

E. L. MONTAGUE & E. A. STEWART.
OAR LOCK.

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943,695.

Patented Dec. 21, 1909.

Fig. 1.

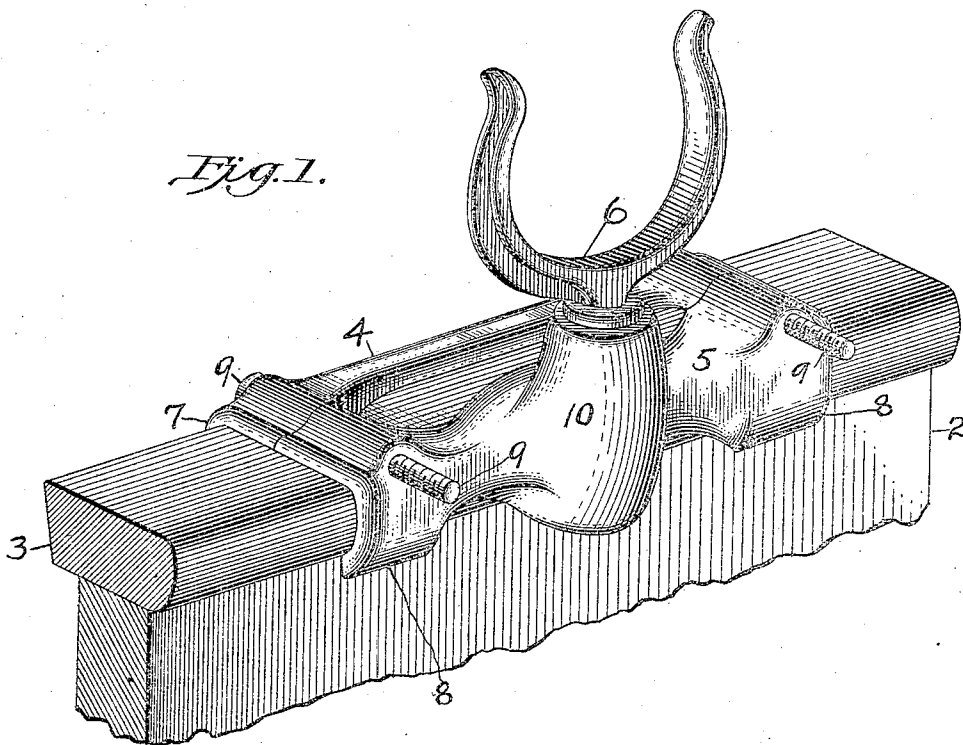
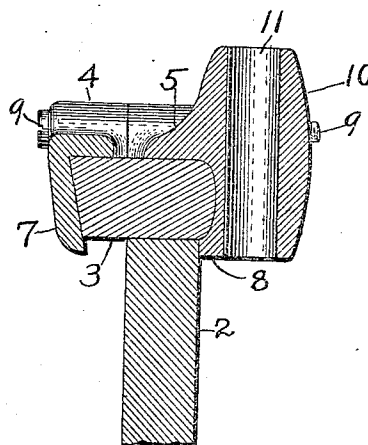


Fig. 2.



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UNITED STATES PATENT OFFICE.

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OAR-LOCK.

943,695.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, EDWARD L. MONTAGUE and EDSON A. STEWART, citizens of the United States, residing in the village of Baldwinville, in the county of Onondaga and State of New York, have invented a new and useful Oar-Lock, of which the following is a specification.

This invention relates to improvements in oar locks, designed for use in connection with row boats and like water craft, and the particular object is to provide a device of the class which is simple, durable and inexpensive, and wherein the parts are so constructed and arranged that the device may be readily and quickly applied to or removed from a boat, and a further object is to provide a row lock in which the customary attaching means such as bolts and screws are entirely eliminated.

The invention consists principally of an oar lock support, comprising two oppositely facing coöperating members capable of being clamped to the gunwale of a boat, the said support being adjustable both as to position, as well as to gunwales of different thickness and width, and the invention further consists of simple means for connecting and rigidly holding the said members in operative position relative to each other.

Other features and parts of the invention will be understood from the detail description which follows, and by reference to the accompanying drawing which forms a part of this specification, and in which—

Figure 1 is a perspective view of a portion of a boat having our improvement applied, showing the oar fork supported in working position. Fig. 2 is a vertical cross-section through the center of the clamping members, the oar fork being omitted.

Similar characters of reference are assigned to corresponding parts throughout the several views.

In the drawing, 2 represents the hull, and 3 the gunwale of a row boat.

4 and 5 represent the principal members which comprise the clamping support for the oar lock 6. The members 4 and 5 are preferably made of metal, and arranged so as to respectively fit and grip the inner and outer edges of the gunwale, and for this purpose each is provided with oppositely facing peculiarly formed flanges or grips 7 and 8.

In the preferred construction only the ends of members 4 and 5 approach each other, or abut, when they are applied to the gunwale of a boat, as shown in Fig. 1.

At or near each end the members 4 and 5 are provided with coinciding transverse perforations to receive a pair of clamping screws or bolts 9. The perforations in the member 4 are preferably plain, while the perforations in the member 5 are threaded, to afford means for drawing and holding the parts in a manner to tightly clamp the gunwale 3. The bolts 9 are preferably made long enough to permit the clamping members 4 and 5 to be applied to gunwales of greater width than shown in the drawing, and still rigidly hold the said parts in place. The member 5 is preferably disposed on the outer edge of the gunwale, and has an enlarged outwardly projecting or overhanging hub portion 10 disposed mid-way between the bolts 9. This portion is bored out as at 11, to receive the stem or pin of the oar lock or fork 6, which loosely fits the hole 11, so as to permit of free play of the oars. The hub 10 is provided at its lower end with a claw or grip, as shown in Fig. 2, which by engagement with the gunwale provides for the most effective and stable connection of the device to the boat for practical purposes. The oar yoke 6 may follow any of the well-known constructions, but the yoke is preferably arranged to cling to the oar when the latter is shipped. In the preferred construction and arrangement of the present device the clamping jaws or lugs 7 and 8 are intended only to engage and grip the inner and outer edges respectively of the gunwale and do not contact with the hull below the plate 3.

Under the construction and arrangement shown and described herein our device may be readily shifted or moved either backward or forward along the gunwale and then rigidly secured in any desired position, by means of the thread-bolts 9, to suit the convenience of the oarsman.

Our improved oar yoke support is extremely simple, and the device may be produced at small cost. The particular advantages that the device herein shown and described possesses over the old styles of oar locks, being that the clamping members 4 and 5 may be readily and quickly applied

or removed, without in any way injuring a boat, because no bolts, screws or nails are required to attach the same to the gunwale, and furthermore when a boat is moored or
5 stored for a time, all or the rowing parts, including the clamp-bases 4 and 5, may be readily removed, and thus deprive unauthorized or mischievous persons from making use of the boat.

10 Having thus described our invention what we claim as new and desire to secure by Letters Patent, is—

15 The combination of an oar fork having an attachment pin, a pair of clamping members, a pair of long clamping screws, the opposite ends of said members being pro-

vided with corresponding transverse perforations to receive said clamping screws, the perforations in one member being plain and the perforations in the other member being
20 threaded to engage the threads of said screws, one of said members being provided with a hub having a vertical perforation adapted to receive said pin of the oar fork, and each of said clamping members and
25 said hub having means adapted to grip the edges of the gunwale of a boat.

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