No. 896,037. PATENTED AUG. 11, 1908.

J. W. NEELY.

LIFE SAVING APPARATUS.

APPLICATION FILED MAY 29, 1907.

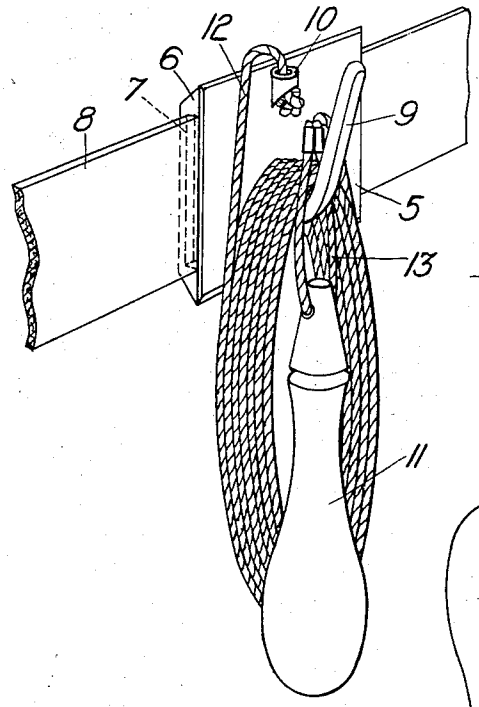


Fig. 1.

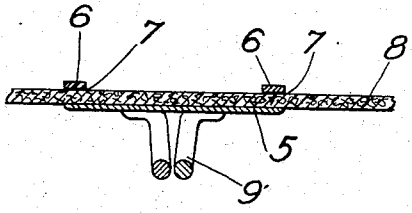


Fig. 3.

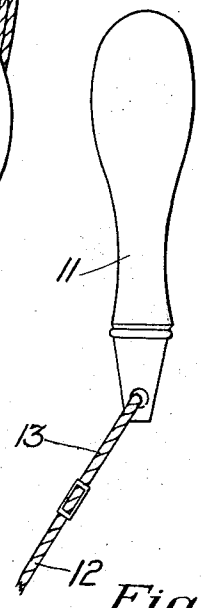
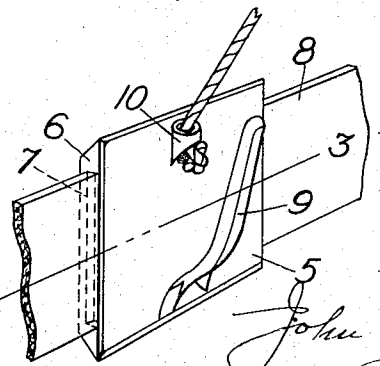


Fig. 2.



Witnesses:

Francis H. Bishop

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UNITED STATES PATENT OFFICE.

JOHN W. NEELY, OF CAMBRIDGE, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO JOHN H. SMITH, OF JAMAICA PLAIN, MASSACHUSETTS.

LIFE-SAVING APPARATUS.

No. 896,037. Specification of Letters Patent. Patented Aug. 11, 1908.

Application filed May 29, 1907. Serial No. 376,363.

To all whom it may concern:

Be it known that I, JOHN W. NEELY, a citizen of the United States, residing at Cambridge, in the county of Middlesex and State of Massachusetts, have invented new and useful Improvements in Life-Saving Apparatus, of which the following is a specification.

This invention relates to improvements in life saving apparatus, and the object is to provide a device which may be worn by a person who is either boating or who is near the water, said device comprising a float and a cord fast to said float coiled and supported on a belt in such a manner that if the person's body becomes submerged the float will free itself from the belt and rise to the surface, thus indicating the position of the body so that the body may be raised by means of the cord.

Like numerals refer to like parts throughout the several views of the drawings.

Referring to the drawings: Figure 1 is a perspective view of my improved life saving apparatus, the belt being broken away to save space in the drawing and the cord being coiled and said cord and the handle being supported on the hook as the device is worn. Fig. 2 is a perspective view of the device after the float has freed itself from the hook on the belt, the cord being broken away to save space in the drawings. Fig. 3 is a detail plan section taken on line 3—3 of Fig. 2.

In the drawings, 5 is a plate provided with ears 6, 6 having slots 7, 7 through which extends a belt 8 which may be secured around the waist of a person. A hook 9 fast to the plate 5 extends upwardly and outwardly from its point of connection with said plate. A ring or eye 10 is secured to the plate 5 in any suitable manner such as by soldering, said ring being connected to a float 11 by a cord 12 having a loop 13.

The operation of the device is as follows: The cord 12 is normally hung in a coil on the hook 9 and the float 11 is hung from said hook by means of the loop 13. The device as thus arranged may be worn by a person who is either boating, skating or who is engaged in any pursuit in proximity to the water. If the person falls into the water and sinks the float detaches itself from the hook 9 and the cord uncoils and it will be seen that as the body sinks the cord being of sufficient length the float 11 will rise to the surface of the water and indicate the position of the person's body, the rescuers may then pick up the float and pull on the cord 12 thus raising the body to the surface.

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

1. In a life saving apparatus, a belt, a hook attached to said belt with its outer end extending upwardly, a float, a cord connected to said belt and said float, and a loop connected to said float, whereby said float may be supported by said loop on said hook.

2. In a life saving apparatus, a belt, a hook attached to said belt with its outer end extending upwardly, a float, and a cord connected to said belt terminating at one end thereof in a loop connected to said float, whereby said float may be supported by said loop on said hook.

3. In a life saving apparatus, a belt, an upwardly extending hook supported on said belt, a float, a cord connected to said belt and said float and arranged in a coil on said hook, and a loop connected to said float and supported on said hook.

4. In a life saving apparatus, a belt, a plate fast to said belt, an upwardly extending hook fast to said plate, a ring or eye fast to said plate, a float, and a cord connected at one end to said float and at its other end to said eye and arranged in a coil on said hook.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOHN W. NEELY.

Witnesses:
LOUIS A. JONES,
SADIE V. MCCARTHY.