March 25, 1969 A. SCHWARTZ 3,434,716

SINKABLE TOY TARGET

Filed Aug. 26, 1966

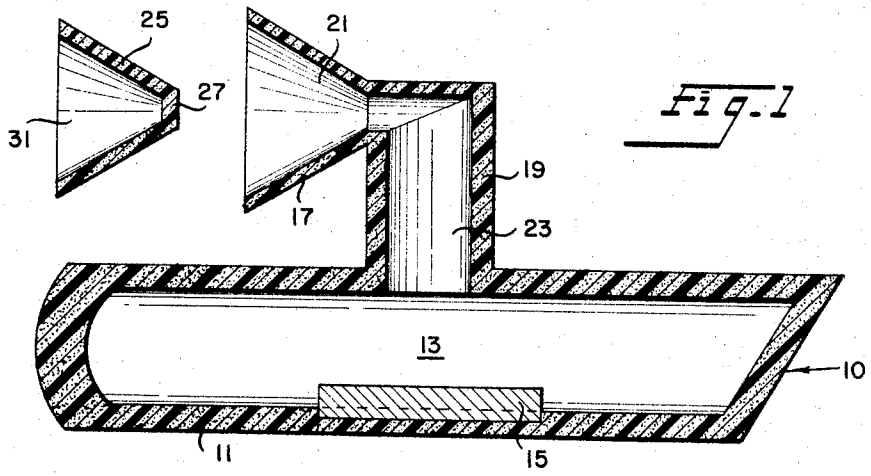


Fig. 1

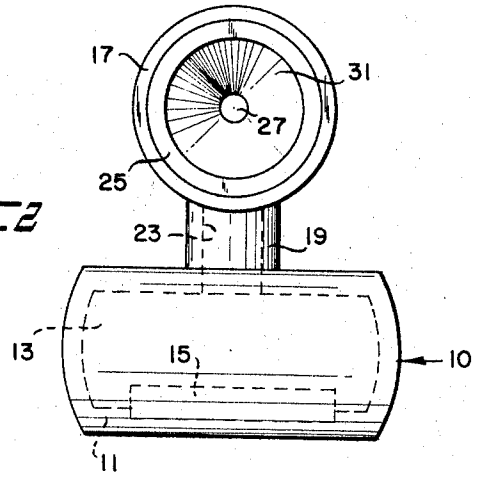


Fig. 2

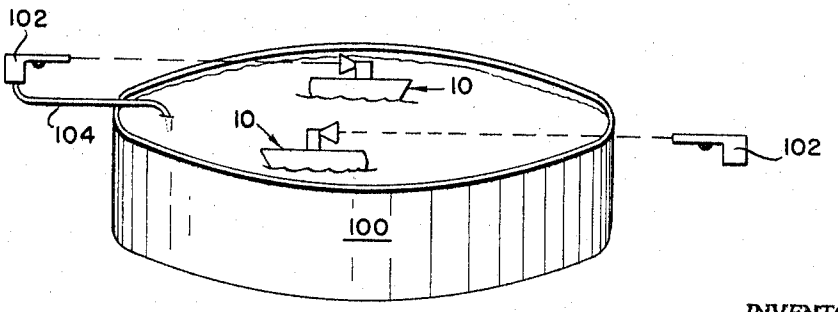


Fig. 3

INVENTOR
ARTHUR SCHWARTZ

BY Schlesinger, Arkwright & Garvey

ATTORNEYS

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Arthur Schwartz, 660 Americana Drive, Annapolis, Md. 21403

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ABSTRACT OF THE DISCLOSURE

A buoyant toy having a hollow body, means to project water into the body to sink the toy and means to keep water out and propel the toy with a water gun.

This invention relates to toys and more particularly to toy boats and utilizing the boats in a game.

It is an object of the invention to provide a toy boat with a fluid receiving means positioned on the boat above the water which is adapted to receive water or the like shot into it from a water projecting means such as a water gun.

It is a further object of the invention to provide a toy boat with a means for propelling same with a water gun fired a distance away.

It is still another object of the invention to provide a toy boat with a water receiving means wherein water can be projected into the boat to sink same.

Another object of the invention is to provide a boat race game.

A further object of the invention is to provide a game whereby a plurality of boats may be sunk by opposing players.

Still another object of the invention is to provide a toy boat made of inexpensive foamed plastic material.

Summary

In general, the invention includes a toy boat having a buoyant hull, a substantial portion of the hull being hollow. A fluid receiving means, preferably funnel-shaped, is located in the upper portion of the hull and connected to the hollow portion.

A complementary funnel-shaped insert may be positioned in the fluid receiving means to block the connection to the hollow portion of the hull.

A water gun or other water projecting means can be positioned to shoot water into the funnel-shaped opening to propel the boat if the stopper is in place. In the alternative, with the funnel-shaped insert removed, water can be projected into the opening and into the hull to sink the vessel.

The above and other objects and advantages of the invention will readily become apparent from the following detailed decription, taken together with the drawings wherein:

FIGURE 1 is a side elevation view of a boat according to the invention, taken partly in cross-section;

FIGURE 2 is a rear elevation view taken from the left of FIGURE 1; and

FIGURE 3 is a schematic view of a plurality of boats in a body of water in accordance with the game portion of the invention.

Detailed description of the boat

Referring now particularly to FIGURES 1 and 2, a boat according to the instant invention is seen generally at **10** having a hull **11** which may be made of any suitable buoyant material, such as a foamed plastic. Foamed polystyrene and foamed polyurethane are examples of such plastics. They are inexpensive and water resistant to a great extent.

The hull of the boat has a substantially hollow portion **13** and may include a weight **15** in the bottom which will maintain the vessel in an upright position and at a suitable depth in the water.

A water receiving means in the form of a funnel **17** is positioned on the upper part of the hull and is connected to the hull by means of a connecting portion **19**. The funnel shaped portion **17** has a hollow interior **21** communicating with a hollow portion **23** in connecting member **19**. Portion **23** in turn communicates with hollow portion **13** of the hull.

A conical shaped removable insert **25** having an outer portion complementary with the opening **21** may be inserted into the water receiving portion **17**. The insert **25** has a closed end portion **27** and an opening or funnel-shaped recess **31** therein.

Detailed description of the games shown in FIGURE 3

Referring now to FIGURE 3, a tank or backyard pool **100** includes a plurality of boats **10**. Also included in the game are a plurality of fluid projecting means in the form of water guns **102**. The water guns may be of the usual variety and may optionally have a hose **104** connecting them to the tank **100**. This will alleviate the necessity of frequent refilling of the guns.

With the insert **25** removed, each player will have a water gun aimed at this opponent's boat **10** as he fires the water into the funnel. The hollow portion of the boat will slowly fill with sufficient water to sink it. The winner of the game is the one who sinks his opponent's boat first.

In the alternative, with the insert **25** in the opening **21**, the boats can be used as racers. The object then will be for each player to fire water guns **102** into openings **31** striking portion **27** thus propelling his boat across the tank of water. The first player to have his boat reach the other side wins the game.

While the invention has been described it will be understood that it is capable of further modifications and this application is intended to cover any variations, uses, or adaptations of the invention following in general, the principles of the invention and including such departures from the present disclosure as come within knowledge or customary practice in the art to which the invention pertains, and as may be applied to the essential features hereinbefore set forth and as fall within the scope of the invention or the limits of the appended claims.

Having thus described my invention what I claim is:

1. A buoyant toy comprising in combination:
(a) a body, a substantial portion of which is hollow,
(b) a liquid receiving means mounted on the top portion of said body and having an opening facing toward one direction to receive projected liquid, means leading from said opening to said body whereby liquid entering the body may sink the toy, and
(c) removable means mounted in said liquid receiving means and closing said opening to prevent liquid from entering the body and to act as a target to receive the impact of a projected liquid to move the toy.

2. A toy as defined in claim **1** wherein said body has an elongated shape similar to that of a boat hull.

3. A toy as defined in claim **1** including a weight along the base of said body.

4. A toy as defined in claim **1** wherein said liquid receiving means is funnel-shaped.

5. A toy as defined in claim **1** wherein said body is made of a foamed plastic material.

6. A toy game comprising:
(a) receptacle means for containing a body of liquid,
(b) at least one toy having a buoyant body, a substantial portion of which is hollow,

(c) a liquid receiving means mounted on and extending upwardly from the top portion of said body and having an opening facing toward one direction, means leading from said opening to said body whereby liquid entering the body may sink the toy,

(d) removable means mounted in said liquid receiving means and closing said opening to prevent liquid from entering the body to act as a target to receive impact of a projected liquid to move said at least one toy,

(e) liquid directing means for projecting liquid toward said opening.

7. A game as defined in claim **6** including at least two toys and two liquid directing means.

8. A game as defined in claim **6** wherein said liquid directing means is in the form of a toy gun.

9. A game as defined in claim **6** wherein said liquid receiving means is funnel-shaped.

References Cited

UNITED STATES PATENTS

2,405,715	8/1946	Sabini	46—94
3,095,197	6/1963	Weitzman	273—105 X
3,342,492	9/1967	Barrett	273—101 X
1,551,899	9/1925	Michener	273—108

FOREIGN PATENTS

413,601	5/1925	Germany.
23,501	4/1915	Great Britain.
261,659	11/1926	Great Britain.
658,070	10/1951	Great Britain.

RICHARD C. PINKHAM, *Primary Examiner.*

THOMAS ZACK, *Assistant Examiner.*

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