

A. M. BLACKWELL.  
 PROTECTIVE UNIFORM.  
 APPLICATION FILED JUNE 12, 1912.

1,061,808.

Patented May 13, 1913.

Fig. 1.

Fig. 2.

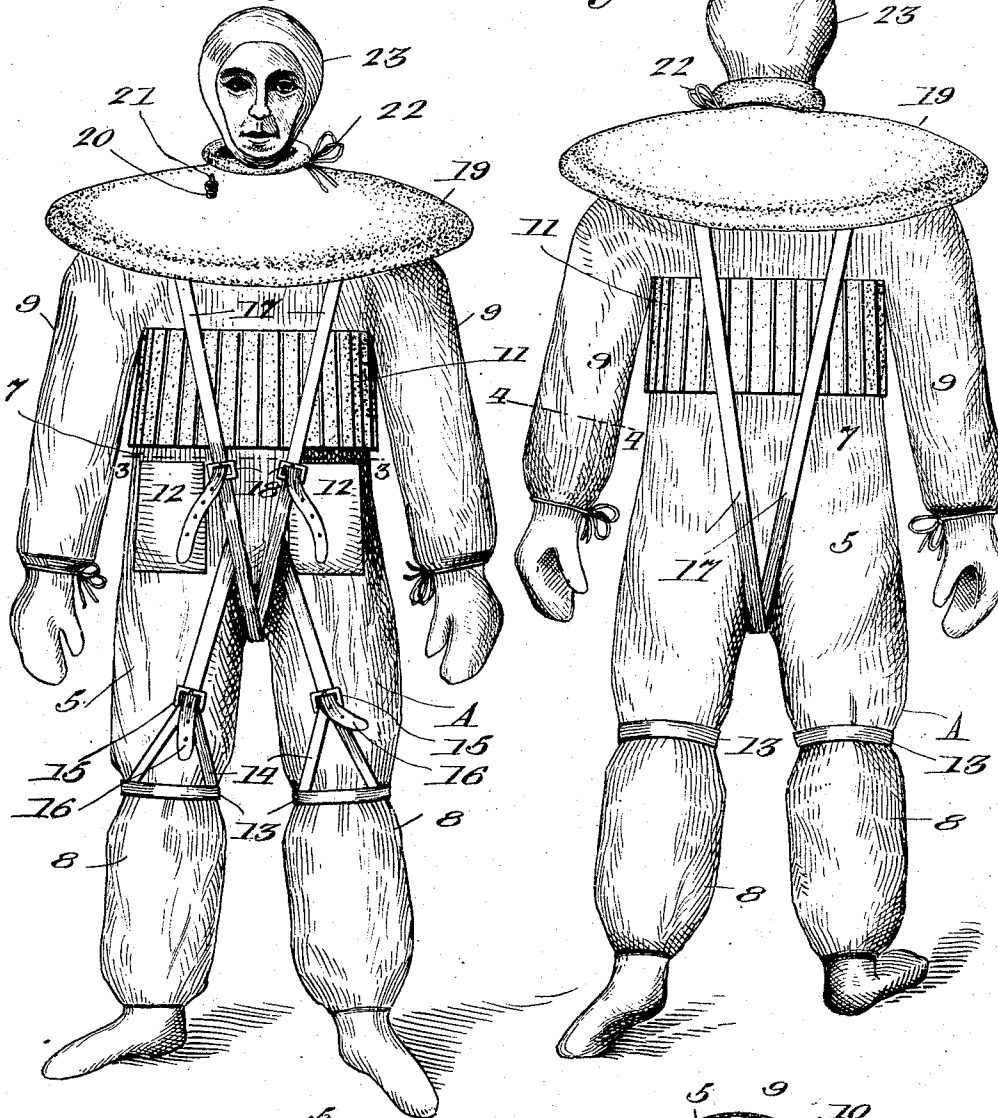


Fig. 3.

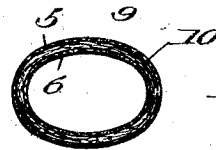
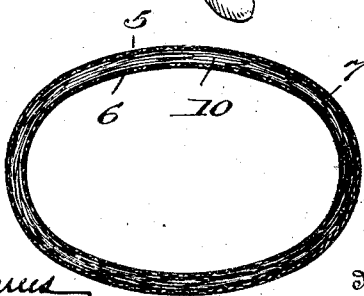


Fig. 4.

Witnesses

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# UNITED STATES PATENT OFFICE.

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## PROTECTIVE UNIFORM.

1,061,808.

Specification of Letters Patent.

Patented May 13, 1913.

Application filed June 12, 1912. Serial No. 703,305.

*To all whom it may concern:*

Be it known that I, ADELAIDE M. BLACKWELL, a citizen of the United States, residing at Seattle, in the county of King and State of Washington, have invented new and useful Improvements in Protective Uniforms, of which the following is a specification.

The general object of this invention is the provision of a protective uniform which is particularly adapted to constitute a part of the life saving equipment of a ship and which may be adjusted to accommodate any person, said garment being constructed so as to be water-proof and non-conductive of cold, whereby a person wearing the same will not be subjected to the ill effects of cold water after being immersed in the same for a length or period of time. The garment is also provided with inflatable means for retaining the wearer's head above water should he be unable to swim or become exhausted.

In carrying out the objects of the invention generally stated above, it will be understood, of course, that the essential features thereof are susceptible to changes in details and structural arrangements, one preferred and practical embodiment being shown in the accompanying drawing, wherein:—

Figure 1 is a front elevation of the garment constructed in accordance with the invention. Fig. 2 is a rear elevation thereof. Fig. 3 is a section on the line 3—3 of Fig. 1. Fig. 4 is a section on the line 4—4 of Fig. 1.

Referring more particularly to the accompanying drawing in which like reference characters designate similar parts, it will be seen that the invention comprises a water-proof body garment A which is formed of the outer and inner sections 5 and 6 respectively, said sections being connected at their edges in any suitable manner such as by sewing. The sections 5 and 6 are cut into the substantial configuration of the human body to provide trunk portions 7, leg and feet portions 8 and arm portions 9. Carried between the sections 5 and 6 of the garment is a padding 10 of some light non-conducting water-proof material which is adapted to exclude cold atmosphere and thus prevent any ill effect upon the wearer of the garment. The padding 10 has a greater thickness around the body 7 of the garment

than in the leg and arm portions 8 and 9 thus effectually protecting the trunk of the body of the wearer. The trunk portion of the outer section 5 has secured thereto in any ordinary well known manner a plurality of cork strips 11 which constitute the ordinary well known form of life preserver. The outer section 5 also has secured thereto a plurality of pockets 12 which are adapted to be effectually closed against admission of water thereinto and which are adapted to contain food and drink for the sustenance of the wearer. The leg portions 8 are each adapted to have secured thereto a band 13 to which is connected the converging strips 14 having at their meeting ends a buckle 15 which is adapted to be engaged by one end of an adjusting strap 16; the other end of said strap being secured to the shoulder strap 17 each of the latter being also adjustable by means of buckles 18. The shoulder straps 17 are adapted to engage the front and rear portions of the garment and pass over the shoulders and under the crotch of the trunk portion 7. It will thus be seen that if the person wearing the garment is of smaller size than the same, said garment may be drawn up and made smaller by means of the adjusting buckles 15 and 18 whereby said garment will be made to substantially fit the wearer.

The neck of the body portions of the sections 5 and 6 is made sufficiently large to enable a person to don the garment and said neck has secured thereto an inflatable air reservoir 19 which has a nipple 20 extending therefrom, said nipple being provided with a suitable valve 21 whereby said reservoir may be readily inflated in any convenient manner. It is to be understood that the reservoir 19 is secured to the neck of the garment so that said neck and reservoir may be contracted after the uniform is in position upon the body of the wearer by means of a tightening cord 22. The garment is also adapted to have secured thereto contiguous to its neck a hood 23 which may be placed over the head of the wearer whenever desired whereby protection is afforded the same.

From the foregoing description taken in connection with the accompanying drawing, it will be seen that the invention contemplates providing a protective uniform which is simple in construction thus reducing the cost

of manufacture of the same to a minimum, and which is durable and effective in carrying out the purpose for which it is designed.

What is claimed is:—

- 5 A protective uniform comprising body and leg sections, bands encircling the leg sections and secured thereto, buckles connected to said bands, an adjusting strap connected to each of said buckles, and ad-  
10 justable shoulder straps connected to said

adjusting straps, said shoulder straps being adapted to engage the front and rear of the body portion and pass over the shoulders and under the crotch thereof.

In testimony whereof I affix my signature 15 in presence of two witnesses.

ADELAIDE M. BLACKWELL.

Witnesses:

WILLIAM O'CONNOR,  
S. K. WHITING.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."