March 18, 1952 S. N. JACKSON 2,589,698

BOAT OAR

Filed Nov. 22, 1948

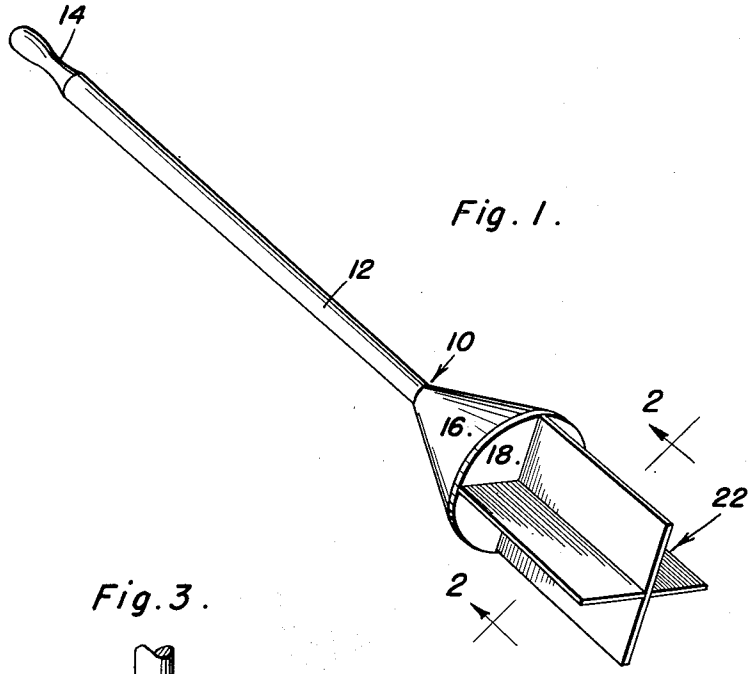
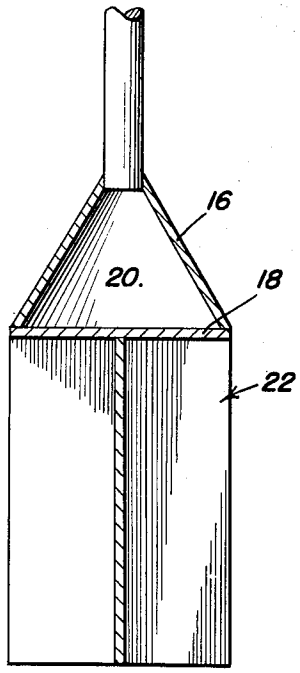


Fig. 1.

Fig. 3.



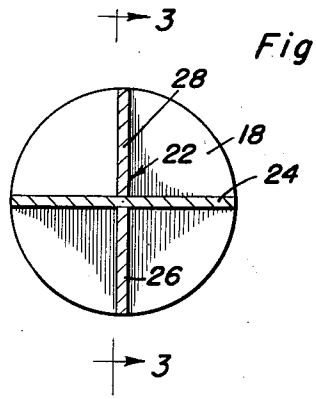


Fig. 2.

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BOAT OAR

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1 Claim. (Cl. 9—24)

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This invention relates to new and useful improvements in boat oars and has for its primary object to enable a row boat operator to more conveniently and efficiently propel and maneuver the boat.

Another important object of this invention is to provide an oar including a shank, having a handle formed at one end thereof and a plurality of cooperating longitudinally extending radially spaced blades carried by the other end, the blades being of equal length and width and adapted to pocket the water, so that the boat may be propelled at a greater rate of speed, with less strain and effort on the part of the rower.

Another important object of this invention is to provide means for counterbalancing the weight of the cross blades carried by one end of the oar shank or shaft, the means preferably including a buoyant chamber interposed between the blades and the shank.

These and ancillary objects and structural features of merit are attained by this invention, a preferred embodiment of which is set forth in the following description and illustrated in the accompanying drawings, wherein:

Figure 1 is a view in perspective of an oar, constructed in accordance with the principles of this invention;

Figure 2 is a transverse sectional view of the blades, taken on line 2—2, of Figure 1; and

Figure 3 is a longitudinal sectional view taken on line 3—3, of Figure 2.

Referring now more particularly to the drawings, this invention, generally designated by the character reference 10 includes an elongated shank or shaft 12, having a hand grip section or handle section 14 formed at one end thereof. A conical extension 16 is secured at its minor end to the opposite end of the shank, with a disk-like plate 18 secured to the major end of the extension, forming an air tight buoyant chamber 20. A plurality of cooperating longitudinally extending radially spaced blades 22 are carried by the outer surface of the plate 18 and are adapted for selective insertion into the surface of the water. The blades include a blade 24 transversely disposed at one end on the plate 18 and a pair of complementary aligned blades 26 and 28 which centrally intersect and are secured to the blade 24.

In use, the shank 12 would be held in a conventional oar lock secured to the boat, the conical extension 16 functioning as counterbalancing means for counterbalancing the weight of the blades, when the oar is in use, the blades being

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inserted within the water, and used in a conventional manner.

It is to be apparent that the blades would pocket the water, any tendency of rotation being prevented by the grip of the user on the handle 14. The V-shaped formation of the blade 24, with the blades 28 and 26 will enable the blades to pocket the water therebetween and the cross placement of the blades will enable the blades to be at all times positioned in the water in a manner to pocket the water therebetween.

The conical extension would rest on the upper surface of the water or adjacent thereto and would offset the added weight of the blades on the end of the shaft or shank.

Thus, it can be seen that there has been provided a novel and useful oar, which will render more convenient the task of rowing a boat and will enable the same to be carried out more efficiently, regardless of the experience of the rower. However, since many other purposes and embodiments of this invention will become apparent to those skilled in the art, it is to be understood that certain changes may be carried out, as coming within the spirit and scope of the appended claim.

Having described the invention, what is claimed as new is:

An oar comprising an elongated shaft, having at one end a grip, and an elongated propelling device secured to the other end of said shaft, said propelling device comprising a hollow frusto-conical member having its minor end secured to the shaft, a plate closing the major end of the frusto-conical member forming a chamber, said chamber forming a buoyant support for the oar, a plurality of blades extending from said plate, said blades intersecting each other along the axis of the shaft.

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