June 21, 1949. J. C. GANONG 2,473,874

BAIT BOX

Filed March 16, 1948

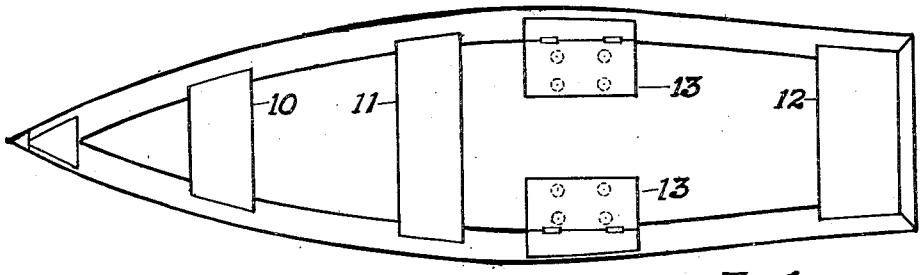


Fig 1

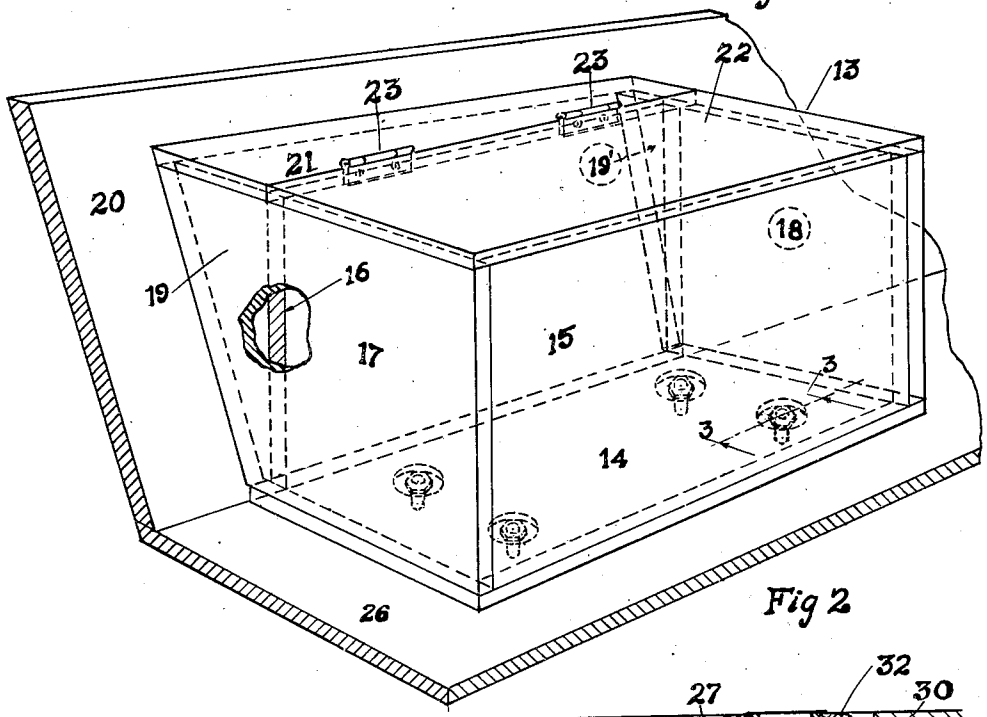


Fig 2

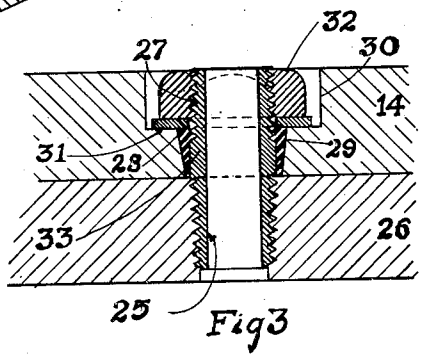


Fig 3

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BAIT BOX

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6 Claims. (Cl. 9—1)

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My present invention relates to a boat having a receptacle for bait or the like. It is a principal object of my invention to provide such a receptacle or so-called bait box which may be easily installed and removed and which will permit ingress of water to the receptacle. A further object is to so contrive the attaching or fastening means between the box and the bottom of the boat that leakage into the boat will be prevented.

Other objects of my invention and the various advantages thereof will be apparent as the description proceeds and the features of novelty will be pointed out in the appended claims.

For the best understanding of my invention reference may now be had to the following detailed description taken with the annexed drawings in which

Figure 1 is a plan view of a rowboat containing a pair of bait boxes and constituting a preferred embodiment of my invention.

Figure 2 is an enlarged view in perspective showing a bait box in place and a portion of the bottom and of one side of the boat.

Figure 3 is an enlarged view in section taken along line 3—3 of Figure 2.

In Figure 1 a rowboat of conventional type is illustrated having fore seats 10, 11 and an aft seat 12. Also shown is a pair of receptacles or bait boxes denoted generally by 13, 13. Each bait box 13 may comprise a bottom 14 of rectangular shape and four vertical sides 15, 16 and end walls 17 and 18; also false walls 19, 19' which may extend to the side 20 of the boat as continuations of end walls 17, 18 respectively. A cover for the box may then comprise a fixed rectangular piece 21 supported by the false walls 19, 19', together with a cover proper 22 hinged to the fixed portion 21 by hinges 23, 23.

Means for attaching the box 13 to the boat will now be described.

Referring to Figure 3 a nipple 25 passes through registering bores in the bottom 14 of the receptacle and the bottom 26 of the boat. Nipple 25 preferably has a lower threaded portion shown which is screwed into the bore of the bottom 26 in such a manner as to make watertight connection between it and the boat bottom. Preferably the nipple 25 has an upper threaded portion 27 which passes freely through the bore of the receptacle bottom 14, such bore preferably having an upward flare shown at 28 to accommodate a gasket 29, desirably of truncated conical shape to fit between the parts. The bore of the receptacle bottom is preferably countersunk for a portion of its thickness as shown at 30 whereby to accommodate a washer 31 and a nut 32. It will be seen that having secured the nipple 25 in the bore of the boat bottom 26 the receptacle 13 is laid into place with nipple (or nipples) 25 passing therethrough. Then the gasket 29 is inserted in the flared opening of the bore in the receptacle bottom 14 around nipple 25 and the washer 31 placed over the gasket 29 and nut 32 screwed home, thereby compressing the gasket 29 and making a seal between the nipple and the receptacle bottom 14 while permitting the two bottoms or floors 14 and 26 to be in contact over the entire area of the bottom 14. In this manner the water outside the boat has communication with the well or receptacle 13 but does not leak into the boat. Since the receptacle 13 is against the bottom of the boat there will be a maximum depth of water in the receptacle. Preferably the nipple 25 will have a non-threaded intermediate portion 33 so as to facilitate contact with the gasket 29 and also to act as a stop in screwing the nipple into the bore through the boat bottom 26.

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While four similar fastening devices are shown in Figs. 1 and 2 it is obvious that this number is not critical, that the purpose of the receptacle will be served if but a single fastening device is used which permits ingress of water. In such case other and conventional means will be employed to secure the receptacle 13 to the boat as will be evident to those skilled in the art.

It will be evident from the foregoing that in accordance with my invention a receptacle or bait box may be quickly and easily installed in any boat adapted to receive it and that moreover such box may be readily removed and suitable plugs put into the boat bottom bores or the nipples may be retained and capped. When in use the water level in the receptacle will be that outside the boat and the presence of such water will serve to keep fresh either the bait or fish which is caught. It will be noted that my improved construction has the desirable result of placing no obstruction on either the outer surface of the boat bottom or the inner surface of the receptacle.

Various changes will occur to those skilled in the art without departing from the spirit of my invention or the scope of the appended claims.

I claim:

1. In a boat a receptacle adapted to contain bait or the like, a releasable attachment securing said receptacle to the bottom of the boat and permitting ingress of water to the receptacle, said attachment comprising a nipple passing through registering bores in the receptacle bottom and the boat bottom, said nipple being removably se-

cured in the bore of the boat bottom making a watertight connection therewith, said nipple also being releasably secured to the bore of the receptacle bottom and having a seal between said nipple and the receptacle bore.

2. In a boat a receptacle adapted to contain bait or the like, a releasable attachment securing said receptacle to the bottom of the boat with the bottom of the receptacle lying flush against the bottom of the boat and permitting ingress of water to the receptacle, said attachment comprising a nipple passing through registering bores in the receptacle bottom and the boat bottom, said nipple being removably secured in the bore of the boat bottom making a watertight connection therewith, said nipple also being releasably secured to the bore of the receptacle bottom and having a seal between said nipple and the receptacle bore.

3. In a boat, a receptacle adapted to contain bait or the like, a device for securing said receptacle in place and permitting ingress of water thereinto, comprising a nipple passing through registering bores in the bottom of the receptacle and the bottom of the boat and being in threaded engagement with the bottom of the boat but passing freely through the bore through the bottom of the receptacle, a gasket between the bore of the receptacle bottom and the nipple and a nut threaded to the nipple for compressing the gasket.

4. In a boat a receptacle adapted to contain bait or the like, a device for attachment of the bottom of the receptacle to the bottom of the boat permitting ingress of water therethrough into the receptacle, said device comprising a nipple passing through the bottom of the receptacle and the bottom of the boat and having threaded engagement with the bottom of the boat but passing freely through the bottom of the receptacle, and a seal between the nipple and the receptacle bottom.

5. In a boat, a receptacle adapted to contain bait or the like, a device for securing said receptacle in place and permitting ingress of water thereto, comprising a nipple passing through registering bores in the bottom of the receptacle and the bottom of the boat and being in threaded engagement with the bottom of the boat but passing freely through the bore through the bottom of the receptacle, said bore last mentioned having an upward flare, a gasket between said bore of the receptacle bottom and the nipple, and a nut threaded to the nipple for compressing the gasket.

6. In a boat, a receptacle adapted to contain bait or the like, a device for securing said receptacle in place and permitting ingress of water thereto, comprising a nipple passing through registering bores in the bottom of the receptacle and the bottom of the boat and being in threaded engagement with the bottom of the boat but passing freely through the bore through the bottom of the receptacle, said bore last mentioned having an upward flare, a gasket between said bore of the receptacle bottom and the nipple, and a nut threaded to the nipple for compressing the gasket, said receptacle bottom bore being countersunk to accommodate said nut.

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No references cited.