

W. CARROLL.
MARINE LIFE SAVING JACKET.
APPLICATION FILED AUG. 16, 1911.

1,028,433.

Patented June 4, 1912.

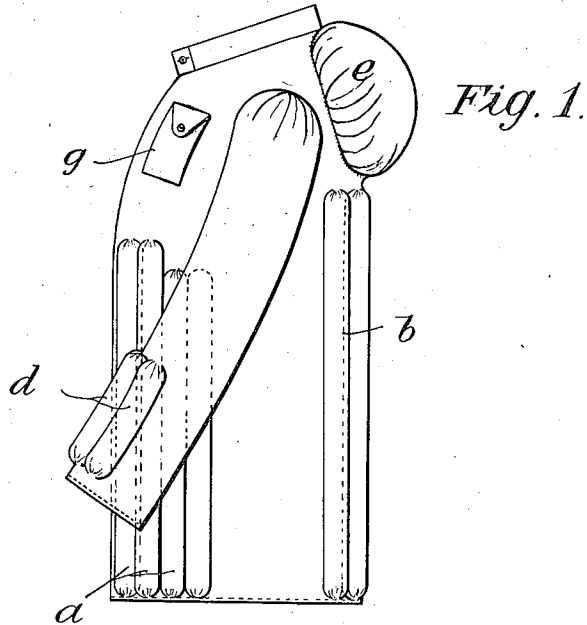


Fig. 1.

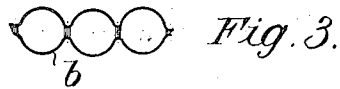


Fig. 3.

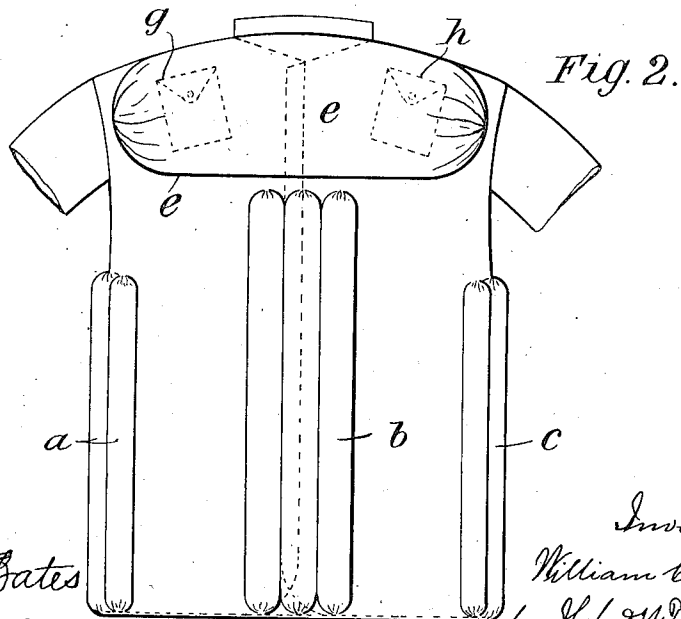


Fig. 2.

Witnesses:
Wm H Bates
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UNITED STATES PATENT OFFICE.

WILLIAM CARROLL, OF WEST SILVERTOWN, LONDON, ENGLAND, ASSIGNOR OF ONE-HALF TO GEORGE M. BODDY, OF LONDON, ENGLAND.

MARINE LIFE-SAVING JACKET.

1,028,433.

Specification of Letters Patent.

Patented June 4, 1912.

Application filed August 16, 1911. Serial No. 644,407.

To all whom it may concern:

Be it known that I, WILLIAM CARROLL, residing at 44 Boxley road, West Silvertown, London, E., England, have invented certain new and useful Improvements in Marine Life-Saving Jackets; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a jacket or garment for the purpose of buoying a person in water in cases of ship-wreck and so forth. In devices of this kind as hitherto made it has been proposed to provide a jacket having vertical compartments filled with suitable buoyant material which compartments at the back of the jacket extended up between the arms to the top or collar part. Jackets and belts have also been constructed by stitching two layers of fabric together at intervals so as to form pockets or compartments for the reception of the buoyant material. Further, the buoyant compartments have in some cases been also formed upon the upper parts of the sleeve portion.

The object of the present invention is to provide an improved jacket or garment of this kind in which the wearer is safely and comfortably supported in the water and in which sustenance may be carried in an accessible and dry position.

The invention consists of a jacket having a series of buoyant compartments around the body part in combination with a buoyant compartment or compartments disposed at the upper part of the back so as to form a cushion or pillow to support the head. I also provide suitable pockets in the upper part of the front portions above the water level in which food or the like may be conveniently carried. Further, the extremities of the arm portion of the jacket may be also provided with buoyant compartments so as to support the arms of the wearer.

The accompanying drawings illustrate a

jacket made in accordance with this invention in which—

Figure 1 is a side view, Fig. 2 is a rear view, and Fig. 3 is a sectional detail.

In the form shown the body of the jacket is provided with three groups *a b c* of vertically disposed compartments which are packed with suitable buoyant material such as cork dust, quills, kapok or the like, the sleeves of the jacket are also provided with similar compartments *d*. The group *b* at the back of the jacket extends upward to a point about level with the arm-pits, and upon the upper part of the back is disposed a larger compartment filled with buoyant material so as to form a pillow or cushion *e*. The buoyant cushion *e* is wider and thicker than the buoyant compartments *b*, and it is of greater buoyancy than the entire series of compartments *b*.

The jacket with the compartments is preferably built up of two layers of suitable fabric sewn together as shown in Fig. 3 so as to provide the necessary compartments and the seams may be rendered waterproof by covering them with a tape prepared with rubber solution so as to prevent access of water to the buoyant material in the compartments.

g, h, are pockets which are disposed at the front part of the jacket and toward the top thereof whereby food and the like may be carried in an accessible position, above the water level.

By the use of the improved jacket the wearer is maintained in an upright position or may lie out straight without discomfort the pillow or cushion *e* forming a comfortable support for the head.

Having described my invention what I claim as new and desire to secure by Letters Patent is:—

A life saving garment, comprising a short jacket open at the bottom and adapted to fasten down the front, a relatively large buoyant cushion or pillow extending trans-

versely above and across the shoulders portion of the jacket and operating to hold the head of the wearer above the water level when the wearer is unconscious, the end of the said cushion being arranged in proximity to the arm openings of the jacket, its top being arranged in proximity to the neck opening and extending along the tops of the shoulders, and its bottom being arranged below the level of the arm openings, and a series of auxiliary buoyant compartments se-

cured to the body portion of the jacket and operating to assist the said cushion or pillow in supporting the wearer but being relatively of much less size and buoyancy than the said cushion or pillow. 15

In testimony whereof I hereby affix my signature, in presence of two witnesses.

WILLIAM CARROLL.

Witnesses:

SYDNEY R. TAYLOR,
GEORGE MARLETT BODDY.