

K. TANAKA.
LIFE PRESERVER AT SEA.
APPLICATION FILED MAY 9, 1913.

1,096,573.

Patented May 12, 1914.

Fig. 1

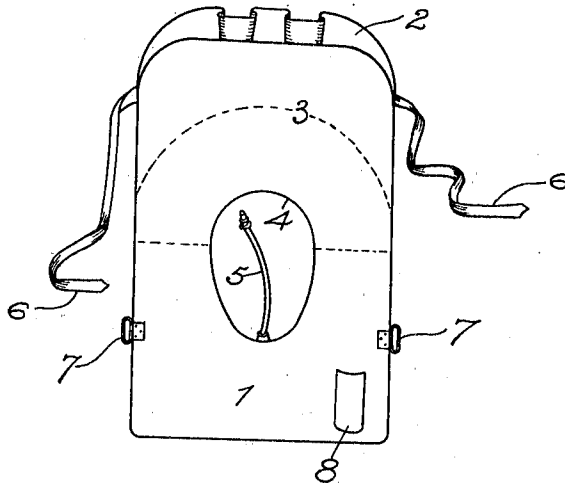


Fig. 3

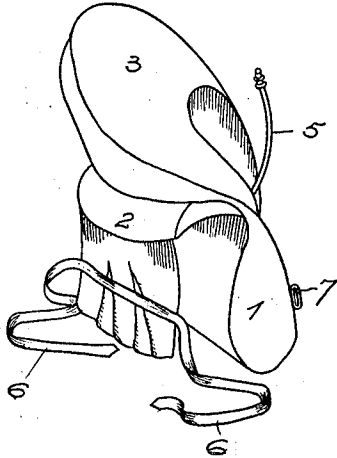
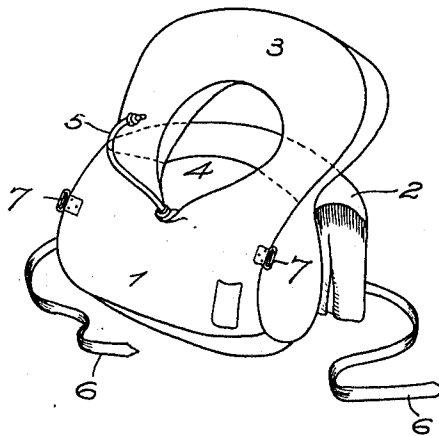


Fig. 2



Witnesses:

L. A. Gaurin
A. Batten

KICHITARO TANAKA

Inventor

By

Marion Marion

Attorneys

UNITED STATES PATENT OFFICE.

KICHITARO TANAKA, OF TOKYO, JAPAN.

LIFE-PRESERVER AT SEA.

1,096,573.

Specification of Letters Patent.

Patented May 12, 1914.

Application filed May 9, 1913. Serial No. 766,631.

To all whom it may concern:

Be it known that I, KICHITARO TANAKA, residing at No. 2 Furuishiba Machi, Fukagawa Ku, city of Tokyo, Empire of Japan, have invented certain new and useful Improvements in Life-Preservers at Sea, of which the following is the specification.

This invention relates to a life saving apparatus which consists of an oblong floating bag, at the middle part of which is attached another floating bag of square or nearly square form, the whole forming a complex bag with three chambers.

The apparatus has a hole at the central part for the neck so that it can be fastened upon the shoulders.

The object of the invention is, by proper distribution of floating capacity among various chambers, to make the center of gravity lie below the shoulders of the wearer, and to enable him to keep his head above water, thus making it easy for him to swim and save his life.

In the accompanying drawing, Figure 1 is a plan of the apparatus; and Figs. 2 and 3 are respectively a front and a back view of the apparatus inflated with air.

The same numbers refer to the same parts throughout all the figures.

This invention is made of suitable material in the form of a complex bag and is inflated with the air. (1) and (2) are the main body of the bag of which the middle part is to rest upon the shoulders, and they are to be tied (1) upon the breast and (2) upon the back. In order to make it easy to keep the upper part of the body above water, another square or nearly square bag (3) is attached to the main bag; and the proportions of the capacity of the several chambers (1), (2) and (3) are respectively 4, 2 and 6.

(5) is a pipe for blowing in the air, (6) (6)

are bands to tie the apparatus around the body, and (7) (7) are rings to pass the bands, while (8) is a pocket to put in the free end of the pipe (5) when not in use.

This apparatus can be used not only as a life preserver but also as a pillow or a cushion.

Having now fully described my invention and the manner of carrying the same into effect, what I claim as new and desire to secure by Letters Patent, is—

1. In a device of the character described; a main air chamber, adapted to be worn on the breast of the wearer; a secondary chamber integral therewith and adapted to be placed on the back of the wearer; an auxiliary air chamber integral with the main chamber and adapted to fit about the neck and the back of the head of the wearer; inflating means; securing means; and means for preventing the inflating means from interfering with the movements of the wearer.

2. In a device of the character described, a main air chamber, adapted to be worn on the breast of the wearer; a secondary chamber integral therewith and adapted to be placed on the back of the wearer; an auxiliary chamber integral with the main chamber and adapted to be fitted about the neck and the back of the wearer; the said chambers being in the proportions of 4, 2, and 6, respectively; inflating means; securing means; and means for preventing the inflating means from interfering with the movements of the wearer.

In witness whereof I have hereunto set my hand in the presence of two witnesses.

KICHITARO TANAKA.

Witnesses:

GENJI KURIBARA,
KASALAW OKASAWA.

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