

W. STEPHENSON.

OAR LOCK.

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1,042,289.

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Fig. 1.

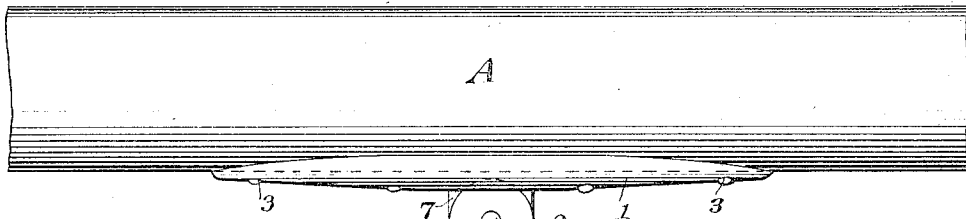


Fig. 2.

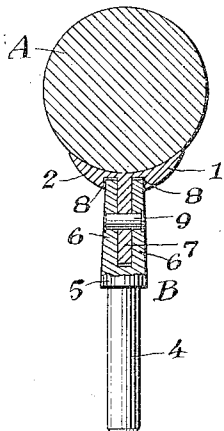


Fig. 4.

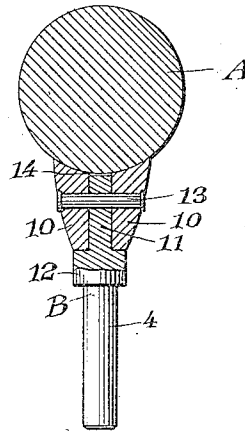
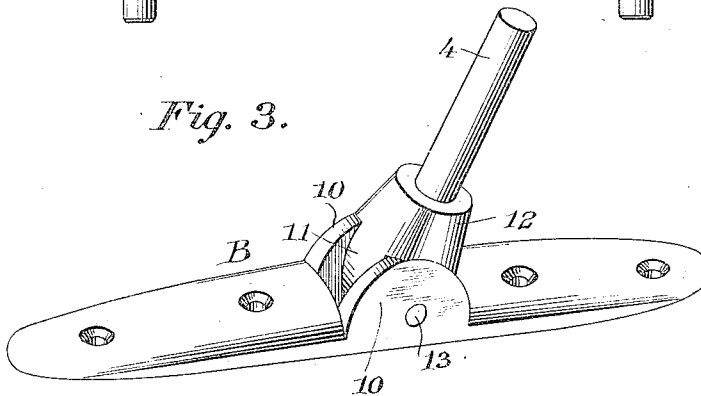


Fig. 3.



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Witnesses

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UNITED STATES PATENT OFFICE.

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OAR-LOCK.

1,042,289.

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To all whom it may concern:

Be it known that I, WILLIAM STEPHENSON, a citizen of the United States of America, residing at Madison, in the county of Dane and State of Wisconsin, have invented new and useful Improvements in Oar-Locks, of which the following is a specification.

My present invention relates to improvements in oar locks and has particular application to locks for the oars of fishing boats, although it is to be understood that the invention is not limited in its useful application to this purpose.

In carrying out the invention, it is my purpose to provide a lock of the type set forth whereby the oars may be manipulated with facility and convenience to propel the boat and prevented from detaching themselves from the boat in the event of such oars being released by the operator.

It is also my purpose to provide an oar lock which shall embrace the desired features of simplicity, efficiency and durability and which may be attached to any style of oar without changing the structure of such oar.

With the above and other objects in view, the invention consists in the construction, combination and arrangement of parts hereinafter set forth in and falling within the scope of the appended claim.

In the accompanying drawing; Figure 1 is a side elevation of an oar lock constructed in accordance with the present invention, the same being shown applied to an oar. Fig. 2 is a transverse sectional view of the same, and Fig. 3 is a detail perspective view of a modified form of the invention. Fig. 4 is a transverse sectional view of Fig. 3.

Similar reference characters designate like parts throughout the several views.

Referring now to the accompanying drawing in detail, a boat oar is indicated at A and attached to the body of such oar beyond the blade is my improved oar lock designated as an entirety by the letter B.

This oar lock, as shown, embodies an attaching plate 1 in the form of an elongated strip and provided with a concaved surface 2 in cross section designed to coincide with the curvature of the body of the oar so that

the attaching plate and oar may present, to all intents and purposes, an integral structure, the attaching plate 1 being provided with spaced longitudinally arranged apertures 3 adapted to receive screws or the like fastening devices whereby such plate may be rigidly and securely fastened to the oar. This oar lock also includes a pivot post 4 adapted to enter a socket in the gunwale of the boat to which the oar is applied. This pivot post 4, is pivotally connected to the lower surface of the attaching plate 1 and in the present instance is provided with a bifurcated end portion 5 forming the spaced parallel ears 6, 6 between which is inserted an ear 7 formed on the lower surface of the attaching plate, grooves 8, 8 being also formed in the lower surface of the attaching plate upon the opposite sides of the ear 7 to accommodate the free extremities of the ears 6 of the pivot post and permit free motion between the parts, a pivot pin 9 being passed through alining apertures in the ears 6 and 7 to secure the parts in their assembled positions.

In the modified form of the invention shown in Fig. 3, the lower surface of the attaching plate 1 is provided with depending parallel spaced ears 10, 10 between which is inserted an ear 11 carried by the end 12 of the pivot post 4, such ears being provided with alining apertures designed to receive a pivot pin 13, the plate 1 in this instance being preferably provided with an aperture 14 which aperture is arranged between the ears 10, 10 so as to permit free movement of the parts and minimize friction.

From the foregoing description taken in connection with the accompanying drawing, it will be seen that I have provided an oar lock whereby the upper side of the oar is free of incumbrances thereby eliminating the accumulation of weeds, rushes, and the like on the upper side of the oar. Furthermore, it will be noted that when the boat is used for fishing purposes, the possibility of the line becoming entangled in the oar lock is eliminated.

I claim:

An oar lock comprising an attaching plate provided with a concaved surface adapted to

100

conform to the curvature of an ear and having formed in its under surface grooves spaced apart, an ear depending from said plate and connected thereto between the
5 grooves therein, a pivot post having a bifurcated end receiving said ear and having the free extremities of the limbs thereof disposed within said grooves, and a pivot pin

passed through the bifurcated end of said pivot post and said ear.

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

WILLIAM STEPHENSON.

Witnesses:

ISABEL O'GRADY,
ESTHER STROMME.