUINZBURG, OF NEW YORK, N. Y.

## WATER-SPORT APPARATUS.

Application filed June 19, 1926. Serial No. 117,123.

This invention relates to sporting apparatus, and has particular reference to an apparatus for buoyantly sustaining a person afloat.

5 An object of the present invention is the provision of a water sport apparatus which is buoyant to sustain a person afloat, the apparatus having novel structural features permitting a person to assume a sitting posture, and while in the sitting posture to use the legs to propel the apparatus.

Another object of the invention is to provide an apparatus of the indicated character for youngsters unable to swim, to safely sustain a youngster afloat for enjoying the pleasurable benefits of being in the water.

The nature of the invention and its distinguishing features and advantages will appear when the following specification is read in connection with the accompanying drawing, in which—

Figure 1 is a perspective view of the apparatus of the present invention.

Fig. 2 is a sectional elevation, the section being taken substantially on the line 2—2 of Fig. 1.

Fig. 3 is a transverse sectional view taken on the line 3—3 of Fig. 1.

Fig. 4 is a sectional view taken on the line 4—4 of Fig. 2 and illustrating one of the details.

Fig. 5 is a fragmentary sectional elevation illustrating one of the inflatable and deflatable bodies.

Fig. 6 is a detail sectional view illustrating the manner in which the inflatable and deflatable bodies are connected to the buoyant frame.

Generally stated, the apparatus of the present invention, in the illustrated embodiment, consists of a buoyant frame or supporting structure 10, and rear inflatable and deflatable bodies 11 for aiding in sustaining the rear end of the structure 10 afloat, and a front inflatable and deflatable body 12 for aiding and sustaining the front end of the structure 10 afloat, the body 12 constructed in simulation of a part of some natural object such as a swan or other water fowl.

The frame or supporting structure 10 includes longitudinals 13 of composite construction, in that each longitudinal will consist of a rigid member 14 of buoyant material such as balsa, and a covering of ducking

or canvas 15. The structure 10 also includes a seat 16 connected to the longitudinals at the ends, which will be the rear ends. The seat 16 is of composite construction in that it consists of a member 17 of proper size of buoyant material such as balsa and a covering of ducking or canvas 18. Arranged between the longitudinals 13 is a piece of ducking or canvas 19, the opposite ends of which are connected respectively as at 20 to the longitudinals 13. The piece 19 is arranged in advance of the seat 16 and serves as a foot rest.

Each of the rear inflatable and deflatable bodies 11 is in the form of a ball and consists of an outer covering 21 of ducking or canvas made up of several segments, and a rubber bladder 22 which is insertable into the covering 21 through a placket 23. The bladder has connected thereto an inflating and deflating device 24 of any preferred construction for inflating and deflating the bladder 22. Each of the bodies 11 is connected preferably to the seat 16 and this is accomplished by providing short lengths 25 of ducking or canvas, whose opposite ends respectively are connected in the seams of the outer coverings of the body and seat respectively.

The front inflatable and deflatable body 12 is substantially similar in construction to the construction of the bodies 11 except that the body 12 is provided with a part 26 made from material cut and formed to simulate a part of a natural object such as a swan. The bladder used being so shaped as to fill in the part 26 when inflated. The body 12 is connected to the front ends of the longitudinals 13 by short lengths 27 of ducking or canvas in a manner similar to that in which the bodies 11 are connected.

In order to make the seat 16 detachable from the longitudinals 13 there is provided a means presently to be described. The under side of the seat 16 is provided with spaced guides or loops 28 for accommodating the rear ends respectively of the longitudinals 13. The rear end of each longitudinal 13 is provided with a strap or the like 29. Coacting fastening elements 30 and 31 are arranged respectively on the guides 28 and straps 29. When the rear end of each longitudinal is inserted in its related guide or loop 28, as shown in Fig. 4, the strap 29 may be brought to the outside guide

or loop 28 for the engagement of the associated coacting fastening elements 30 and 31. This construction allows parts of the apparatus to be separated to be readily transported. In this connection it is to be understood that the bodies 11 and 12 will be deflated.

It is to be understood that the invention is not restricted to the precise arrangement of parts shown and described, as details of construction may be modified and rearranged without departing from the spirit of the invention, the scope of which is limited only by the terms of the appended claims.

I claim:

1. A water sport apparatus comprising a buoyant supporting structure, and inflatable and deflatable buoying means which aids to sustain said supporting structure to which said means is connected, said supporting structure comprising longitudinals, a seat, a foot rest, loops on the seat, a strap on each of the longitudinals, the straps engageable

respectively with the loops, and means holding the straps detachably engaged with the loops. 25

2. In a water sport apparatus, a buoyant rigid frame including a covering of stout fabric; and inflatable and deflatable bodies each having a covering of stout fabric, each of said bodies connected with said frame by a length of stout fabric whose opposite ends are attached respectively to the covering of the frame and the covering of the body. 30 35

3. A water sport apparatus comprising rigid buoyant longitudinals, a rigid buoyant seat, means detachably connecting the seat with one end of each of the longitudinals. inflatable and deflatable bodies connected with the seat, and an inflatable and deflatable body simulating a natural object connected with the other end of each of the longitudinals. 40

BEULAH LOUISE HENRY.