

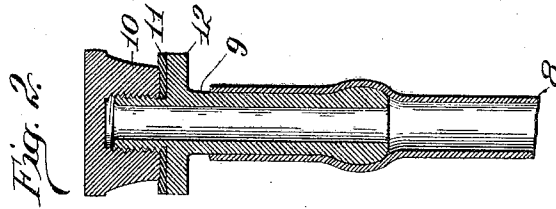
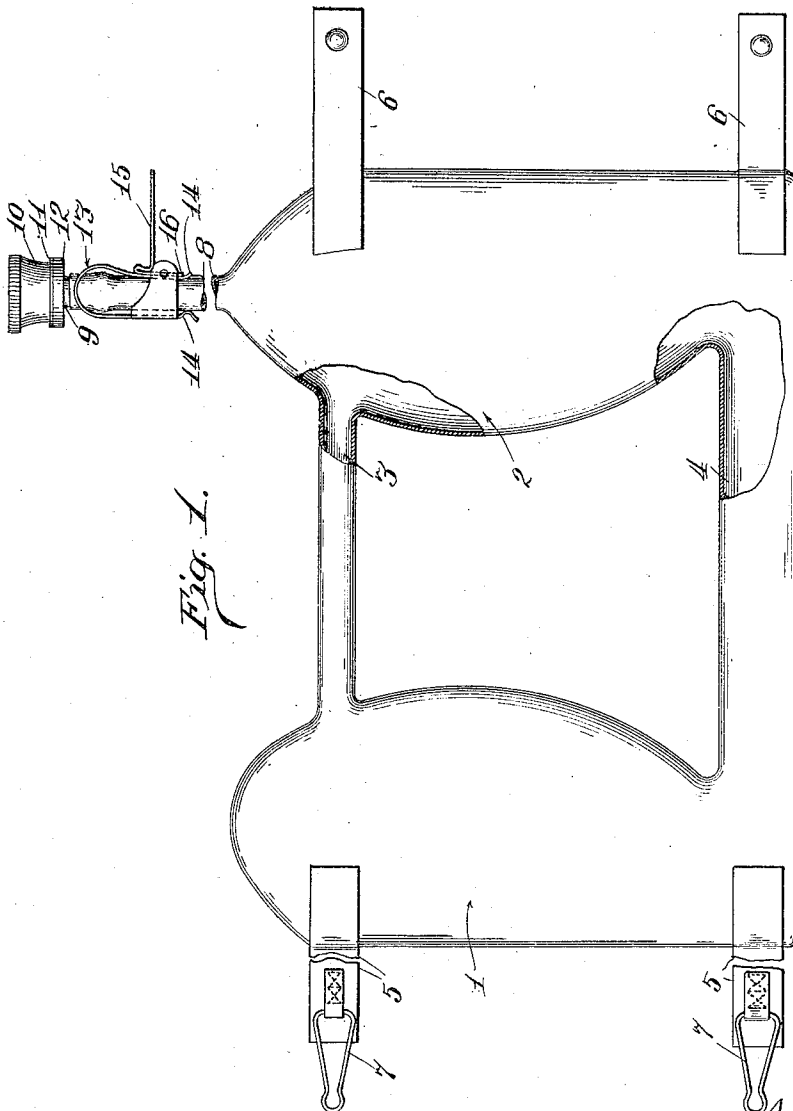
Aug. 5, 1924.

A. ANDERSON ET AL

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SWIMMING BAG

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UNITED STATES PATENT OFFICE.

ARVID ANDERSON, AXEL ANDERSON, AND OSCAR ANDERSON, OF CHICAGO, ILLINOIS.

SWIMMING BAG.

Application filed February 23, 1922. Serial No. 538,779.

To all whom it may concern:

Be it known that we, ARVID ANDERSON, AXEL ANDERSON, and OSCAR ANDERSON, citizens of the United States, except AXEL ANDERSON, who is a subject of the King of Sweden, residing at Chicago, county of Cook, and State of Illinois, have invented new and useful Improvements in Swimming Bags, of which the following is a specification.

This invention relates to improvements in swimming bags or wings.

It is an object of the invention to improve the construction of inflatable members, which are used for supporting the body in buoyant condition in the water, by establishing communication between separate members whereby the inflation of these members may be effected through a single valve.

Another object of the invention is to provide in combination with several inflatable bags, which can be secured to the body, a plurality of intercommunicating elements which may be utilized to reinforce the entire structure and which at the same time are utilizable as a belt for attaching the entire device to the body of the wearer.

It is furthermore an object of the invention to provide a device of this kind with a safety element to prevent the air introduced into the interior of the structure from escaping, before the entire structure is completely inflated, and before the nozzle is closed through which the inflation is effected.

With these and other objects in view, an embodiment of the invention is illustrated in the accompanying drawing, and is described in the following specification, the novel features being pointed out in the appended claims.

In the drawing:

Fig. 1 is a side elevation of the device, parts being shown broken away to illustrate the interior, and

Fig. 2 is a sectional view of the inflating device applied thereto.

The swimming bag comprises two inflatable members 1 and 2 of generally elongated appearance and of suitable shape to fit them properly to the body of the wearer. Their outer longitudinal edges, which in operative position of the bag may be in abutment with each other are therefore straight, while the inner edges are curved. These members 1 and 2 may be interconnected by one or more

tubular members 3 or 4, so that at all times the pressure in either of these members 1 and 2 is the same as in the other member. The communicating element 4 is shown near the lower end of the inflatable members, and forms with the lower part of these members the bottom of the bag. This element has a larger area than the other or upper intercommunicating element 3. This lower part therefore may also serve as a belt to reinforce the entire structure, and to facilitate its attachment. Flaps 5 and 6, provided with suitable fastening elements 7, may be secured to the outer edges of the two inflatable members 1 and 2, whereby the device may be held in operative position on the body of the wearer.

One of the inflatable members has a hose extension 8 in which a nozzle 9 of hard rubber or the like is firmly inserted. The entire structure, including the inflatable members and the communicating elements, may therefore be inflated through the nozzle when the closing member 10, shown as a screw plug, is removed. This screw plug engages in operative position, as shown in Fig. 2, a soft rubber washer 11 or the like which is placed on a flange 12 of the nozzle 9, to effectively prevent the escape of air.

In order to prevent the air from escaping before the user has completely inflated the structure and put the plug 10 in place, a safety device is attached to the hose 8, which latter extends from one of the inflatable parts. This safety device, as shown in Fig. 1, comprises a little bracket 13 which straddles the hose and which carries at its back a pair of yielding stirrup shaped levers 14, the free end of the levers being again bent down to be received within the bracket and being in engagement with the hose at a point substantially diametrical to the back of the bracket. The front part of the bracket 13 also supports pivotally a finger piece 15 which is provided with a cam portion 16. By swinging the finger piece from the position indicated in Fig. 1 upwardly the cam will force the front part of the stirrup shaped levers inwardly against the hose to press it together against the back of the bracket, and to prevent thereby the escape of air until the plug can be secured in place.

We claim:—

1. In a swimming bag, the combination of two relatively large longitudinal inflatable members, a transverse conduit connect-

ing said inflatable members at their lower ends, another conduit connecting said members near their upper ends, said second conduit being of smaller cross-section than said first named conduit, straps secured each at one of their ends to said inflatable members, said straps being arranged in pairs, the members of each pair being secured near the lower and upper end of said inflatable members, fastening means at the free ends of the straps, and a hose extension projecting from the upper end of one of said inflatable members.

2. A swimming bag, including in combination, two substantially longitudinal and relatively large inflatable members, a transverse conduit connecting the lower ends of said inflatable members, another conduit near the upper end of said inflatable members and connecting the same, fastening straps secured to said inflatable members, a hose extension on one of said members near the upper end, a nozzle in said hose extension, said nozzle terminating in a threaded portion, and a screw plug adapted to engage said portion and to close said nozzle.

3. A swimming bag, comprising two inflatable members of elongated appearance and of a suitable shape to fit them to the body of the wearer, the outer edges of said bags being straight and the inner edges of the bags being curved, a conduit interconnecting the lower ends of the bags, a smaller conduit near the upper end of the same, straps secured to the inflatable members near their outer edges, fastening elements attached to said straps, a hose extension attached to one of said inflatable members near the upper end thereof, a closure for said hose extension and a device on the outer surface of said hose extension for compressing the same to close it against the escape of air.

In testimony whereof we affix our signatures in the presence of two witnesses at 36 W. Randolph Street, Chicago, Illinois.

ARVID ANDERSON.
AXEL ANDERSON.
OSCAR ANDERSON.

Witnesses:

DANIEL A. BRENNAN,
IRENE MARTIN.