

F. D. STARIN.
 OAR LOCK.
 APPLICATION FILED AUG. 27, 1910.

1,001,475.

Patented Aug. 22, 1911.

Fig. 1.

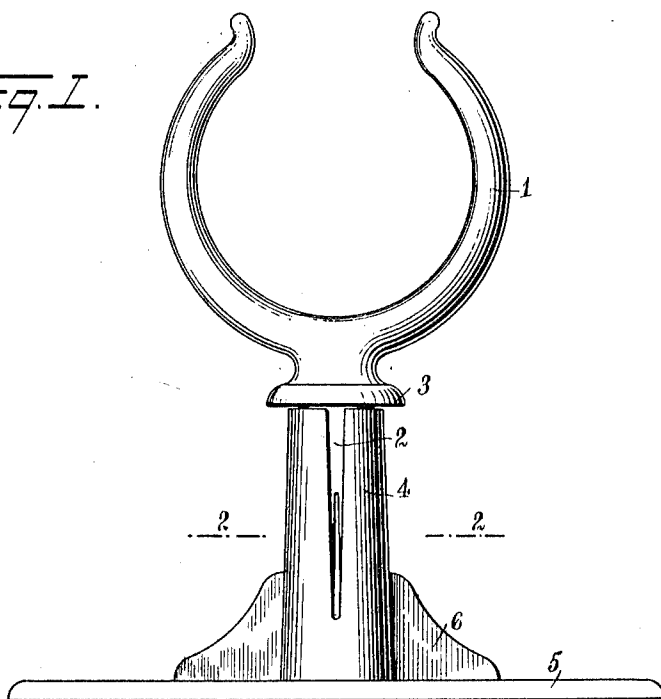


Fig. 2.

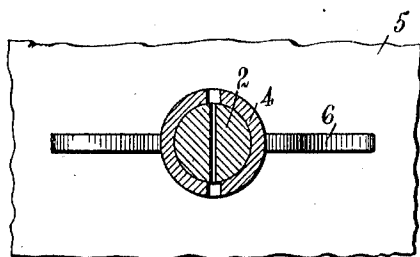


Fig. 3.

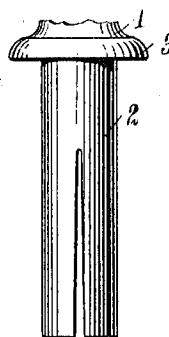


Fig. 4.



WITNESSES:

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OAR-LOCK.

1,001,475.

Specification of Letters Patent. Patented Aug. 22, 1911.

Application filed August 27, 1910. Serial No. 579,257.

To all whom it may concern:

Be it known that I, FREDERICK D. STARIN, a citizen of the United States, and a resident of Whitewater, in the county of Walworth and State of Wisconsin, have invented a new and Improved Oar-Lock, of which the following is a full, clear, and exact specification.

This invention relates to oar locks, and more particularly to such as are constructed in a manner permitting of their adjustment to counteract the effects produced through wear.

The object of the invention is to provide a device of the class described, of simple and serviceable construction, inexpensive to manufacture, which is adjustable so as to render the oar locks practically noiseless while in operation, and also to overcome lost motion occasioned through wear.

The invention consists in the construction and combination of parts to be more particularly described hereinafter, and particularly set forth in the claim.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of my invention; Fig. 2 is a cross sectional view on the line 2—2 of Fig. 1; Fig. 3 is a side elevation of the stem, having a portion broken away; and Fig. 4 represents a wedge with which the bifurcated ends of the stem may be adjusted.

Before proceeding with a more detailed description of my invention it should be understood that great difficulty is experienced in the use of oar locks when the latter become worn by too long use. When the ordinary oar lock has been in operation for some time, the stem and socket, respectively, become worn, causing the former to move too freely in the latter, and thereby hindering rowing, and producing a disagreeable metallic sound. To obviate these difficulties I have constructed an oar lock as above described, which combines an ad-

justable stem and socket, and by the adjustment of either or both of these parts I may at all times prevent the stem from moving too freely in its socket.

Referring more specifically to the drawings, I provide a bow 1 of the conventional form and adapted to receive an oar and having a stem 2 integral therewith. The stem has its lower extremity bifurcated and separated an appreciable distance, as shown most clearly in Fig. 3 of the drawings. Located on the stem is a seating flange 3, which rests upon the upper edge of a socket 4. The socket has its upper portion bifurcated and spaced to allow of adjustment, as shown in Fig. 1 of the drawings. I have employed a base 5 upon which the socket 4 is mounted, braces 6 being used to hold the socket rigidly in place.

After my oar lock has been in use and the stem and socket have become worn so that the efficiency of the device is impaired, I preferably employ a wedge-shaped member such as is shown in the drawings, to spread the bifurcated end of the stem. If, however, this does not obviate all the lost motion, I can by means of any suitable instrument, such as a pair of pliers, or the like, contract the bifurcated end of the socket so that it will snugly receive the stem.

Having thus described my invention, I claim as new, and desire to secure by Letters Patent,—

In an oar lock provided with a stem, the end of which is bifurcated, a socket adapted to receive said stem, opposite sides of said socket being split in line with the bifurcating cut in said stem, and a wedge inserted in said bifurcating cut, whereby said stem and socket are frictionally locked together.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FREDERICK D. STARIN.

Witnesses:

GEO. W. COPPIUS,
F. M. NIQUET.