(No Model.)

O. B. FENNER.

ROWLOCK.

No. 308,600. Patented Dec. 2, 1884.

Fig. 1.

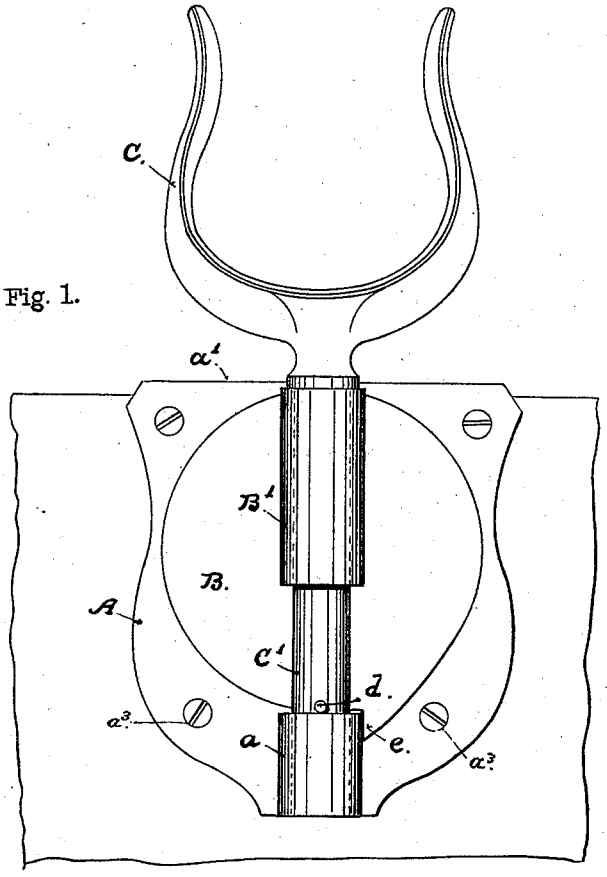
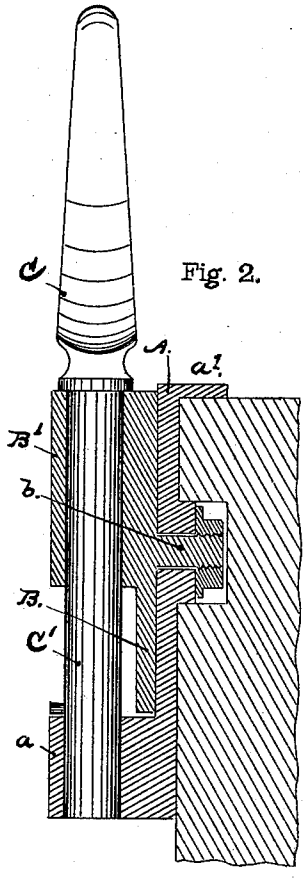


Fig. 2.



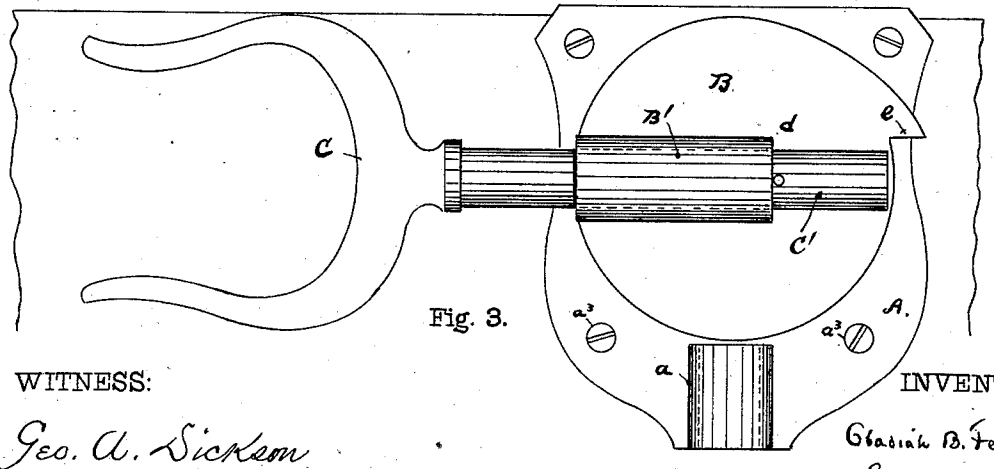


Fig. 3.

WITNESS:

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UNITED STATES PATENT OFFICE.

OBADIAH B. FENNER, OF OAKLAND, CALIFORNIA.

ROWLOCK.

SPECIFICATION forming part of Letters Patent No. 308,600, dated December 2, 1884.

Application filed April 12, 1884. (No model.)

To all whom it may concern:

Be it known that I, OBADIAH B. FENNER, of Oakland, county of San Francisco, State of California, have invented certain Improvements in Rowlocks; and I hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to an improved rowlock of the kind or class that is adapted to be unshipped and turned down inside the gunwale, out of the way, while yet remaining always attached in place to the side of the boat. The objects sought to be attained are requisite strength, simplicity of construction, readiness of attachment, and convenience in setting and unsetting.

The following description fully explains the manner in which I proceed to construct, apply, use, and carry out my invention, the accompanying drawings, which form part of my specification, being referred to by figures and letters.

In the several views thereof, Figure 1 is an elevation taken from the outside of the boat, and showing the lock in position for use. Fig. 2 is a vertical transverse section through the parts in the same position. Fig. 3 shows the position of the parts when the lock is unshipped and turned down out of the way when not in service.

A stationary plate, A, and a turn-plate, B, are secured together by a center pivot or stud, *b*, on the one and a hole in the other plate. The stud projects from the back of the turn-plate, and the socket for it is carried through the center of the plate A, so that a nut may be fixed to the stud on the outside. The plate A has a top flange, *a'*, and upon the front face a vertical socket, *a*, which is in line with the center of the movable plate. A similar tubular socket, B', is provided on the swinging plate B, upon one side of the center, and the two plates are set closely together, but so as to turn smoothly one upon the other.

The oar-lock has a forked head, C, and a cylindrical shank, C', of suitable size to fit the sockets *a* B'. It is set into and is always confined within the socket on the swiveled plate B, but is free to rotate as well as to slide up and down in the socket.

A stop-pin, *d*, set into the side of the shank, serves to keep the lock attached to the plate at all times, and, being set away from the end of the shank, it gives sufficient length at the end to take into the lower or stationary socket, and also permits the necessary vertical movement for shipping and unshipping.

Screw-holes a^3 a^3 in the margin of the plate A afford means of securing it to the side of the boat, and when so applied the flange *a'* sets over the top or gunwale, while the back of the plate rests against the outside. Where the thickness of the shell or body will not allow of a recess for the projecting boss and the end of the stud *b*, the plate may be screwed to a recessed block to give required thickness of stuff behind it.

As thus constructed and applied the rowlock is shipped for use by turning the swiveled plate until the two sockets *a* B' are aligned, and then forcing the end of the shank into the lower socket. To facilitate this setting, a projecting stop, *e*, is formed on the lower edge of the swiveled plate, to project in line with the side of the socket *a*, or other like protuberance on the front of the plate, provided at a point where it will engage with the projection *e* when the two sockets *a* B' come directly into vertical line. This arrangement will be understood by referring to Figs. 1 and 3.

To unship the fork, it is only necessary to withdraw the shank of the lock from the lower socket and turn the plate B upon its center until the shank occupies a horizontal position.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A rowlock consisting of a stationary plate adapted to be secured to the gunwale, a swiveled plate capable of turning in a vertical plane upon the stationary plate, a socket upon the fixed plate, and a socket upon the swiveled plate, within which is secured an oar-

lock that is free to slide vertically as well as to rotate in said socket, substantially as described.

2. The combination of the plate A, to be fixed to the side of the boat, having the socket *a* in the lower part thereof, the plate B, swiveled to the plate A, and provided with the socket B′, the oar-lock C, with shaft or spindle C′ set in the sockets B′ *a*, and the stop *e* on the swiveled plate B, all substantially as and for the purpose set forth.

In witness whereof I hereunto set my hand.

OBADIAH B. FENNER.

Witnesses:

EDWARD E. OSBORN,

JNO. L. TAGGARD.