C. L. RATHBONE.

OAR LOCK.

APPLICATION FILED MAR. 20, 1914.

1,155,275.

Patented Sept. 28, 1915.

Fig. 1.

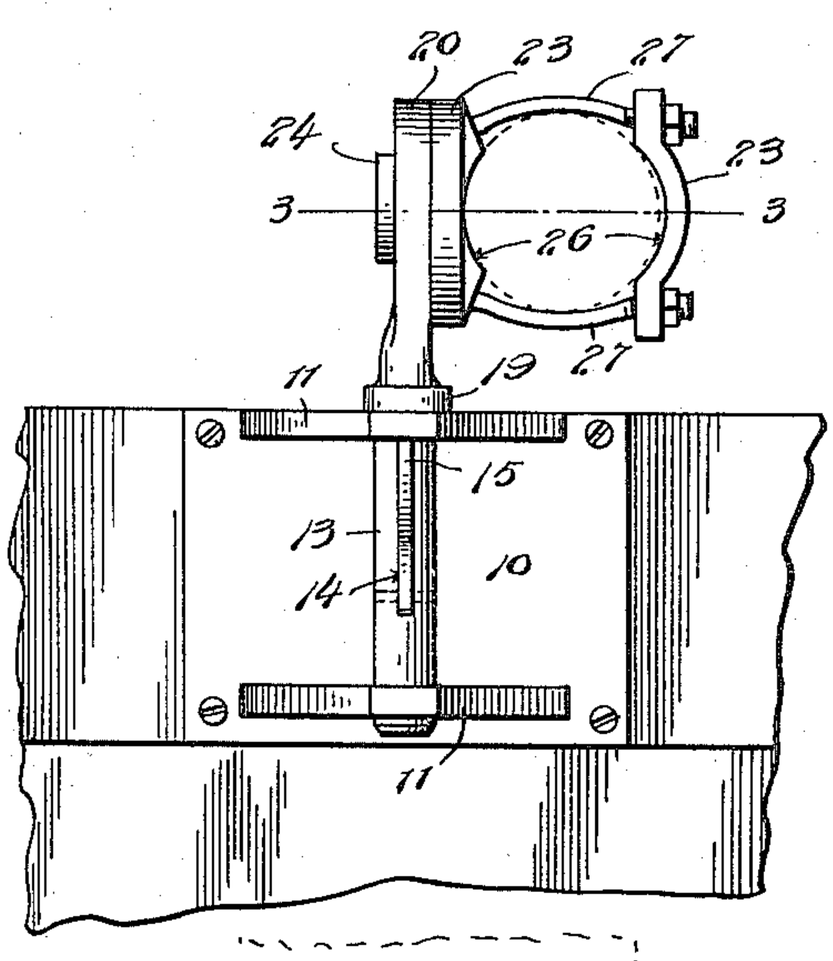


Fig. 2.

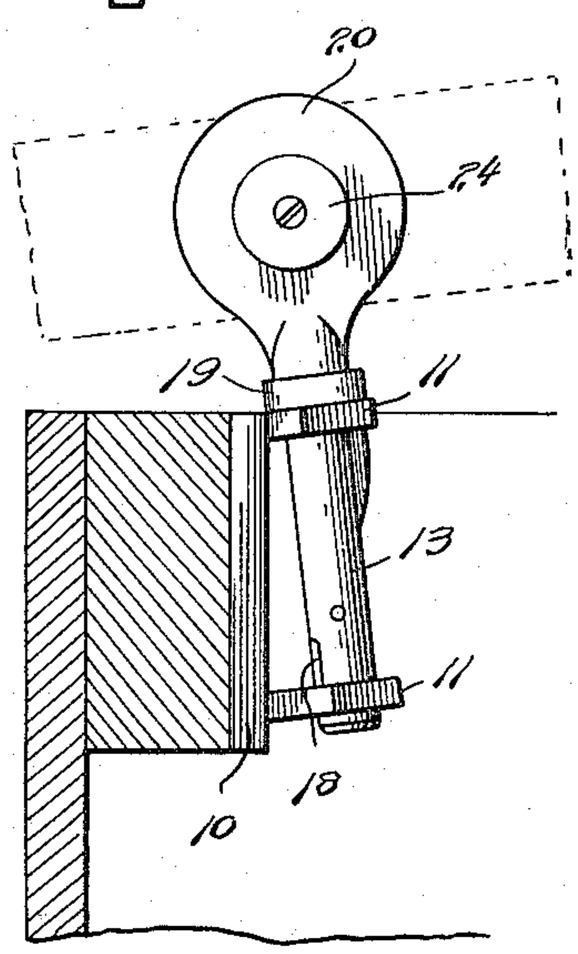


Fig. 3.

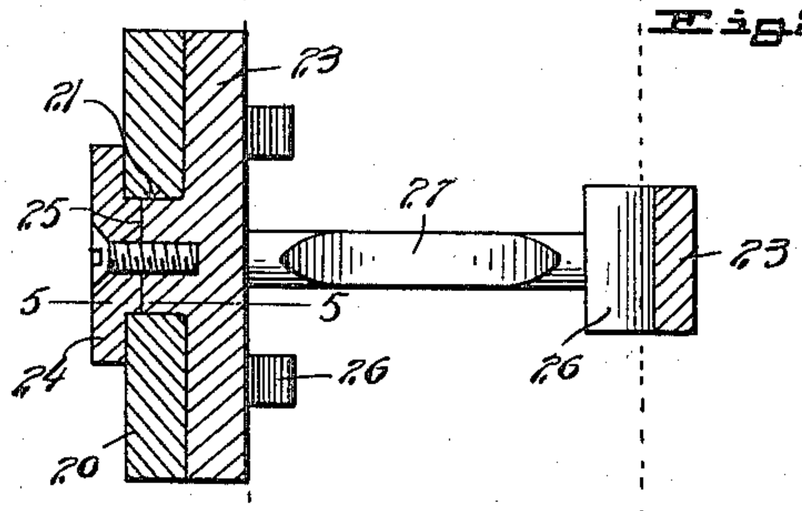


Fig. 4.

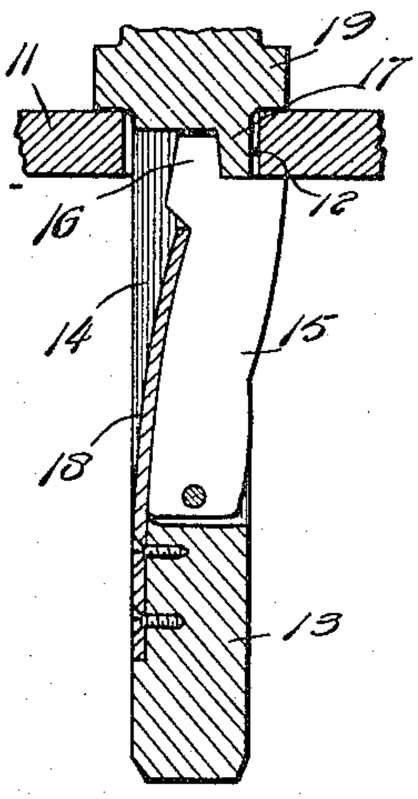


Fig. 5.

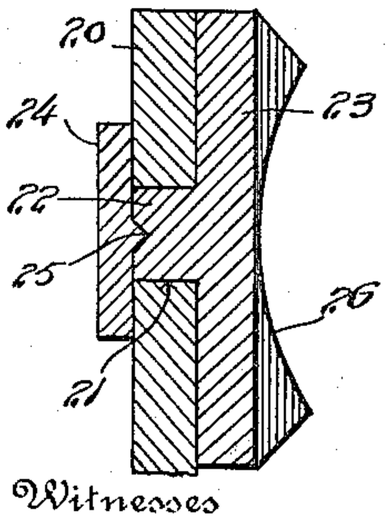
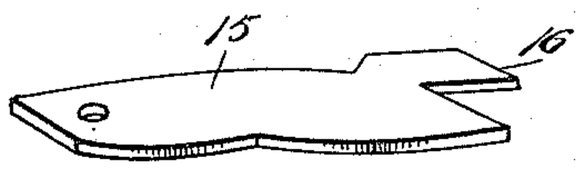


Fig. 6.



Witnesses

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UNITED STATES PATENT OFFICE.

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OAR-LOCK.

1,155,275. Specification of Letters Patent. Patented Sept. 28, 1915.

Application filed March 20, 1914. Serial No. 826,085.

To all whom it may concern:

Be it known that I, CHARLES L. RATHBONE, a citizen of the United States, residing at Bozrah, in the county of New London, State of Connecticut, have invented certain new and useful Improvements in Oar-Locks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in oar locks, and has particular reference to articles of this nature which are both vertically and horizontally swiveled to permit of a dipping motion and a swinging motion of the oar.

In carrying out the invention it is my purpose to provide a device of this class that is simple in construction, efficient in operation and may be manufactured at a comparatively low cost.

A further object of my invention is the provision of an oar lock, in which novel means are provided whereby the lock may be detachably mounted on the side of a boat and securely locked in position thereon against accidental displacement.

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

In the accompanying drawing: Figure 1 is a side elevation of the improved device shown in position on the side of a boat. Fig. 2 is an end view thereof. Fig. 3 is a horizontal section on the line 3—3 of Fig. 1. Fig. 4 is a longitudinal section through the slotted portion of the spindle. Fig. 5 is a sectional view on the line 5—5 of Fig. 3. Fig. 6 is a perspective view of the latch member removed from the spindle.

Referring now to the drawing in which like characters of reference designate similar parts, the numeral 10 designates a supporting bracket adapted for attachment to the side of a boat by screws or other suitable means, and having formed on its outer face a pair of parallel flanges 11, said flanges being provided with alined openings 12, through which a spindle 13 is adapted to be inserted.

The spindle 13 is provided with a longitudinal slot 14 in which is mounted a pivoted latch member 15, the upper end of said latch being formed with an offset portion 16 adapted to engage the shoulder 17 in the upper end of the slot 14, and thereby limit the outward movement of said latch. Secured adjacent the lower end of the spindle 13 and passing into the longitudinal slot 14 thereof, is a spring 18, said spring bearing against the inner edge of the latch member 15 and normally urging said latch outwardly through the slot 14. Said spindle 13 is further provided at its upper end with a collar 19 and an enlarged head 20, said head having an opening 21 therein, in which is journaled the stem 22 of one of the clamping elements 23. For retaining said clamping element in position on the spindle, there is provided a bearing plate 24, said plate being detachably secured to the stem 22 and held against rotation with respect thereto by means of the rib and notch connection 25. These clamping elements are further provided with concaved faces 26, between which an oar is held and clamped in position by means of draw bolts 27 as shown in dotted lines in Fig. 1.

In applying the oar lock to a boat the supporting member 10 is secured to the side thereof, and the spindle 13 inserted through the openings 12 to bring the collar 19 into engagement with the face of the upper flange 11. In passing through the opening in said flange, the latch 15 swings within the slot 14, and on passing beyond said flange, moves outwardly under the influence of the spring 18 thereby locking the spindle securely in position.

From the foregoing it will be observed that I have provided a simple, efficient and inexpensive device of the character described, and one in which novel means are employed for detachably connecting the oar lock to the side of a boat and securely locking same in position against accidental displacement.

What is claimed, is:—

An oar lock comprising a bracket adapted for connection to the side of the boat, a spindle rotatably mounted in said bracket, an oar holding device rotatably mounted on the upper end of said spindle and having

its axis of rotation disposed at right angles to the axis of rotation of the spindle, said device including an inner head bearing directly against the upper end of the spindle, spaced arms carried by the head, a securing plate having the terminals thereof detachably engaged on the free ends of said arms, and nuts threaded on the free ends of said arms for preventing disengagement of the securing plate.

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

CHARLES L. RATHBONE.

Witnesses:

JOHN H. RATHBONE,

ALBERT J. BAILEY.