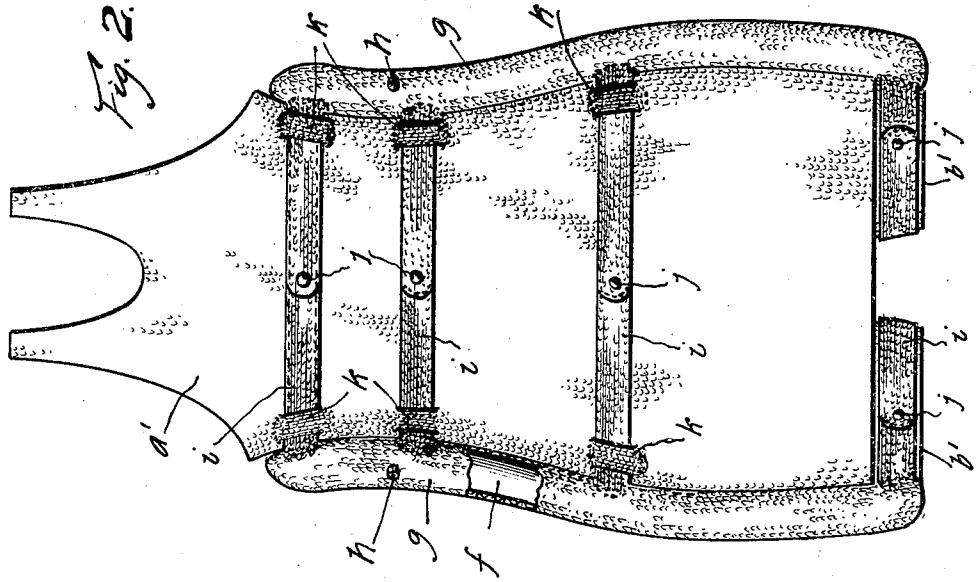
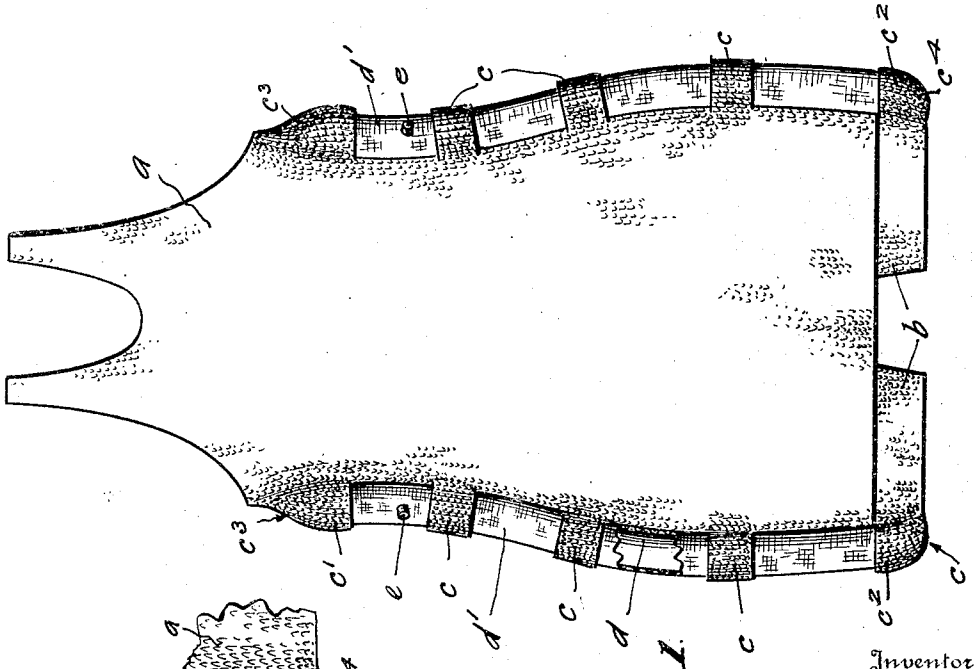
June 17, 1924. 1,498,092

M. GREEN

SWIMMING ATTACHMENT FOR BATHING SUITS

Filed March 3, 1924





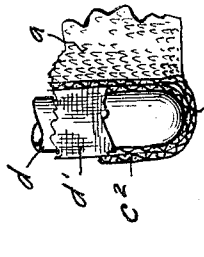


Fig. 3.

Fig. 1.

Inventor

Max Green

By

Attorney

Patented June 17, 1924. 1,498,092

UNITED STATES PATENT OFFICE.

MAX GREEN, OF SEATTLE, WASHINGTON.

SWIMMING ATTACHMENT FOR BATHING SUITS.

Application filed March 3, 1924. Serial No. 696,588.

To all whom it may concern:

Be it known that I, MAX GREEN, a citizen of the Republic of Poland, and a resident of Seattle, county of King, and State of Washington, have invented a new and useful Improvement in Swimming Attachments for Bathing Suits, of which the following is a specification.

The object of my invention is to provide a swimming attachment for bathing suits, and to adapt such attachment to hold the body in position for swimming instead of merely supporting the body. In this way, my invention is especially suited for helping those just beginning to learn how to swim, merely rendering their body buoyant, but not tending to support them in a position inconsistent with swimming or floating. The common swimming belt, on the other hand, is not suitable, because it tends to hold the person in an upright instead of an inclined or horizontal position.

I attain my object by means of inflated tubes and sewing these by suitable means to and lengthwise of the body of the swimming suit, and preferably also along the leg portions of the swimming suit, since I believe that by so doing the supporting of the body in swimming position is facilitated.

Furthermore, I preferably encase the tube in a fabric jacket, so as to insure uniform inflation.

The details of construction of my invention I have hereinafter fully described with reference to the accompanying drawings.

In these drawings:

Fig. 1 is a front elevation of a bathing suit to which my swimming attachment is secured by those means which are preferred by me;

Fig. 2 shows a front view of another bathing suit to which my inflated tubes are secured by other means; and

Fig. 3 is a fragmentary detail of construction.

Referring first to Fig. 1: *a* represents the body, and *b* the leg portion of the trunk of a bathing suit. The body and the trunk are provided along the sides with loops *c* integral with the fabric or fastened thereto as may be deemed convenient by the manufacturer. The uppermost loop *c'* and the lowermost loops c^2 are closed at the ends as at c^3 and c^4, thus converting said loops *c'* and c^2 into pockets, the mouths of which oppose each other. These loops, as mentioned and shown, appear on both sides of the bathing suit and the trunk. At each side of the bathing suit there is inserted in said loop, loops *c*, *c'* and c^2, an inflated tube *d* covered by a fabric casing *d'* provided with an inflating nipple *e* controlled by a suitable valve permitting the inflation of the tube, and automatically closing against reversed pressure. The details of this valve are not deemed necessary to describe since several valves of that character are on the market, for example, such as are used on "water wings" and toy balloons.

As mentioned, the pocket construction of the end loops *c'* and c^2, in which the ends of the inflated tube *d* are inserted, hold the latter against endwise movement.

By arranging the tube as shown along the sides of the bathing suit, the buoyant element thereby introduced is adapted to support the person in the water truly horizontal in position for swimming. If it is not thought necessary to carry the inflated tube down to the trunks, it may be carried only to the bottom of the skirt, but I deem it preferable to have the buoyant element extend down to and part way along the leg of the trunk, also.

The inflated tubes *d* are preferably encased in a fabric jacket so as to insure uniform inflation and to distribute the strains into the latter.

In Fig. 2 I have shown the inflated tubes as removable from the bathing suit, the latter consisting of the body portion *a'* and leg portions *b'* of the trunk as usual. *f* represents an inflated tube encased in a jacket *g* of fabric material. One of said tubes is located at each side of the bathing suit, each tube being provided with an inflating nipple *h*, controlled by a suitable valve of the character mentioned.

The jackets or cases *g* of the inflated tubes *f* are connected by a series of straps *i* extending crosswise at the back and front of the bathing suit. The strap at the back of the bathing suit may be in one piece and the straps at the front of the bathing suit may be made of two pieces connected by buttons *j*.

The inflated tubes *f* are preferably extended down to the leg portions of the trunk and fastened to the latter by means of a strap *i'* which at the front is fastened together by a button *j'*.

I preferably pass the straps *i* through

loops *k* located at each side of the body portion of the bathing suit so as to prevent the tubes from becoming displaced.

The details of removably fastening the inflated tubes *e* to the sides of the bathing suit however, may be varied to suit the manufacturer, the illustrations and descriptions given by me being merely to indicate one way in which it may be done.

I claim:

1. A swimming attachment for bathing suits comprising inflatable tubes, one for each side of the suit, the suit being provided at each side of the body with a series of loops alined lengthwise with the body through which said tubes are inserted.

2. A swimming attachment for bathing suits comprising inflatable tubes, one for each side of the suit, the suit being provided at each side of the body with a series of loops alined lengthwise with the body through which said tubes are inserted, and means for holding the tubes against endwise displacement.

3. In a swimming attachment for bathing suits comprising inflatable tubes, one for each side of the suit, the suit being provided at each side of the body with a series of loops alined lengthwise with the body through which said tubes are inserted, the uppermost and the lowermost of the loops being closed at one end to provide opposed pockets for holding the tubes against endwise displacement.

4. A swimming attachment for bathing suits comprising inflatable tubes, one for each side of the suit, the suit being provided at each side of the body and the trunk with a series of loops alined lengthwise with the body through which said tubes are inserted.

5. A swimming attachment for bathing suits comprising inflatable tubes, one for each side of the suit, and means for detachably securing said tubes to, and lengthwise of, the sides of the bathing suit and also along the legs of the trunk.

6. A swimming attachment for bathing suits comprising, inflatable tubes, one for each side of the suit, and means for detachably securing said tubes to, and lengthwise of, the sides of the bathing suit and also along the legs of the trunk.

MAX GREEN.