

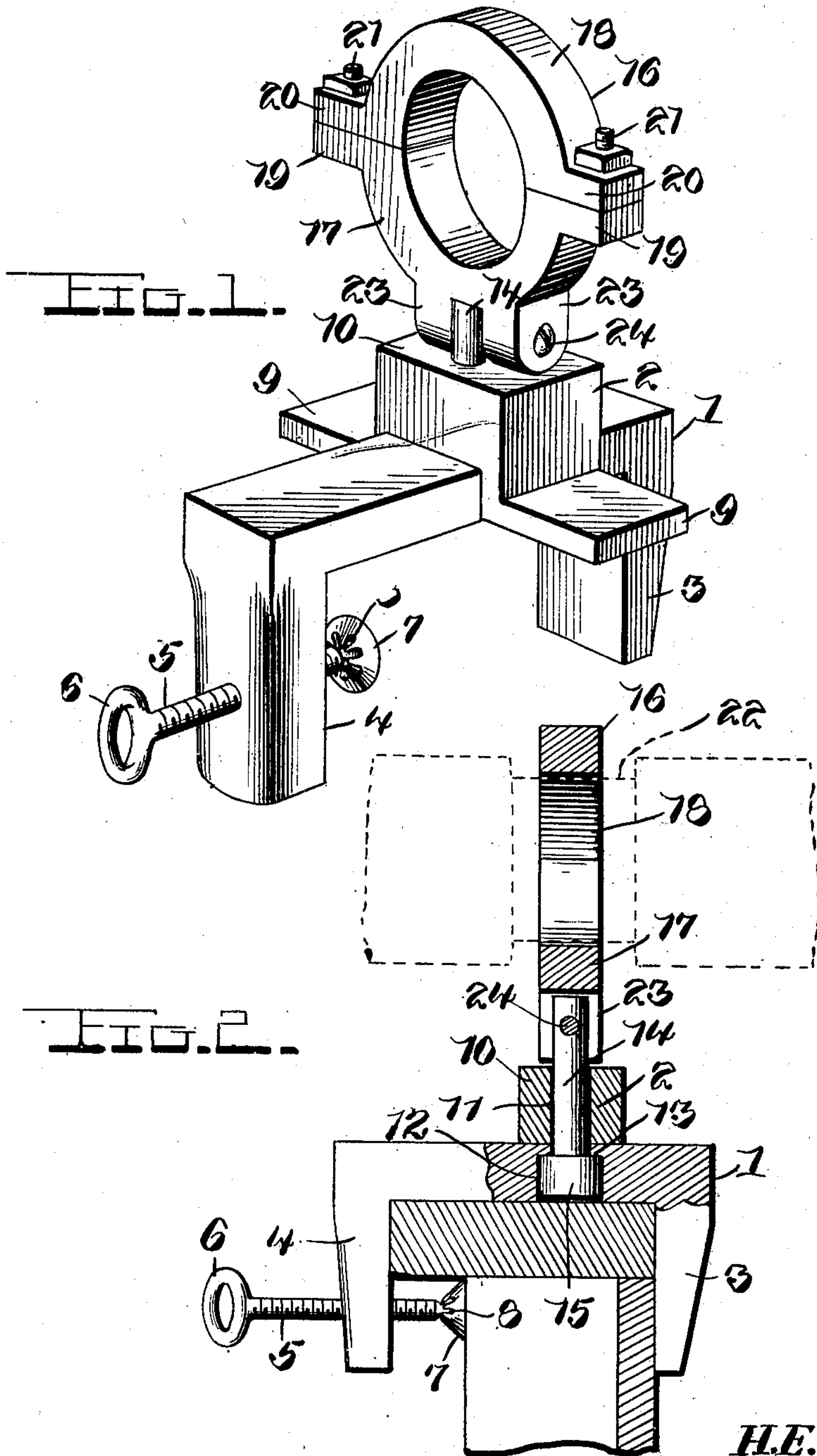
H. E. CARR.

OAR LOCK.

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997,236.

Patented July 4, 1911.



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OAR-LOCK.

997,236.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HENRY E. CARR, a citizen of the United States, residing at Clairton, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Oar-Locks, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to improvements in oar locks, the object of the invention being to provide an improved device of this character which may be readily attached to the gunwale of a boat and which serves to pivotally mount the oar lock for universal angular movement so as to permit the free and correct use of the oar in rowing, and which will also serve to prevent the casual unshipping of the oar.

20 With the above and other objects in view, my invention consists in the construction, combination and arrangement of devices hereinafter described and claimed.

25 In the accompanying drawings,—Figure 1 is a perspective view of an oar lock constructed in accordance with my invention. Fig. 2 is partly an elevation and partly a sectional view of the same.

30 In the embodiment of my invention, I provide a base or yoke 1, which comprises a pair of crossed arms 2, 9 and a boss 10, which rises from the base at the point of intersection of the said crossed arms. The arm 9 is for disposition longitudinally of and to bear on the upper side of the gunwale of a boat. The arm 2 is to extend transversely across the gunwale, and is provided at its ends with depending jaws 3, 4 to bear respectively on the outer and inner sides of the gunwale. The jaw 4 is provided with a transverse screw threaded opening in which operates a screw 5. Said screw has a head 6 whereby it may be manually turned and is provided at its inner end with a foot 7 to bear against the inner side of the body. The foot is connected to the inner end of the screw, by a ball and socket joint, the foot having a socket therein, and the screw being provided with a globular end 8, which operates in the socket. Through the center of the boss, and the center of the yoke extends a vertical opening 11, the lower end of which is counter-bored as at 12, to provide an annular circumferential shoulder 13. A vertical pin 14 is mounted in the

said opening, and has an enlarged head 15 at its lower end which turns in the counter-bore 12, the upper portion of the said pin extending above the boss 10. A clamping ring 16 comprises a lower semi-circular section 17 and an upper semi-circular section 18, the said sections being respectively provided with oppositely projecting arms 19, 20, which arms are detachably and adjustably connected together by means of bolts or other suitable devices 21 so that the upper section of the clamping ring may be adjusted toward or from the lower section thereof to enable an oar to be placed in and detached from the said clamping ring, the sections of the ring, when the oar is in place therein, being clamped on opposite sides of the oar, the latter having an annular recess or groove 22, indicated in Fig. 2 of the drawing, for engagement by the sections of the clamping ring, said recess enabling the oar to be turned in the clamping ring as may be required in rowing. The lower section of the clamping ring is also provided with a pair of depending spaced arms 23 which are disposed on opposite sides of the upper portion of the pin 14 and are connected thereto by a pivot bolt 24 which passes through alined openings in said arms and in said pin, the said pivot bolt and arms connecting the clamping ring to the said pin for vertical angular movement, and the said pin by reason of its being swivelly mounted in the base enabling the clamping ring to be turned angularly, as may be desired in rowing.

It will be understood that my improved oar lock, while enabling the oar to be freely turned both axially and angularly, as is required in rowing, and while permitting free movement of the oar, effectually prevents the same from becoming unshipped and lost overboard. Moreover, my improved oar lock may be readily attached to and removed from the gunwale of the boat at will.

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

1. The herein described oar lock comprising a base member to bear on and provided with means to secure the same to the gunwale of a boat, said base member having a vertical opening provided with a counter-bore at its lower end, a pin mounted in said opening, for axial movement, projecting upwardly from the base member, and also hav-

ing an enlarged head at its lower end in the counter-bore, and a segmental oar clamping ring provided on its lower side with a pair of spaced depending arms, disposed on opposite sides of the upper portion of the pin, and a pivot element passing through said arm and said pin, and connecting the clamping ring to the pin for angular movement in a vertical plane, the pin by reason of its axial connection with the base member also adapting the clamping ring for angular movement in a horizontal plane, and connecting the clamping ring to the base member against casual detachment of the clamping ring.

2. The herein described oar lock comprising a base member to bear on the gunwale of a boat, and provided with crossed arms, and a boss rising from the base member at the point of intersection of the arms, one of the arms being provided at its ends with depending jaws to bear on opposite sides of the gunwale, one of said jaws having a clamp-

ing screw and the said base member and boss having a vertical central opening provided with a counter-bore at its lower end, a pin mounted in the base member for axial movement, projecting upwardly from the boss, and provided at its lower end with an enlarged head disposed in the counter-bore, and an oar clamping ring provided at its lower side with a pair of depending arms disposed on opposite sides of the upper portion of the pin, and a pivot element passing through said arms and pin and connecting the clamping ring to the pin for angular movement in a vertical plane, the pin by reason of its axial connection with the base member also adapting the clamping ring for angular movement in a horizontal plane.

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

HENRY E. CARR.

Witnesses:

JAMES H. PERDUE,

JOHN E. FORD.