

No. 701,758.

Patented June 3, 1902.

E. F. McINTYRE.

OAR LOCK.

(Application filed Mar. 23, 1901.)

(No Model.)

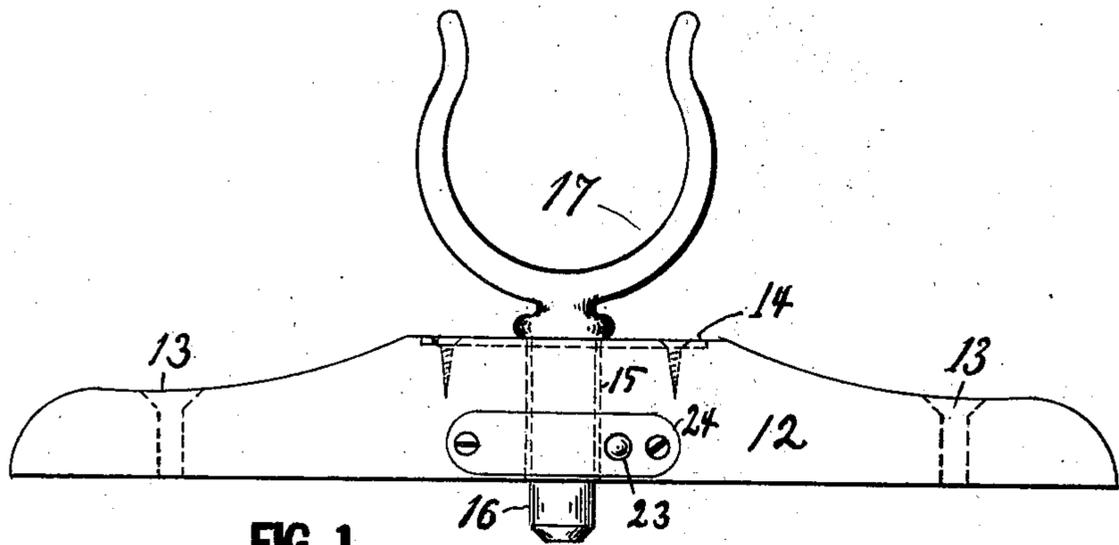


FIG. 1

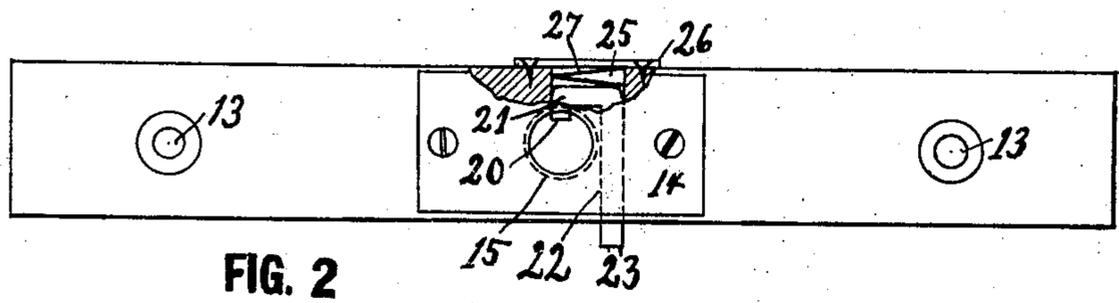


FIG. 2

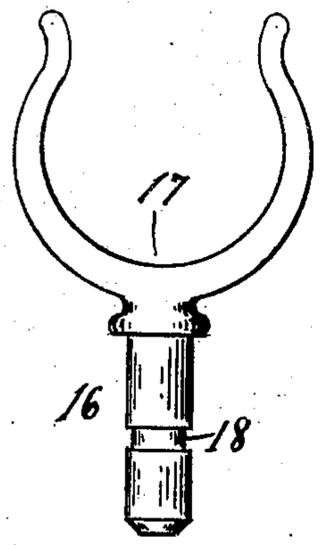


FIG. 3

WITNESSES:

*D. E. Carlson*  
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INVENTOR

*Edward F. McIntyre*  
BY his ATTORNEY:  
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# UNITED STATES PATENT OFFICE.

EDWARD F. MCINTYRE, OF LAKE PHALEN, MINNESOTA, ASSIGNOR OF ONE-HALF TO OSCAR ROSLUND, OF ST. PAUL, MINNESOTA.

## OAR-LOCK.

SPECIFICATION forming part of Letters Patent No. 701,758, dated June 3, 1902.

Application filed March 23, 1901. Serial No. 52,632. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD F. MCINTYRE, a citizen of the United States, residing at Lake Phalen, in the county of Ramsey and State of Minnesota, have invented certain new and useful Improvements in Oar-Locks; and I do 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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in oar-locks; and the objects of the invention are to provide an oar-lock which cannot accidentally get separated from the boat and which may still be readily removed from the boat, so as to prevent unwarranted use of the boat or stealing of the oar-locks, and to make such oar-lock cheap, simple, and efficient. This object I attain by the novel construction and arrangement of parts illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of my improved oar-lock. Fig. 2 is a top view of the lock with the fork removed and a small portion in section, so as to expose the mechanism within the block. Fig. 3 is a detail side view of the fork alone.

Referring to the various parts in the drawings by reference-numerals, 12 designates the regular block or seat of the oar-lock. This may be made of iron; but in the present instance it is supposed to be made of hard wood and securable to the gunwale by nails, bolts, or screws inserted in the direction indicated by the countersunk holes 13. In this block is placed a vertical sleeve or bushing 15, secured to the block by screws through the flanges or plate 14, forming the head of the bushing. Said bushing is adapted to receive the round shank or stem 16 of the fork or oar-lock proper, 17, and said stem is provided with an annular groove 18, in which engages the

short arm 20 of a U-shaped wire 21 22 23, of which the long arm 23 forms a push-button guided by the plate 24. (See Fig. 1.) This wire or key 21 22 23 is inserted through a suitable opening 25 in the block, which opening is afterward closed by the screw-held plate 26 and forms a cavity in which is lodged a V-shaped spring 27, by which the wire is normally held with its arm 21 into the groove 18 of the fork.

When it is desired to remove the fork 17 from the block, the operator simply presses on the button 23 against the spring 27, which yields and releases the key from the fork, so that it may be lifted out.

It will be seen that by my construction a very easily detachable oar-lock is provided and all its locking mechanism is closed in, so it cannot be obstructed by snow or ice or become damaged by other elements or accidents.

What I claim, and desire to secure by Letters Patent, is—

In an oar-lock, the combination with the block 12 having a vertical hole for the shank of the fork or oar-lock proper, of a fork having a shank with an annular recess or groove, said block also having a cavity 25 in one side and a plate 26 secured over the same; the U-shaped wire 21 22 23 having a short arm engaging the groove in the shank of the fork, and a long arm extending horizontally, transversely through and beyond the opposite side of the block, where it serves as a push-button to disengage the short arm from the groove, the spring 27 inserted between the bend 21 of the wire and the spring-retaining plate 26, substantially as and for the purpose set forth.

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

EDWARD F. MCINTYRE.

Witnesses:

A. M. CARLSEN,  
D. E. CARLSEN.