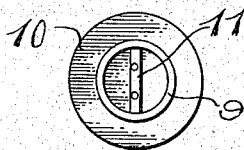
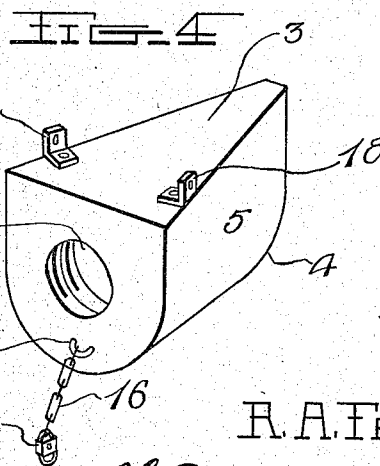
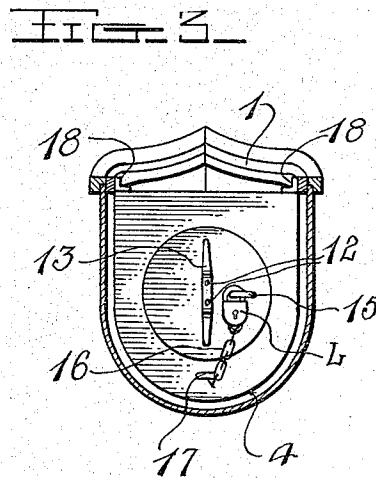
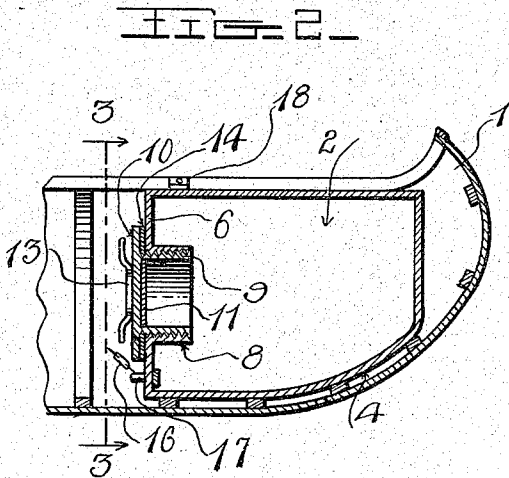
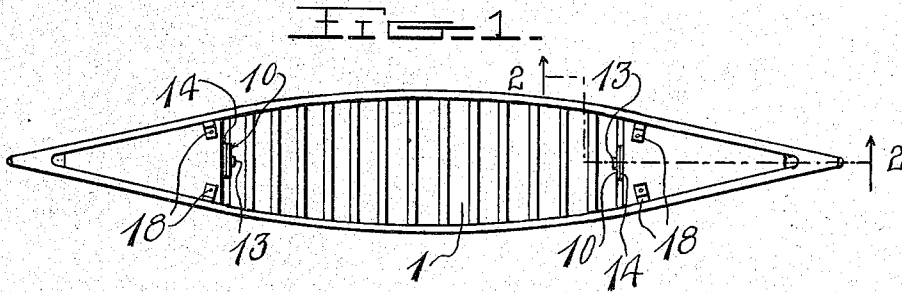


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ATTACHMENT FOR CANOES.
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1,172,974.

Patented Feb. 22, 1916.



Witnesses

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ATTACHMENT FOR CANOES.

1,172,974.

Specification of Letters Patent.

Patented Feb. 22, 1916.

Application filed November 26, 1915. Serial No. 63,546.

To all whom it may concern:

Be it known that I, ROBIN ADAIR FRAYSER, a citizen of the United States, residing at Richmond, in the county of Henrico and State of Virginia, have invented certain new and useful Improvements in Attachments for Canoes; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to attachments for canoes and has for its principal object one or more water and air-tight compartments for said canoe.

A further object is to provide compartments of such shape that they will readily fit either the bow or stern of a canoe.

A still further object is to provide an improved closure for the water-tight compartments through which food, clothing or the like may be placed in the same before the canoe is taken on a trip.

With the above and other objects in view, my invention resides in certain novel features of construction which will hereinafter be more particularly described and claimed.

In the accompanying drawings: Figure 1 represents a top plan view of a canoe equipped fore and aft with my improved lockers or water-tight compartments; Fig. 2 is a central vertical section on the line 2—2 of Fig. 1; Fig. 3 is a vertical transverse section on the line 3—3 of Fig. 2; Fig. 4 is a perspective view of one of these improved lockers removed from the canoe; and, Fig. 5 is a rear elevation of the improved closure used in these lockers.

My invention is shown applied to the ordinary type of canoe 1 and is a water-tight metallic compartment 2 preferably shaped to conform to the ends of the canoe as shown.

The top of each of the compartments is flat as shown at 3 while the bottoms thereof are curved as shown at 4 to conform to the curvature of the bottom of the canoe adjacent the ends. Since both of these compartments 2 are substantially the same one only will hereinafter be particularly described. The bottom 4 is extended upwardly to form the sides 5 which are soldered or otherwise securely connected to the top 3. As the ends of the canoe are curved upwardly so are also the ends of the compartments. The exact curvature of the outer

end of one of the compartments is illustrated in Fig. 2. While in this figure the compartment is shown as conforming closely to the curvature of the canoe, it is evident that it is unnecessary to form the lockers exactly as the canoes are formed, as the shape of various canoes differs somewhat.

The inner wall 6 of the locker or compartment 2 is flat and its edges are connected to the top and bottom and sides in any preferred manner, it being understood, however, that all seams are made water and air-tight. This wall 6 is provided with a circular opening 7 through which food, clothing, ammunition or other supplies may be placed in the locker. A sleeve 8 having an interior diameter similar to that of the opening 7 and internally threaded, is secured to the inner surface of the wall 6 as clearly illustrated in Fig. 2. This sleeve 8 is internally threaded to receive an externally threaded sleeve 9 carried by a flat plate 10 which forms the closure for the opening 7. The inner face of the plate 10 within the sleeve 9 has a reinforcing member 11 secured thereto through which bolts or rivets 12 extend. The outer ends of these bolts or rivets 12 hold the cleat 13 to the outer face of the plate 10. This cleat is to provide means by which the closure may be screwed into or out of the sleeve 8. It is obvious, however, that any other suitable form of handle may be provided on this plate, a cleat being shown merely because it takes up very little room within the canoe.

Before placing the closure in the opening 7, a rubber gasket 14 is placed on the sleeve 9 and is adapted to lie between the plate 10 and the wall 6 when the closure is in place. An eye 15 is also secured to the outer face of the plate 10 and is adapted to receive the loop of a padlock or other preferred form of lock L which is attached by a short chain 16 to the wall 6 of the locker. The chain 16 is herein shown as secured to the locker 2 by the eye 17. It is evident that when the lock L is in the eye 15 the closure can only be rotated a short distance, and therefore any one not having a key for opening the lock cannot gain access to the locker.

The lockers or compartments 2 are preferably although not necessarily fastened within the canoe by means of the angle brackets 18 one arm of which is attached to the tops 3 of the lockers while the upright arms are secured to the gunwales of the

canoe. By this means the lockers may be securely fastened within the canoe yet the same may be removed therefrom when desired.

5 From the foregoing description taken in connection with the accompanying drawing it is evident that I have produced a very improved form of air and water-tight compartment for canoes which will not only
10 provide a storage place for food and the like, but will also provide a bouyant means which will support the canoe and several persons should the same become upset.

I claim as my invention:

15 1. The combination with a boat, of a water-tight locker having a plane top and inner end, the bottom and outer end being rounded both transversely and longitudinally, the plane inner end having a threaded
20 opening therein, a pair of angle brackets secured by the horizontal arms to the top of said locker, the upright arms being adapted to be attached to the side of the boat, a closure adapted to be threaded into

said threaded opening, an eye carried by said 25 closure, an additional eye on the locker, a lock connected with one of said eyes and adapted to engage the other to prevent unscrewing of the closure.

2. In a device of the class described, a 30 water tight locker having an opening in one of its ends, an internally threaded sleeve surrounding said opening and extending into the interior of said locker, a closure therefor comprising a plate, an externally 35 threaded sleeve secured to the inner face of said plate, and adapted to engage said internally threaded sleeve, a reinforcing member on the inner face of said plate within said sleeve, and a cleat secured to the outer 40 face of the plate for turning said closure.

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

ROBIN ADAIR FRAYSER.

Witnesses:

F. V. NORMENT,
HILL CARTER.

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