Dec. 12, 1944. H. BEHRENS 2,365,136

BOAT ANCHOR

Filed Dec. 23, 1942

Fig. 1.

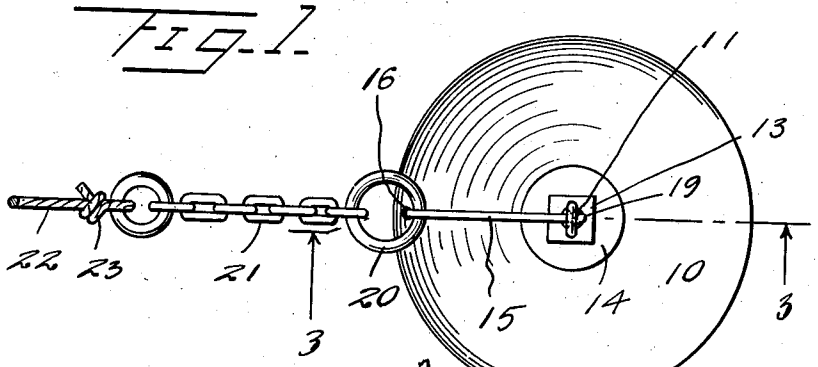


Fig. 2.

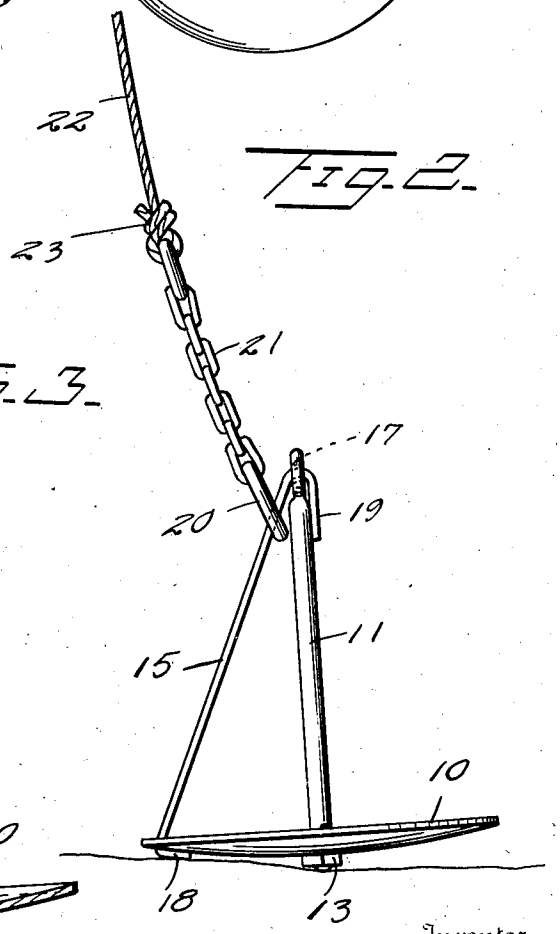
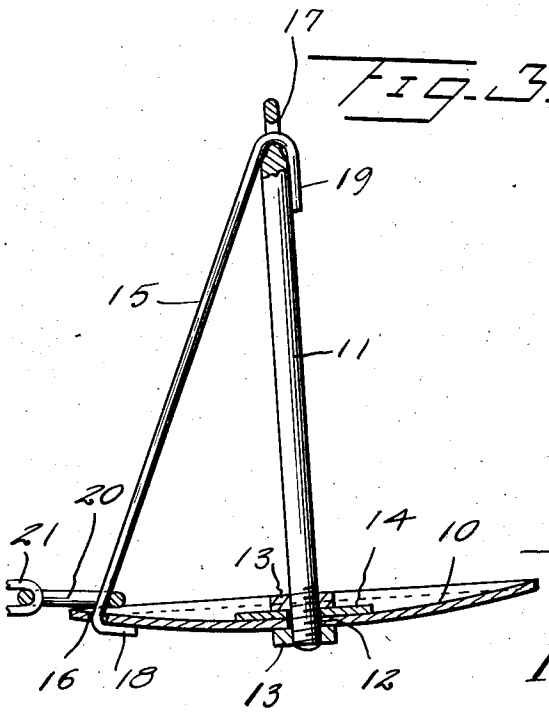


Fig. 3.



Inventor

Herman Behrens

By L. F. Randolph

Attorney

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BOAT ANCHOR

Herman Behrens, Essex, N. Y.

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3 Claims. (Cl. 114—206)

This invention relates to a boat anchor.

It is particularly aimed to provide a construction which may be more effectively released when stuck or caught between rocks or in muddy waters.

More specifically, it is aimed to provide a construction having a disc and stem extending therefrom and to which an angular rod is connected and along which rod a means which anchors the rope may be moved.

The more specific objects and advantages will become apparent from a consideration of the description following taken in connection with the accompanying drawing illustrating an operative embodiment.

In said drawing:

Figure 1 is a plan view of the anchor;

Figure 2 is a side elevation thereof; and

Figure 3 is an enlarged section taken approximately on the line 3—3 of Figure 1.

Referring specifically to the drawing wherein like reference characters designate like or similar parts, the anchor consists of a metallic or other disc 10 of any appropriate size. Extending rigidly and centrally from the disc is a stem 11. The latter preferably is detachably connected to the disc as by passing it through a central opening 12 of the latter and screw threading nuts 13 to the stem with the disc clamped between them and preferably with a washer 14 interposed between the disc and one of the nuts.

A diagonal rod is employed at 15 which at one end extends through an opening or eye 16 of the disc 10 and at the other end extends through an opening or eye 17 adjacent the top of stem 11. The ends or terminals of rod 15 are upset as at 18 and 19 respectively, to anchor the rod rigidly in place.

Slidable along the rod 15 is a metallic ring or link 20 and coupled to it is a short length of chain 21, preferably of metal, whose weight will influence movement of the link 20 in moving the anchor if stuck.

The anchor rope on the ship or boat, designated 22, is adapted to be connected to the chain 21 by means of a knot 23 or otherwise.

In using the anchor it functions in the same manner as the ordinary one, being tethered to the ship or boat by the rope 22 and cast overboard or weighed thrown manipulation of such rope.

The disk digs into the ground when the anchor is lowered to the bottom and the anchor tips into a position wherein stem 11 is parallel to the ground. The anchor stays in this position while the boat lies at anchor. The rod 15 does not become buried and extends upwardly from the front end 19 to the rear end 18 at an angle to the ground.

When the anchor is to be taken in and the disk has become hcoked between rocks or somehow stuck, the rope is pulled in and the boat rides up over the anchor until the pull on the rope is practically perpendicular to the ground. Then the line 20 will slide upwardly along the rod 15 toward the rear end 18. A pull on the rope will then tend to pull the disk edgewise out of the ground.

Various changes may be resorted to provided that they fall within the spirit and scope of the invention.

I claim as my invention:

1. An anchor of the class described comprising a disc, a stem extending centrally from the disc, a rod disposed angularly with respect to the stem attached to the latter and to the disc, and rope attaching means slidable along said rod, between the stem and disc.

2. An anchor comprising a disc, a stem extending centrally therefrom, said anchor at a location remote to the disc having an opening, said disc at a location remote to the stem having an opening, a rod extending through said openings and secured in place therein, and attaching means for a rope slidable along said rod.

3. An anchor of the class described comprising a disc, a stem disposed centrally with respect to the disc, means detachably clamping the stem and disc together, said stem and disc having openings therethrough, a rod extending through said openings and being upset at its terminals against the disc and stem, and a rope attaching means consisting of a chain and a link carried by the chain, said link being slidable along said rod.

HERMAN BEHRENS.