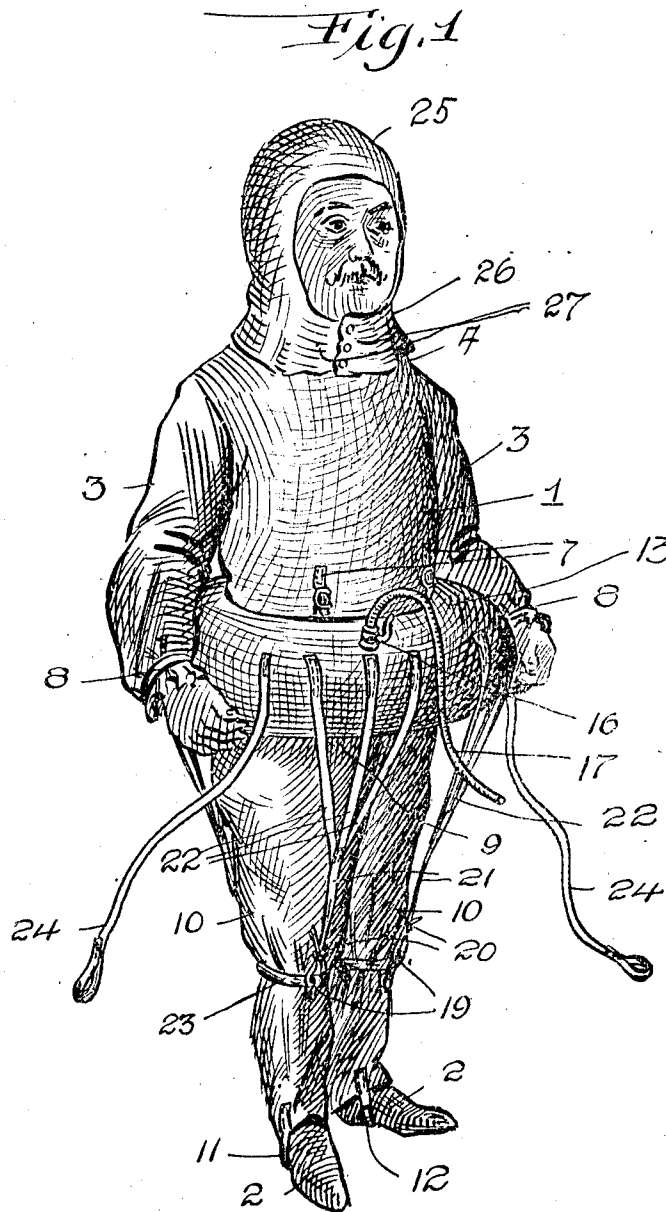


J. GERA.
LIFE SAVING SUIT.
APPLICATION FILED AUG. 16, 1912.

1,051,573.

Patented Jan. 28, 1913.

4 SHEETS—SHEET 1.



WITNESSES

Samuel Payne
R. H. Butler

INVENTOR

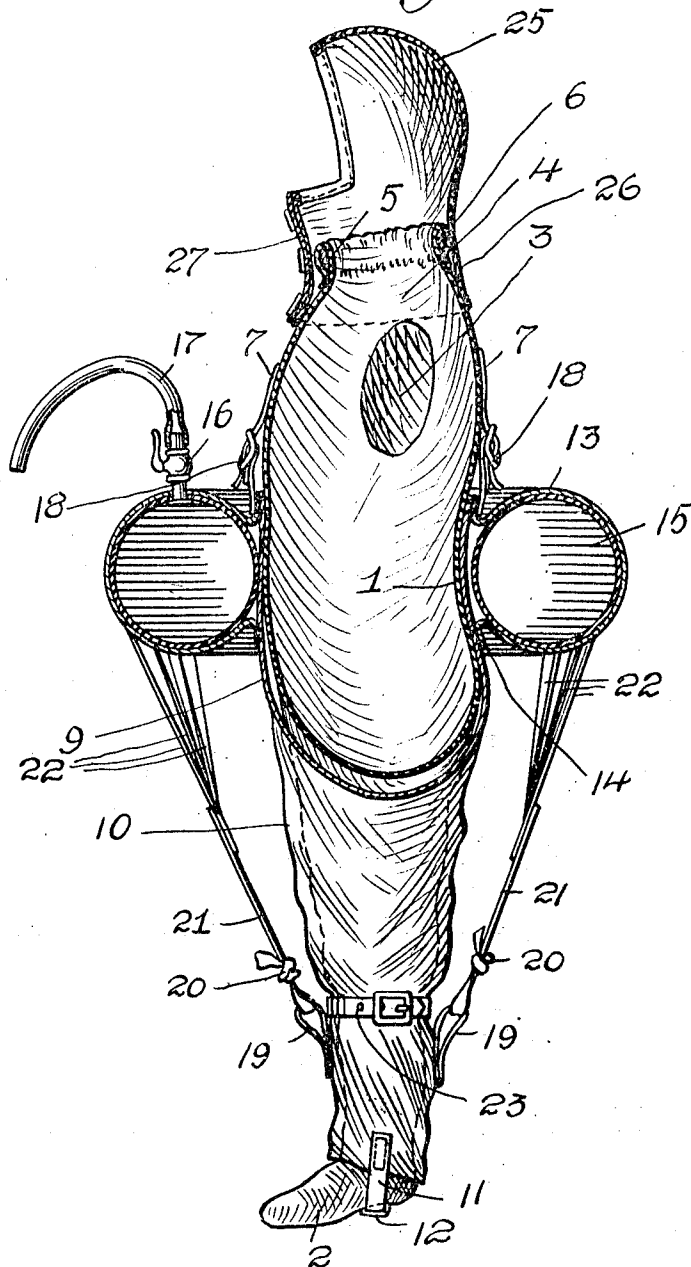
J. Gera.
By H. C. Everett & Co.
ATTORNEYS

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4 SHEETS—SHEET 2.

Fig. 2.



WITNESSES

Samuel Payne.
W. H. Butler.

INVENTOR

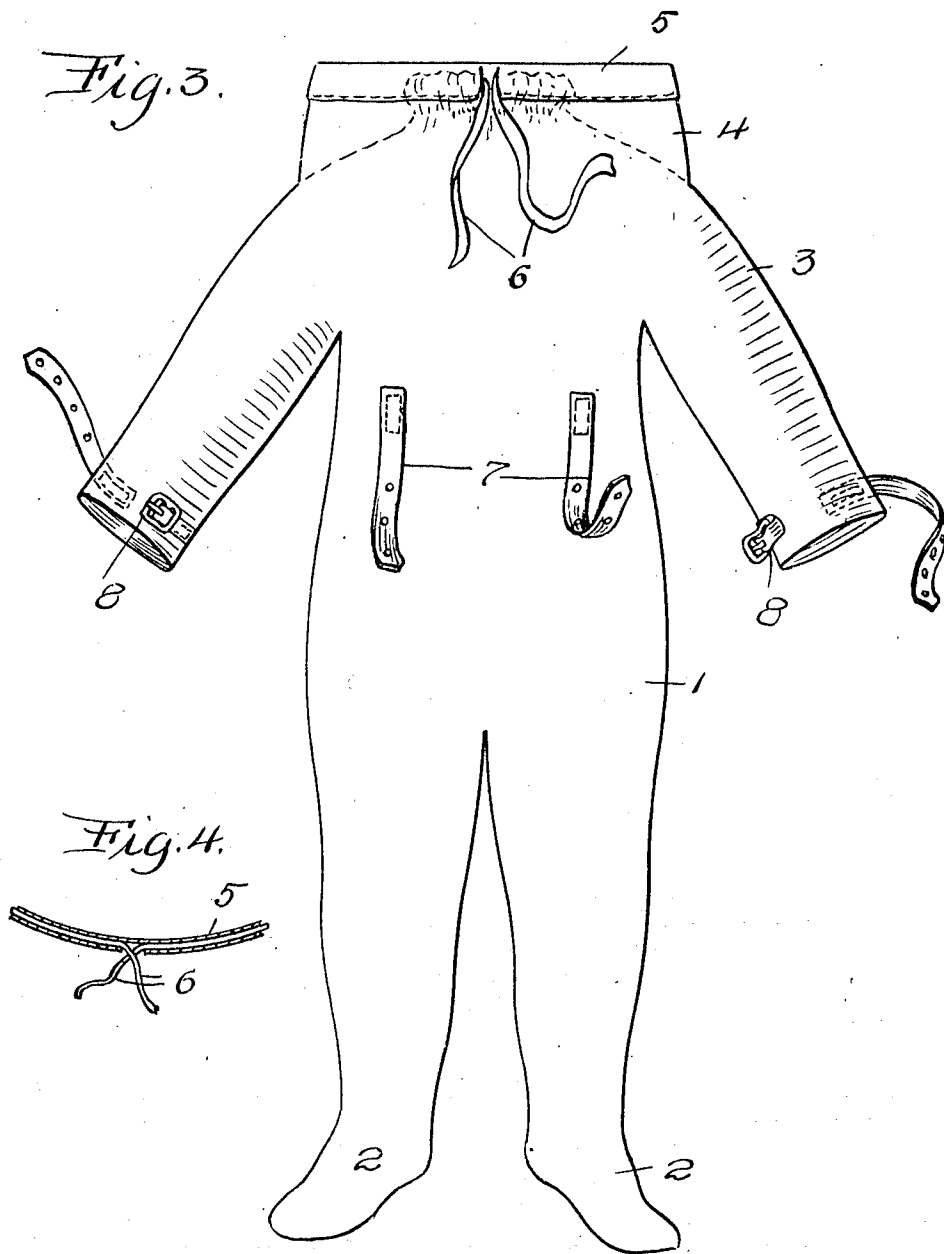
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4 SHEETS-SHEET 3.



WITNESSES
Samuel Payne
K. H. Butler

INVENTOR
J. Gera.
By *H. C. Evered*
ATTORNEYS

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4 SHEETS-SHEET 4.

Fig. 5.

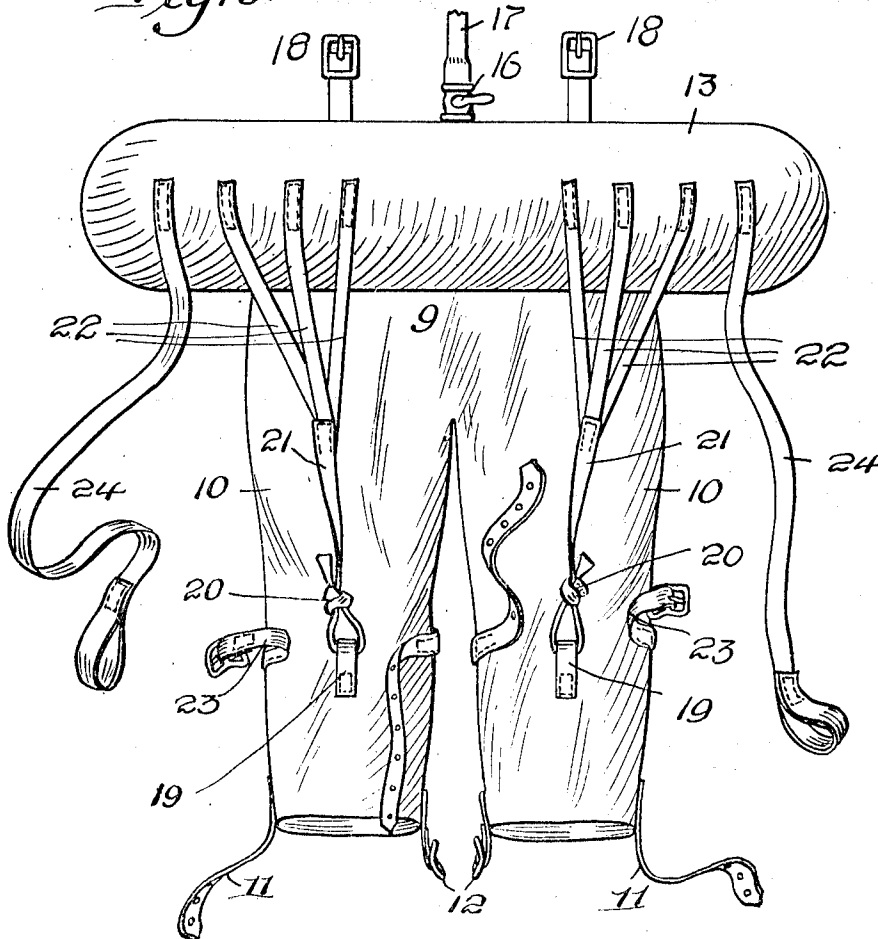
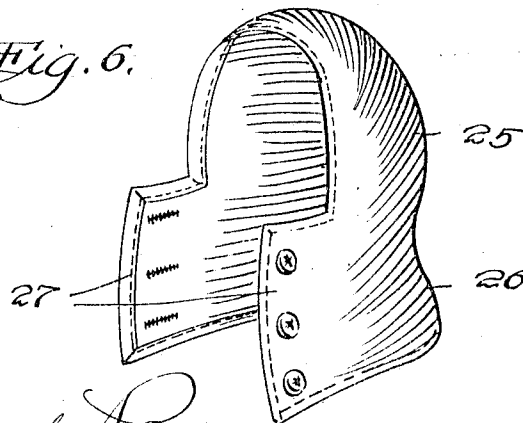


Fig. 6.



WITNESSES

Samuel Payne
K. H. Butler

INVENTOR

J. Gera.
By H. C. Everett & Co.

ATTORNEYS

UNITED STATES PATENT OFFICE.

JANOS GERA, OF BALTIMORE, MARYLAND

LIFE-SAVING SUIT.

1,051,573.

Specification of Letters Patent.

Patented Jan. 28, 1913.

Application filed August 16, 1912. Serial No. 715,401.

To all whom it may concern:

Be it known that I, JANOS GERA, a subject of the King of Hungary, residing at Baltimore, State of Maryland, have invented certain new and useful Improvements in Life-Saving Suits, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a life saving suit, and the primary object of my invention is to provide garments to be easily and quickly placed upon the body to protect the same and maintain the body afloat.

Another object of this invention is to provide a water-proof union suit that can be placed upon the body to exclude water, and a life saving device in connection with said suit for keeping the body afloat.

A further object of this invention is to provide life saving garments that can be advantageously used when accidents occur to ocean going vessels, the garments protecting the body from ice and floating debris and maintaining the body in such position that the hands can be used for navigating purposes.

A still further object of this invention is to provide garments of the above type that are simple in construction, durable and easy to install.

With the above and other objects in view the invention resides in the novel construction, combination and arrangement of parts to be hereinafter specifically described and then claimed.

Reference will now be had to the drawings wherein:—

Figure 1 is a perspective view of the life saving garments as applied to a body. Fig. 2 is a vertical sectional view of the garments. Fig. 3 is a front elevation of a union suit forming one of the garments. Fig. 4 is a horizontal sectional view of a drawing string case of the union suit. Fig. 5 is a front elevation of a life saving garment, and Fig. 6 is a perspective view of a hood.

Further describing my invention with reference to the drawings wherein like numerals denote corresponding parts throughout: 1 denotes a union suit having integral feet 2, long sleeves 3 and a wide neck band 4, said band having a draw string case 5 for a draw string 6. The front and rear sides of the suit have straps and the ends of the sleeves 3 are provided with straps and buc-

kles 8. The wide neck band 4 permits of the suit being slipped on the body and the draw string 6 is drawn and tied to form a non-leakable connection around the neck of the body. The straps of the sleeves 3 are then buckled to form a similar connection at the wrists.

With the union suit made of light and durable rubber or waterproof material the body is incased and protected from moisture.

9 denotes a life saving garment in the form of a pair of trousers that has the lower ends of the legs 10 thereof provided with straps 11 and buckles 12 that constitute stirrups, the straps 11 extending under the feet and retaining the lower ends of the legs 10 at the feet.

13 denotes a cylindrical casing stitched, or otherwise connected, as at 14 to the waist portion of the trousers 9 and located within said casing is a pneumatic tube 15 having a filling valve 16 to which an air supply hose 17 can be connected for inflating the tube 15.

18 denotes buckles carried by the casing 13 and adapted to be connected to the straps 7.

19 denotes loops connected to the legs 10 of the trousers and tied or otherwise connected to said loops, are straps 21 having branches 22 connected to the casing 13, at the front and rear sides thereof.

23 denotes straps and buckles at the knees of the trousers for binding the trousers on the limbs.

24 denotes hand straps connected to the casing 13, said straps permitting of the wearer of the suit being lowered into the water, connecting the suit to a raft or other support, and allowing of a number of persons floating together by gripping the straps.

25 denotes a hood having a neck portion 26 provided with flaps 27 adapted to be buttoned or otherwise connected together, said hood preventing the forces of nature from injuring the head.

The pneumatic tube 15 is of a sufficient size to provide a large area capable of maintaining the body upright in the water and as the hands are free it is possible for the wearer of the suit to manipulate paddles or use the hands to navigate.

In case of accident the suit can be easily and quickly donned and a supply of air received from a suitable source for inflating

the life saving belt. With the belt attached to the limbs the belt cannot become accidentally displaced or the body shifted to a position other than upright beneath the belt, it being possible however for the wearer of the suit to bend the body above the belt and assume as comfortable position as possible.

The life saving garments can be carried on a vessel for emergency purposes or used by life savers for rescuing bathers and shipwrecked persons.

While in the drawing there is illustrated a preferred embodiment of the invention, it is to be understood that the structural elements are susceptible to such variations and modifications as fall within the scope of the appended claims.

What I claim is:—

1. A life saving device comprising a water-proof union suit, trousers fitting upon said suit, a pneumatic life belt carried by said trousers and connected to said suit, and means connecting the outer sides of said belt to said trousers.

2. A life saving device comprising a wa-

ter-proof union suit, trousers fitting upon said suit, a pneumatic life belt carried by said trousers and connected to said suit, means connecting the outer sides of said belt to said trousers, and means to facilitate filling said belt.

3. A life saving device comprising a water-proof union suit, trousers fitting upon said suit and strapped to the legs thereof, a cylindrical casing strapped to said trousers and to said suit, and a pneumatic tube located within said casing.

4. A life saving device comprising a water-proof union suit, trousers fitting upon said suit and strapped to the legs thereof, a cylindrical casing strapped to said trousers and to said suit, a pneumatic tube located within said casing, and a hood fitting over the upper end of said suit.

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

JANOS GERA.

Witnesses:

E. R. ALLNUTT,
JAMES SZALXYS.

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