A. GUNDERSON.

OAR LOCK.

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1,263,884. Patented Apr. 23, 1918.

Fig. 1

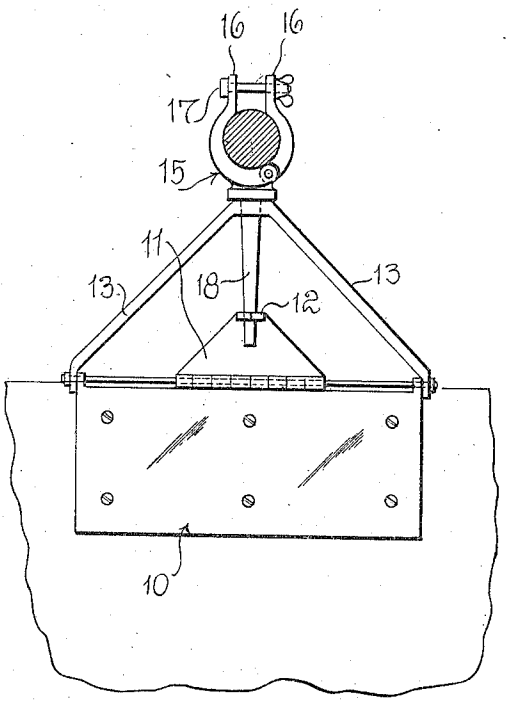
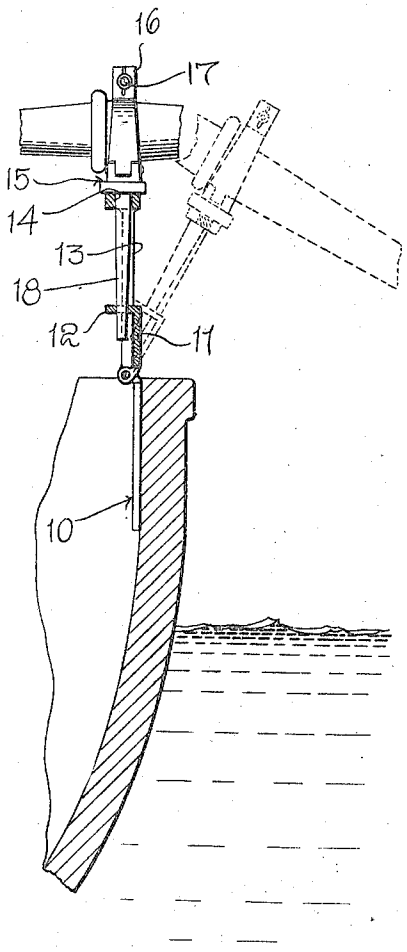


Fig. 2



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OAR-LOCK.

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Application filed February 13, 1918. Serial No. 216,896.

To all whom it may concern:

Be it known that ANTON GUNDERSON, a citizen of the United States, residing at Dalton, in the county of Otter Tail and State of Minnesota, has invented certain new and useful Improvements in Oar-Locks, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to oar locks, and particularly to that class of oar locks in which the oar is clamped so that it cannot slip out of the lock.

The general object of this invention is to provide a mechanism of this kind which is very simple, may be cheaply made, may be attached to any form of bolt and which will securely clamp the oar and prevent the oar from turning or sliding, the oar lock however permitting free movement of the oar in the act of rowing.

The invention is illustrated in the accompanying drawing, wherein:

Figure 1 is a front elevation of my improved oar lock;

Fig. 2 is a side elevation thereof partly in section and showing the gunwale of the boat in section.

Referring to these drawings, 10 designates an attaching plate or base plate which is attached by screws, rivets or any other means to the gunwale of the boat and hingedly connected to the upper edge of this plate is a triangular plate 11, the apex of which is angularly bent as at 12 to form a slight flange. Hingedly connected to the ends of the plate 10 are the upwardly and inwardly extending brace rods 13 which are connected to each other at their upper ends or at the apex of the angle thus formed. At the intersection of these braces 13 there is provided a vertical opening 14 and a like vertical opening is provided in the flange 12. The oar lock proper is designated 15. This is in the form of a split ring having outwardly projecting lugs 16 through which passes a bolt 17. Extending downward from the oar lock proper is a spindle 18 which passes through the vertical perforations before referred to. Preferably the oar lock proper 15 is formed of two hinged sections which are adapted to be brought together and clamped around an oar by means of the bolt 17.

In the operation of this invention, the oar is disposed within the clamp and the clamp tightened upon the oar so that the oar cannot move either longitudinally or rotatably. The pintle 18 permits the oar, however, to be oscillated in an approximately horizontal plane while the hinged connections between the brace rods 13 and the plate 10 and between the plate 11 and the plate 10 permit the dipping of the oar to any extent required, so that the full stroke may be taken and the oar held and operated in the ordinary and usual manner. It will be seen that this invention is very simple, that it has no complicated parts, that the oar with the oar lock thereon may be readily removed from the boat or mounted thereon by simply inserting the pintle through the opening 14 and the opening in the flange 12, though of course this pintle may be held more or less permanently upon the support by engaging the lower end of the pintle with a nut. This construction will not only avoid the loss of the oar which often occurs where open oar locks are used, but it prevents the oar from turning or sliding in the locks when rowing, thus wearing the oars and causing them to break.

Having thus fully described my invention, what I claim is:—

1. An oar lock of the character described comprising a supporting plate, members hinged thereto for movement in a vertical plane when the plate is applied to a boat, said members having alining perforations, and an oar lock proper having a spindle rotatably mounted in said perforations for movement in a relatively horizontal plane.

2. An oar lock of the character described comprising an attaching plate adapted to be attached to the gunwale of a boat, a plate hinged to the upper edge of the attaching plate and having a flange at its upper end, an angularly bent rod having its ends hingedly connected to the attaching plate outward of the hinged plate and having a perforation at its apex registering with a perforation in the hinged plate, an oar lock proper including clamping members, and having a spindle detachably disposed in said perforations.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

ANTON GUNDERSON.

Witnesses:
B. J. JOHNSON,
SANFORD SKROVE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."