

Nov. 14, 1933.

W. J. PARROTT

1,934,815

BAIT BUCKET

Filed Dec. 10, 1932

2 Sheets-Sheet 1

Fig. 1.

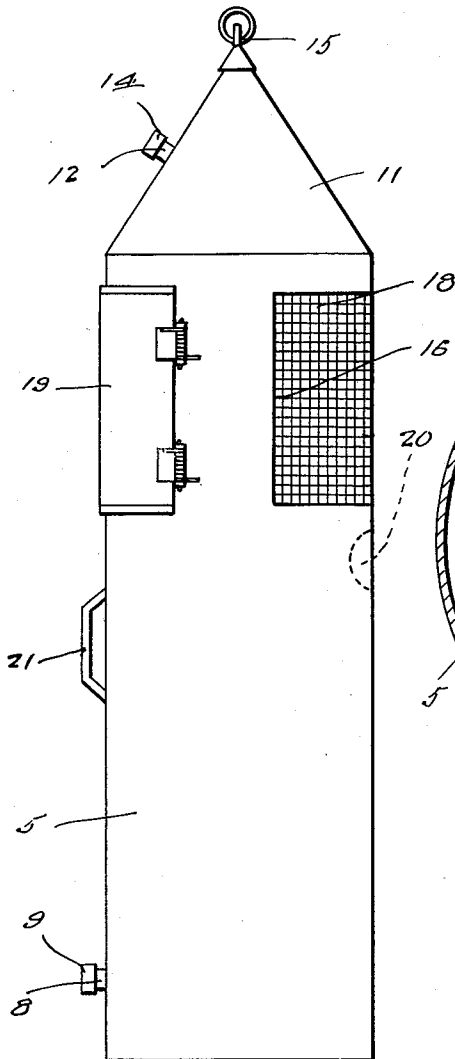
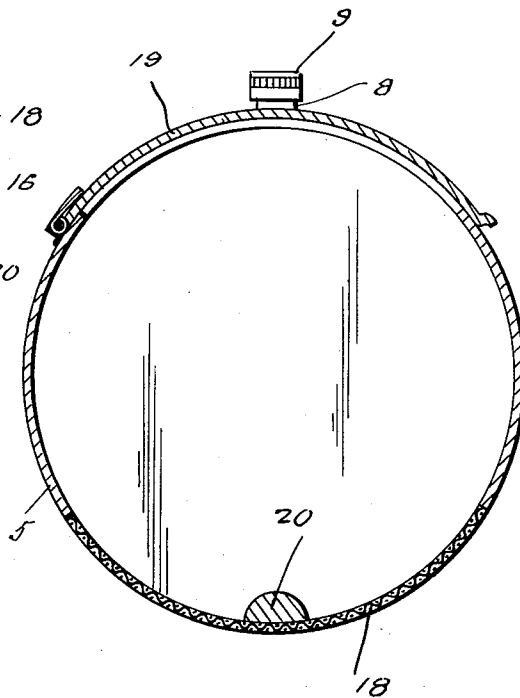


Fig. 4.



Inventor

William J. Parrott

By

Almon O'Brien
Attorney

Nov. 14, 1933.

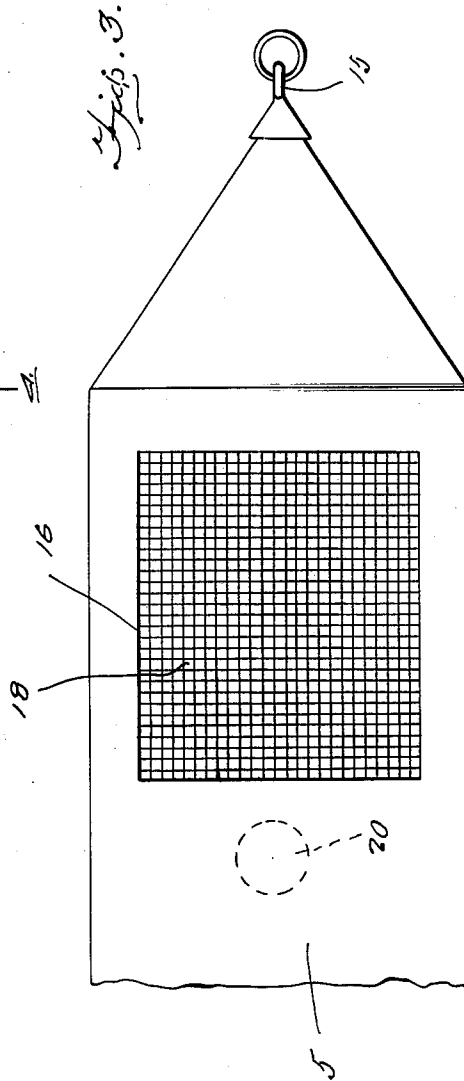
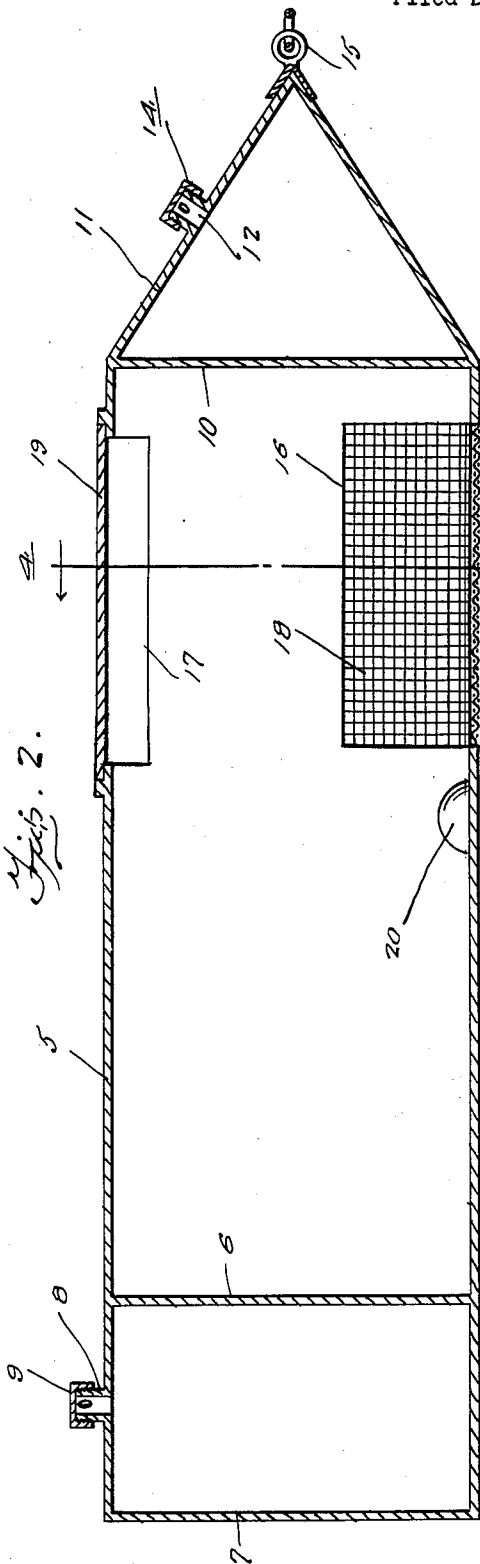
W. J. PARROTT

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BAIT BUCKET

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2 Sheets-Sheet 2



Inventor

William J. Parrott

By *Clarence A. O'Brien*
Attorney

UNITED STATES PATENT OFFICE

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BAIT BUCKET

William J. Parrott, Mason City, Iowa

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2 Claims. (Cl. 43—56)

The present invention relates to a bucket for bait such as minnows and the like and has for its general object to provide a torpedo shaped end for a bucket to allow the same to be easily moved through the water, said end being on a body, the other end of which is flat so that the body may be disposed in a longitudinal upright position.

Another very important object of the invention resides in the provision of a device of this nature wherein it is possible to regulate the buoyancy thereof so that the depth at which the bucket will float is under the control of the user.

Another important object of the invention resides in the provision of a bucket of this nature which is exceedingly simple in its construction, inexpensive to manufacture, strong and durable, thoroughly efficient and reliable in use and otherwise well adapted to the purpose for which it is designed.

With the above and numerous other objects in view as will appear as the description proceeds, the invention consists in certain novel features of construction, and in the combination and arrangement of parts as will be hereinafter more fully described and claimed.

In the drawings:

Figure 1 is a side elevation of the bucket in an upright position.

Figure 2 is a vertical longitudinal section through the bucket in the position in which it would be disposed in the water.

Figure 3 is a bottom plan view of the forward end thereof, and

Figure 4 is a vertical transverse section taken substantially on the line 4—4 of Figure 2.

Referring to the drawings in detail it will be seen that the numeral 5 denotes a cylindrical body having a partition 6 adjacent one end thereof and an end wall 7 at said end thereby forming an air chamber between the partition 6 and the wall 7. Numeral 8 denotes a neck radiating outwardly from the body 5 and from the chamber between the partition 6 and the end wall 7 and a regulating cap 9 is mounted thereon to control the air in the air chamber. At the other end of the cylindrical body 5 is a wall 10 and from said other end projects a cone shaped structure 11 which forms an air chamber and from which projects a neck 12 so that the air may be controlled by valve cap 14. A suitable eye bracket structure 15 is provided at the apex of the cone shaped chamber structure 11. The body 5 is provided with an opening 16 and an opening 17, the openings being diametrically opposed and the opening 16 being

smaller than the opening 17. The opening 16 is covered by a mesh wire screen or the like 18. The opening 17 has a spring hinged door 19 associated therewith. A half ball shaped weight 20 is mounted on the interior of the body 5 adjacent the opening 16 so that the same will be at the bottom of the bucket when disposed in the water.

A handle 21 is provided exteriorly of the body 5 and is located on the same side of the body in which is provided the opening 17, and this location of the handle is advantageous because when the bait bucket is picked from the water the bucket will be normally balanced to the extent that water running out through the screen will leave the minnows directly beneath the hinged door 19. In this connection it will be also noted that the screen is small and located directly beneath the door the advantage of which is that when the bucket is picked out of the water by the handle, and as before mentioned, the water will immediately run out through the screen leaving the minnows lying on the screen directly beneath the opening 17 where they can be easily picked from the bucket for use as bait without the necessity of attempting to catch them while swimming in water.

With respect to the spring hinge door it is to be noted that the door is normally retained in a closed position and will automatically return to a closed position after a minnow or minnows are removed from the pail. Further the weight of the water from the outside of the bucket against the door will aid in holding the door closed and preventing escape of the minnows.

Also by providing the air chambers with the aforementioned valve controlled necks the amount of air in the chamber can be readily controlled and thereby provision be made for determining whether the pail is to float high or low in the water. It is also to be noted that at one end thereof the bottom of the bucket is flat thus permitting the same to be readily disposed and supported in an upright position, so that the bucket can be used as a pail for transporting the minnows without requiring any extra receptacle.

Another feature of the invention is in having the screen 18 located at the front of the bucket so that the bucket will be immediately filled with water when again placed in the water subsequent to the storing of the bait within the pail.

The screen will also serve to stop the whirling of the water as the bucket is being towed beside the boat.

The provision of a half ball weight, and the location of the same in the center of gravity in the bottom of the bucket will permit the bucket to follow the contour of the wave without diving
5 and this in turn will facilitate the handling of the bucket.

Another feature of the invention is the streamline effect of the bucket so that the bucket will not catch weeds or other floating matter in the water, this being assured by reason of the conical
10 end of the bucket. The front conical end of the bucket also facilitates the filling of the bucket eliminating all drag on the boat.

It is thought that the construction, utility and advantages of this invention will now be quite
15 apparent to those skilled in this art without a more detailed description thereof.

The present embodiment of the invention has been described in considerable detail merely for the purposes of exemplification since in actual
20 practice it attains the features of advantage enumerated as desirable in the statement of the invention and the above description.

It will be apparent that changes in the details of construction, and in the combination and arrangement of parts may be resorted to without
25 departing from the spirit or scope of the invention as hereinafter claimed or sacrificing any of its advantages.

Having thus described my invention, what I claim as new is:

1. A bait bucket of the class described including a cylindrical body having a wall closing one end thereof, a partition adjacent to and spaced
80 from said wall to provide an air chamber, a partition at the other end of the body, a conical chamber extension of said other end, valve controlled necks extending from the chambers, said
85 body adjacent said other end being provided with two openings diametrically opposed one larger than the other, a cover for the larger opening, and a screen mesh across the smaller opening.

2. A bait bucket of the class described including a cylindrical body having a wall closing one end thereof, a partition adjacent to and spaced
90 from said wall to provide an air chamber, a partition at the other end of the body, a conical chamber extension on said other end, valve
95 controlled necks extending from the chambers, said body adjacent said other end being provided with two openings diametrically opposed one larger than the other, a cover for the larger opening, a screen mesh across the smaller opening, and
100 a half-ball weight in the body and on that same side thereof in which is said smaller opening.

WILLIAM J. PARROTT.

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