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BOAT ANCHOR

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Fig. 1

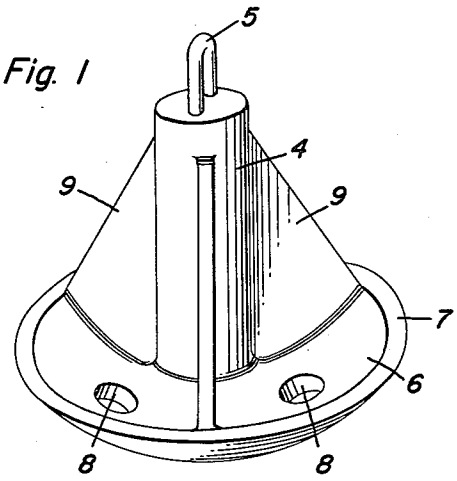


Fig. 2

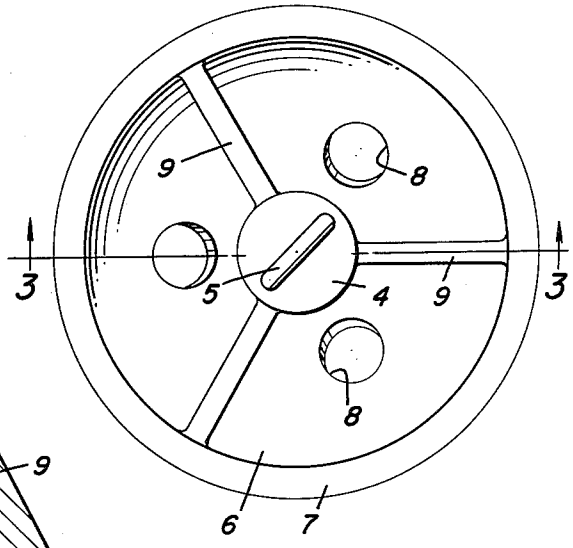
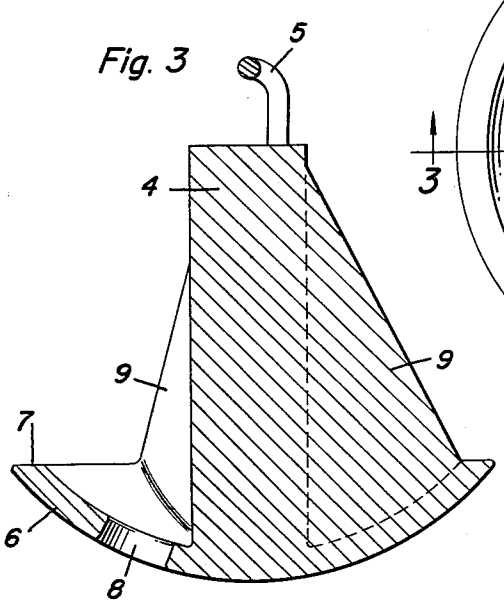


Fig. 3



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BOAT ANCHOR

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This invention relates to new and useful improvements in mushroom anchors particularly, although not necessarily, for small boats and has for its primary object to provide, in a manner as hereinafter set forth, an anchor of this type which will be substantially weedless.

Another very important object of the present invention is to provide an improved mushroom anchor of the aforementioned character comprising unique means for preventing fouling on underwater debris when being retrieved, and this with little or no loss in holding power.

Still another important object of the invention is to provide a weedless mushroom anchor of the character described comprising a single piece of suitable material.

Other objects of the invention are to provide a weedless, no-fouling mushroom anchor which will be comparatively simple in construction, strong, durable, compact, attractive in appearance and which may be manufactured at low cost.

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 drawing forming a part hereof, wherein like numerals refer to like parts throughout, and in which:

FIGURE 1 is a perspective view of an improved mushroom anchor constructed in accordance with the present invention;

FIGURE 2 is a top plan view thereof; and

FIGURE 3 is a vertical sectional view, taken substantially on the line 3—3 of FIGURE 2.

Referring now to the drawing in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a solid, cylindrical shank 4 of suitable length and diameter. Formed integrally with one end of the shank 4, which may also be of any desired metal, is a loop 5 for connecting a suitable rope, cable or chain to the anchor.

Formed integrally with the other end of the shank 4 is a substantially concavo-convex or mushroom head 6. The head 6 of the anchor comprises a flat, upwardly facing unobstructed peripheral edge 7 which encircles the shank 4 in spaced, concentric relation and at a right angle thereto. The head 6 of the anchor further includes a plurality of suitably located circular openings 8.

Formed integrally with the shank 4 and the head 6, between the openings 8, is a plurality of radial, generally triangular deflecting ribs or fins 9. As illustrated to advantage in FIGURE 3 of the drawing, the ribs or fins 9 extend substantially the length of the shank 4.

It is thought that the manner in which the improved anchor functions will be readily apparent from a consideration of the foregoing. Briefly, the generally triangular fins or ribs 9 deflect weeds, etc., outwardly toward the periphery of the head 6 in an obvious manner. The ribs or fins 9 also function as guides for causing the head 6 to ride over or around obstructions when being retrieved. However, the construction and arrangement is such that this is accomplished with a minimum sacrifice of holding power. In this connection it will be noted that the peripheral edge 7 of the head 6 is continuous and unobstruced by the guard ribs or fins 9. Of course, the anchor may be of any desired weight and comprise any suitable number of the elements 9.

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 shown and described, 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:

1. A weedless mushroom boat anchor comprising a vertical cylindrical shank of a substantial, uniform diameter from end to end, a generally concavo-convex head integral with the lower end of the shank, a plurality of generally triangular, radial deflecting fins integral with the concave side of the head and the shank and substantially coextensive with the latter, and means on the upper end of the shank for connecting a rope thereto, said head including a flat, upwardly facing, horizonal peripheral edge of a substantial width spaced concentrically from the shank and projecting outwardly from the fins and being unobstructed thereby to freely embed at any point in the bottom of a body of water for resisting pull of a rope on the shank.

2. An anchor in accordance with claim 1, said head having circular openings therein between the fins, said rope connecting means including a generally U-shaped loop affixed to said upper end of said shank.

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