

(Model.)

C. NORMAN.
ROWLOCK.

No. 508,969.

Patented Nov. 21, 1893.

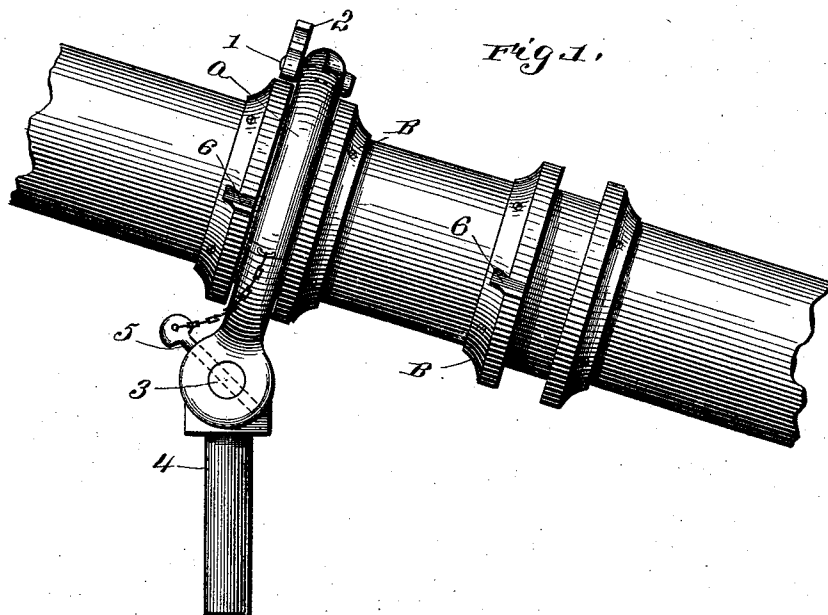
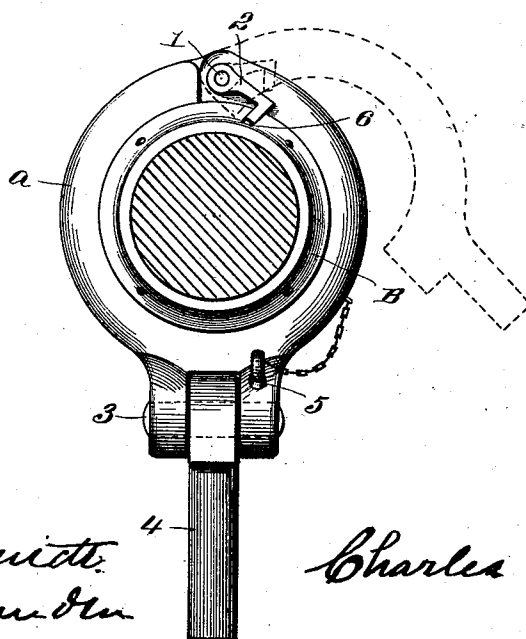


Fig. 2.



Witnesses:
August Schmitt
Engel R. Chandler

Inventor:
Charles Norman

UNITED STATES PATENT OFFICE.

CHARLES NORMAN, OF FRANKFORT, MICHIGAN.

ROWLOCK.

SPECIFICATION forming part of Letters Patent No. 508,969, dated November 21, 1893.

Application filed November 26, 1892. Serial No. 453,290. (Model.)

To all whom it may concern:

Be it known that I, CHARLES NORMAN, a citizen of the United States, residing at Frankfort, in the county of Benzie and State of Michigan, have invented a new and Improved Rowlock, of which the following is a specification.

The object of this invention is to provide a row lock that will lock the oar when required, regulate the length of the oar handles, and hold the oars steady in any position. The mechanism by which I obtain these results is shown in the accompanying drawings, in which—

Figure 1 is a side elevation of my improved oar lock, and Fig. 2 a front elevation of the same.

Fig. 1, shows the row lock complete on section of oar. It consists of two bands, B, a ring *a*, and a shank 4 with an open head. Two bands are used to secure two different lengths of oar handles, by changing the ring *a* from one band B to the other. The bands B are in halves, and close around the oar by a beveled lap through which the screws pass, securing them to the oar. A groove 7, is cut into each band B and around its outer circumference in which the ring *a* fits and runs.

Fig. 2 shows front view of ring *a* closed on band B, dotted line showing ring *a* as when open. The ring *a* is in halves, hinged at the top by a bolt 1, to which a latch 2 is riveted, dotted lines showing latch 2 as when raised.

A notch 6, is cut in the band B, at the side of the groove 7, into which the latch 2 falls, which locks the oar. When the latch 2 is raised, the oar rotates.

One half of the ring *a* terminates at its base, in a bolt 3, which passes through the head of the shank 4 far enough to allow the other half to close upon it, where it is held in position by a pin 5, which passes through both ring *a* and bolt 3.

The bolt 3 rotating in the shank 4, gives the oar the required vertical motion.

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

1. An oar lock having a pintle and thole ring hinged thereon by suitable lugs, said ring being divided into two hinged sections, the lug on one of which is perforated for the reception of a key to lock the same in engagement with the hinge bolt of the pintle.

2. A pintle having a thole ring thereon, said ring being composed of diametrically divided hinged sections, having lugs on their free ends for engaging with the pintle, and a latch on one of the sections, in combination with a grooved collar attached to the oar and having a recess therein for receiving the latch and locking the ring to the oar.

CHARLES NORMAN.

Witnesses:

ROME CHANDLER,
AUGUST SCHMIDT.