

(No Model.)

W. F. SPENCE.
OAR LOCK.

No. 474,194.

Patented May 3, 1892.

Fig. 1.

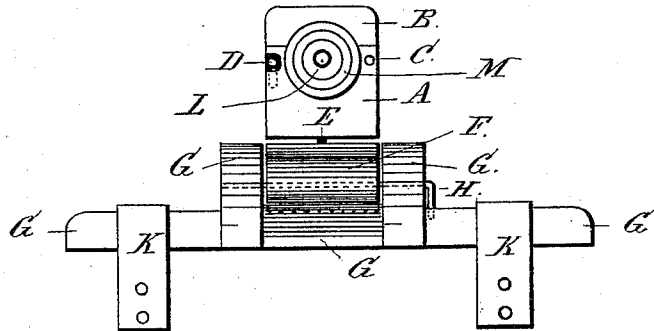


Fig. 2.

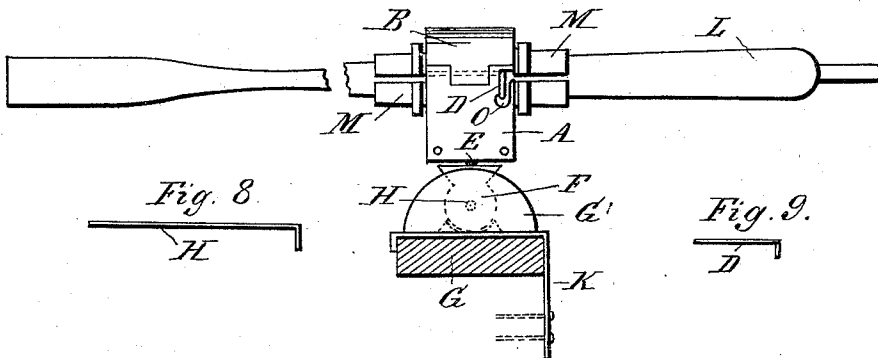


Fig. 8.

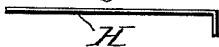


Fig. 9.



Fig. 3.

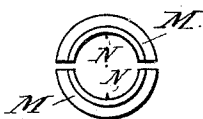


Fig. 4.

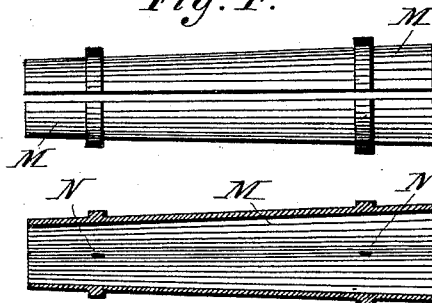
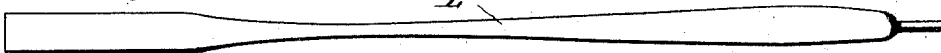


Fig. 5.



Fig. 6.

Fig. 7.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM F. SPENCE, OF PASS CHRISTIAN, MISSISSIPPI.

OAR-LOCK.

SPECIFICATION forming part of Letters Patent No. 474,194, dated May 3, 1892.

Application filed November 18, 1891. Serial No. 412,339. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM FRANKLIN SPENCE, a citizen of the United States, residing at Pass Christian, in the county of Harrison and State of Mississippi, 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.

My invention relates to an improvement in an oar-lock; and its novelty will be fully understood from the following description and claims when taken in connection with the annexed drawings.

The objects of my invention are to provide a safe oar-lock for life-boats, yawls, or other boats that will prevent the loss of oars when the boat is capsized or in a heavy sea. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side view of oar-lock. Fig. 2 is an end view of oar-lock. Fig. 3 is a view of small end of clamp. Fig. 4 is a side view of clamps. Fig. 5 is a view of large end of clamp. Fig. 6 is a top view of half of clamp, showing interior of same. Fig. 7 is a side view of oar. Fig. 8 is a side view of large key. Fig. 9 is a side view of small key.

Similar letters refer to similar parts throughout the several views.

In the drawings, A refers to a lock for oars, said lock being provided with a cover or fastening, as shown by B, which is held in position by means of a hinge C and key D. The lock A is held secure by means of a pivot E, attached to bearing F, said bearing being held in position by a key H, passing through uprights G' of casting G, and the latter are held securely in position to the boat by means of clamps K.

Resting within the lock and between two clamps or sectional sleeve M, provided with flanges, is oar L, said clamps being provided on their inner face with bits N, which penetrate the oars when within clamps M and prevent sliding of oars, while the flanges upon the clamps, as shown in Fig. 2, jam against the sides of lock A and cover B and enable the oars to be held securely in position.

O is a slot in lock A and in which head of key rests.

In practice the parts G are attached to boat by means of clamps K. The bearing F, to which lock A is attached by means of pivot E, is placed in position and the key H inserted through parts G, as shown. The clamps M are placed on oars. The covers B are raised and the oars are placed within the lock A. The covers B are then lowered and fastened by means of keys D, and the oars are ready for use. The locks A can be swung in any direction by means of pivot E, and the oars when not in use can rest in or outside of boat. The oars when in use never chafe or wear in the lock, are always adjusted to boat, and by use of same an even motion is given. The lock has no lost motion either in pulling or backing, and by the use of same a lock for sculling and steering is provided that to a great extent obviates the necessity of a rudder. Should there be a break, the uprights on G, to which bearing F is attached, will supply a temporary oar-lock until lock A can be replaced.

Having described my invention, what I claim is—

The combination, with an oar, of a sectional sleeve having the flanges on its outer side and the bits on its inner side, the lock A, having its lower section provided with a pintle, a cover or cap hinged to the lower section and adapted to embrace the sectional sleeve on the oar, the casting G, having the uprights G', provided with journaled apertures H, bearing F, in which the lock is pivoted, arranged between said uprights, the pin passing through the uprights and also through said bearing, so as to pivotally connect the same, and the angular clamps K for securing the casting G to a bolt, the lock being also provided with a securing-key on the hinged section, all adapted to operate substantially as specified.

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

WILLIAM F. SPENCE.

Witnesses:

W. A. WENCK,
PERCY D. PARKS.