

A. TRAUB.
Life-Preserver.

No. 163,422.

Patented May 18, 1875.

Fig. 1.

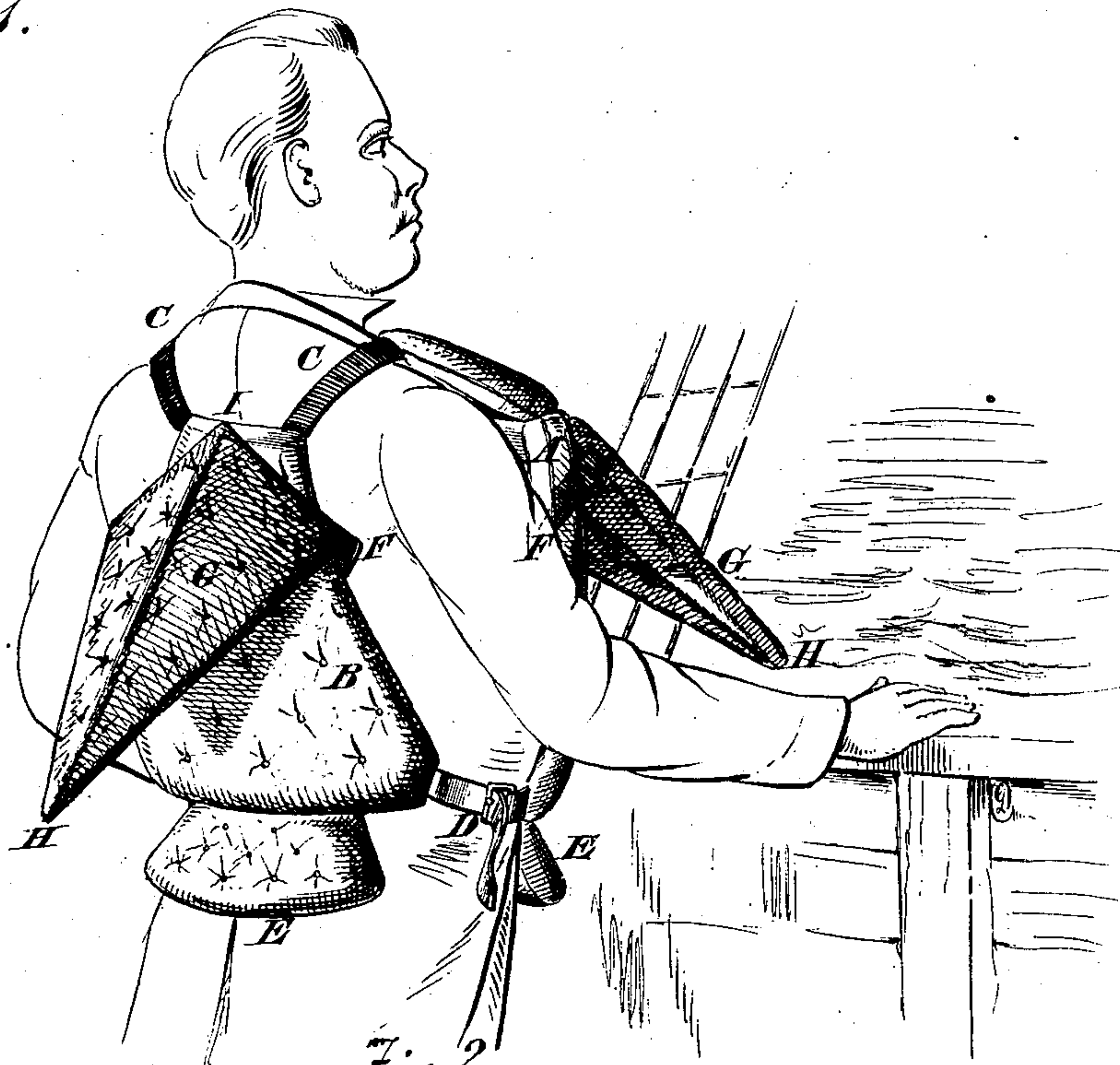
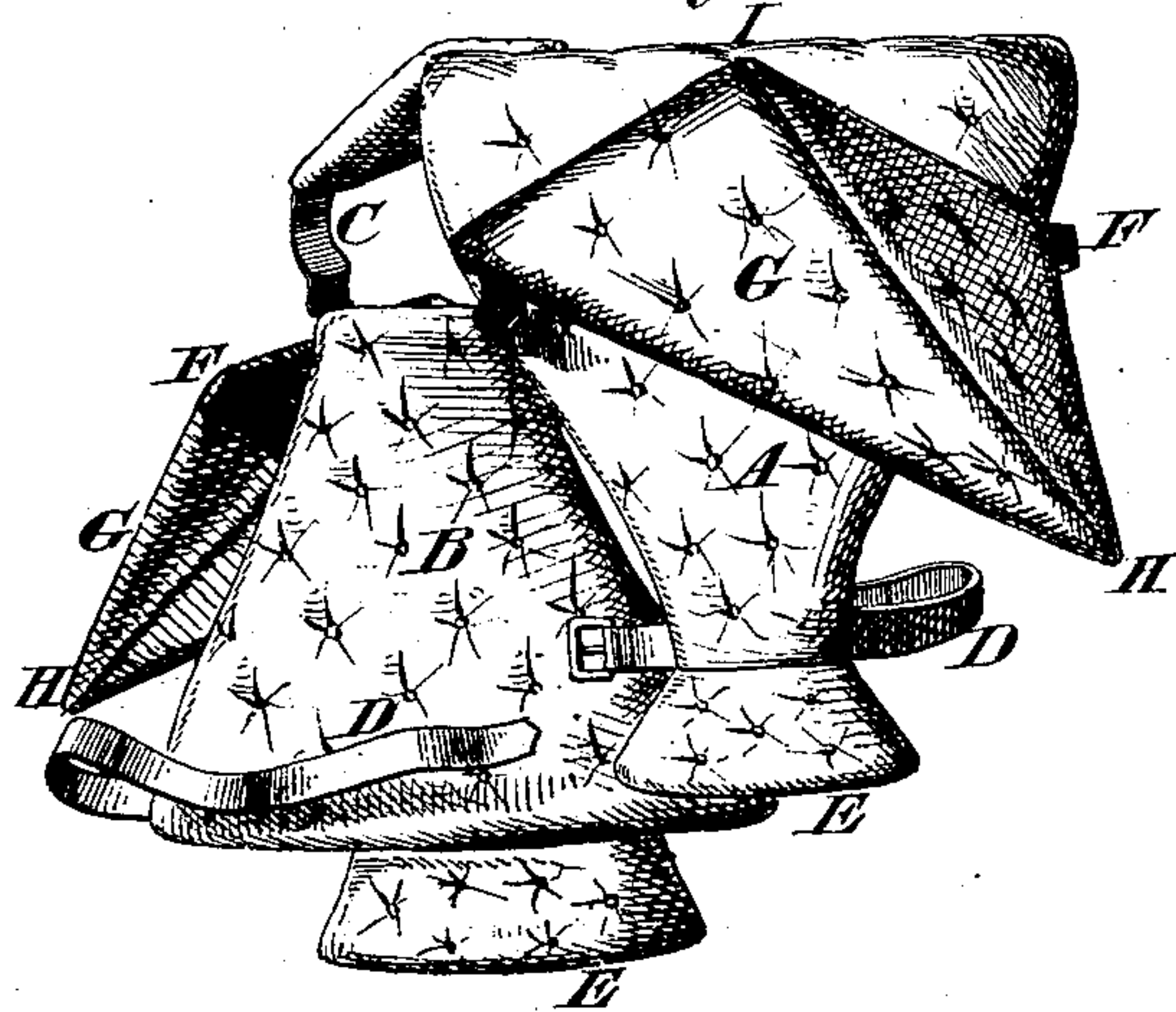


Fig. 2.



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IMPROVEMENT IN LIFE-PRESERVERS.

Specification forming part of Letters Patent No. **163,422**, dated May 18, 1875; application filed March 13, 1875.

To all whom it may concern:

Be it known that I, ADOLPH TRAUB, of the city, county, and State of New York, have invented a new and useful Improvement in Life-Preservers, of which the following is a specification:

The invention will first be fully described, and then pointed out in the claim.

Figure 1 represents the life-preserver applied to the person as when in use. Fig. 2 is a view of the life-preserver detached.

Similar letters of reference indicate corresponding parts.

This life-preserver is constructed of a front and a rear part, connected together by straps or suspenders, supported by the shoulders, having movable wings or fins attached thereto, the whole being made double or bag-like and filled with roasted cork.

A is the front portion; B, the rear portion. C C are the suspenders. These parts are confined to the body by the belt D, which is buckled in the usual manner. Attached to the lower ends of the front and rear portions are wings or fins E E, (one in front and one behind,) which are made and filled, and attached so as to play readily up and down, and assume, when the person is in the water, a horizontal position. Attached by means of elastic straps F (on the two opposite corners) is another wing in front and one in rear, G G. These wings are made long, and taper to points H H at their lower ends, with their upper points I I extending above the corners G G. When the person is in the

water these wings will rise to a horizontal position. They act as levers, the elastic straps F F being fulcrums, while the upper points I I bear against the front and rear portions A B, and support the wings in a horizontal position. These wings, like the others, are made double, and are filled with roasted cork. The entire life-preserver is filled with this substance; but other suitable material may be used for the whole or a part, as may be deemed best.

The life-preserver is used, when necessary, by throwing it over the head, as seen in Fig. 1, and then buckling the belt around the body.

The life-preserver may be made without the short wings E, or with only one of them. With this life-preserver on, a person in the water would stand but a small chance of drowning.

The filling may be (and usually is) quilted in and well secured, and the entire life-preserver may be made of oil silk or linen, or other similar water-proof material.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A life-preserver provided with long fins E E, tapering to points H I, and held by elastic straps F F, as and for the purpose specified.

ADOLPH TRAUB.

Witnesses:

T. B. MOSHER,
ALEX. F. ROBERTS.