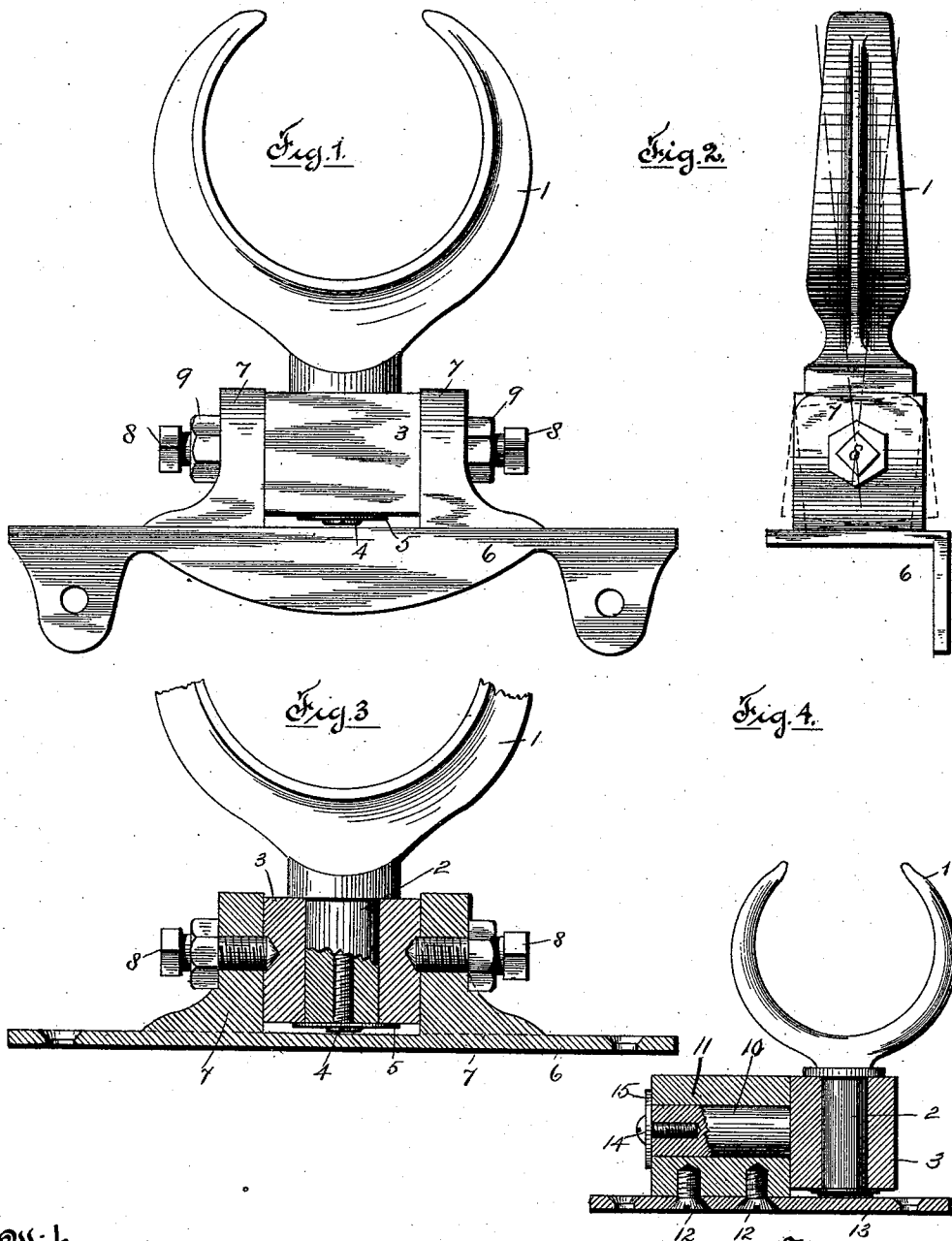


(No Model.)

G. H. HASLOP.
OAR LOCK.

No. 471,546.

Patented Mar. 29, 1892.



Witnesses
Walter S. Bowen.
J. A. Hatch.

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UNITED STATES PATENT OFFICE.

GEORGE HENRY HASLOP, OF WORCESTER, MASSACHUSETTS.

OAR-LOCK.

SPECIFICATION forming part of Letters Patent No. 471,546, dated March 29, 1892.

Application filed July 3, 1891. Serial No. 398,355. (No model.)

To all whom it may concern:

Be it known that I, GEORGE HENRY HASLOP, a citizen of the United States, residing at Worcester, in the county of Worcester and State of Massachusetts, have invented a new and useful Improvement in Oar-Locks, of which the following is a specification.

The aim of this invention is to produce a new and improved oar-lock; and to this end it consists of the device described and claimed in this specification, and illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of my improved oar-lock. Fig. 2 is an end elevation of the same. Fig. 3 is a view similar to Fig. 1, the swivel mechanism being in section; and Fig. 4 is a similar view of a modification.

In detail, 1 represents the oar-lock proper, which is of any approved form, and which has the integral depending turned shank 2. This shank 2 fits in a block 3, and the shoulder between the shank and the oar-lock rests on the top of the block 3. The shank 2 is held in the block by the screw 4 and the washer 5; but the oar-lock is free to turn in said block. The block 3 is pivotally hung in a frame or bearing 6, which may be fastened to the side of the boat. As shown in Figs. 1, 2, and 3, this frame consists of a right-angled bearing or supporting plate 6, which is adapted to fit on the side of the boat, and which has suitable countersunk holes, so that the same may be fastened in place by suitable screws or bolts. Rising from this plate, and preferably integral therewith, are the two bearings 7 7, between which the block is nicely fitted, and the said block is pivotally hung between the said bearings 7 7 on the pointed set-screws 8, which latter are held in their adjusted position by the check-nuts 9 9. Now it will be seen that in addition to the usual swivel movement the oar-lock is capable of a rocking movement about the set-screws; or, in other words, the oar-lock may have a rocking motion in substantially the same plane as the oar. This will cause the oar-lock to rock with the oar as the same is raised and lowered and greatly aids in the easy action of the same. This rocking motion is limited by the block striking on the plate, as shown in Fig. 2.

A modification is shown in Fig. 4. In this

instance the block 3 has a turned projecting shank 10, which is journaled in a block 11, fastened by screws 12 to a flat bearing-plate 13. The shank 10 is held in the block 11 by the screw 14 and washer 15, as shown. It is understood that in this construction the block 11 is so arranged in relation to the oar-lock that the pressure comes on the block and not on the washer as the boat is pulled forward. This construction has the action and the advantages before noted in connection with the other modification. It will be seen that the oar-lock in either device can be easily removed or adjusted, and that the whole device forms a neat compact oar-lock, easy of manufacture, and is a construction that will perfectly adapt itself to the movement of the oar. Of course the oar-locks may be adapted to any form of pleasure or working boat or shell, and the same is of special advantage in rigging racing-boats.

Modifications of the construction herein shown may be made by a skilled mechanic without departing from the scope of my invention.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination of the frame or plate, the block pivoted to the same, the central bottom point of said block being set slightly above the said frame so that the block will have only a limited rocking movement, the corners of said block acting as stops, and an oar-lock mounted in said block, substantially as described.

2. The combination of the oar-lock having the depending stem, the block in which said stem is journaled, and the plate or frame to which said block is pivoted, the said block being substantially square in cross-section and set slightly above the plate so that the corners of said block will strike the same, whereby said block has only a limited rocking movement, substantially as set forth.

3. The combination of the oar-lock 1, having the depending stem 2, the block 3, in which said stem is journaled, and the plate 6, having the bearings 7 7, between which said block 3 is pivoted, the block being substantially square in cross-section and set slightly above

said plate so that the corners of said block will strike against the plate 6, so as to limit the pivotal motion in either direction, substantially as described.

5 4. The combination of the oar-lock 1, having the depending stem 2, the block 3, in which said stem is swiveled and held by the screw 4 and washer 5, the right-angled plate 6,
10 passing through the same, having check-nuts

9 9, the said block 3 being pivoted on the ends of said set-screws between said bearings 7 7, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing 15 witnesses.

GEORGE HENRY HASLOP.

Witnesses:

LOUIS W. SOUTHGATE,

JAMES J. RAFFERTY.