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M. O. SLOULIN

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SAFETY ATTACHMENT FOR BOATS

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Fig. 1

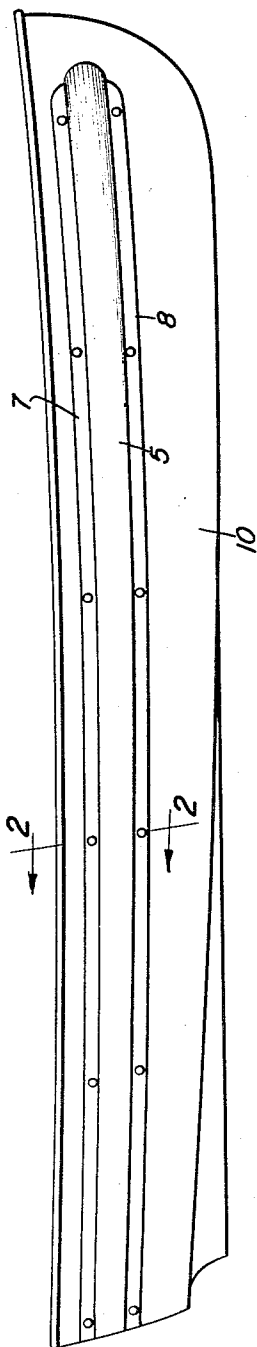


Fig. 2

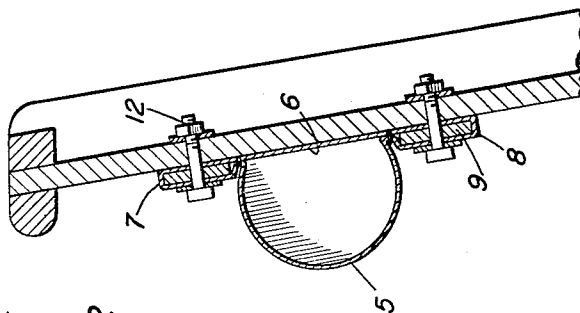
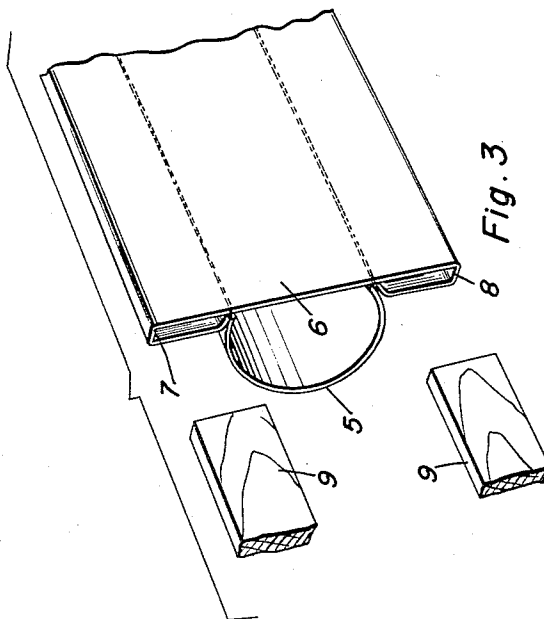


Fig. 3



Milton O. Sloulin
INVENTOR.

BY

Alvanice A. O'Brien
and *Harvey E. Jacobson*
Attorneys

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SAFETY ATTACHMENT FOR BOATS

Milton O. Sloulin, Maddock, N. Dak.

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1 Claim. (Cl. 9—3)

The present invention relates to new and useful improvements in safety attachments for boats constructed to provide an air chamber at the side of the boat to reduce the danger of capsizing or to keep the boat from sinking should it capsize, and also to form a bumper to prevent damage to the boat when docking.

An important object of the invention is to provide a substantially semicylindrical inflated rubber tube with casings or sleeves at its longitudinal edges and adapted to receive rigid strips therein for attaching the tube to the side of a boat to form a sponson for the boat.

Another object is to provide a safety device of this character of simple and practical construction, which is efficient and reliable in operation, relatively inexpensive to manufacture and otherwise well adapted for the purpose for which the same is intended.

These together with other objects and advantages which will become subsequently apparent reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming a part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a side elevational view;

Figure 2 is an enlarged fragmentary sectional view taken on a line 2—2 of Figure 1; and

Figure 3 is a fragmentary enlarged group perspective view of the inflatable tube and showing the casings or sleeves for receiving the attaching strips.

Referring now to the drawing in detail, wherein for the purpose of illustration, I have disclosed a preferred embodiment of my invention, the numeral 5 designates a substantially semicylindrical rubber tube having its ends

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closed and adapted for inflating with air to a predetermined pressure in any conventional manner.

The tube is formed with a back 6 which projects beyond the upper and lower edges of the tube and shaped to provide longitudinally extending hollow casings or sleeves 7 and 8 adapted for inserting rigid attaching strips 9 thereon.

The tube is of sufficient length to extend horizontally substantially throughout the length of a small boat or canoe 10 for attaching on the outside thereof above the water line and adjacent the gunwale 11 by bolts and nuts or other suitable fasteners 12 inserted through the strips and fastened to the side of the boat.

The air chamber may include one or more inflatable tubes, one within the other.

The inflated rubber tube constitutes a sponson to keep the boat afloat should it capsize and also tends to reduce the danger of capsizing, as well as to serve as a splash rail for the boat, and as a bumper to prevent damage to the side thereof.

The foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation described and claimed, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the invention as claimed.

What is claimed as new is as follows:

A safety device for boats comprising an elongated inflatable body, longitudinally extending flexible casings at the side edges of the body, rigid strips inserted in the casings, said casings conforming to the shape of said strips, and fastening means passing through the casings and strips for securing the body to the side of a boat.

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