W. B. PADGETT.

Adjustable Row-Locks.

No. 196,163. Patented Oct. 16, 1877.

Fig. 2.

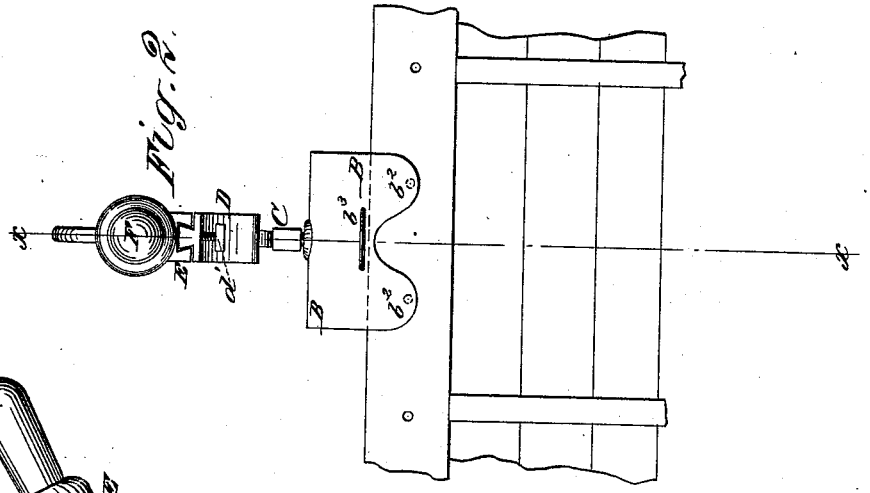
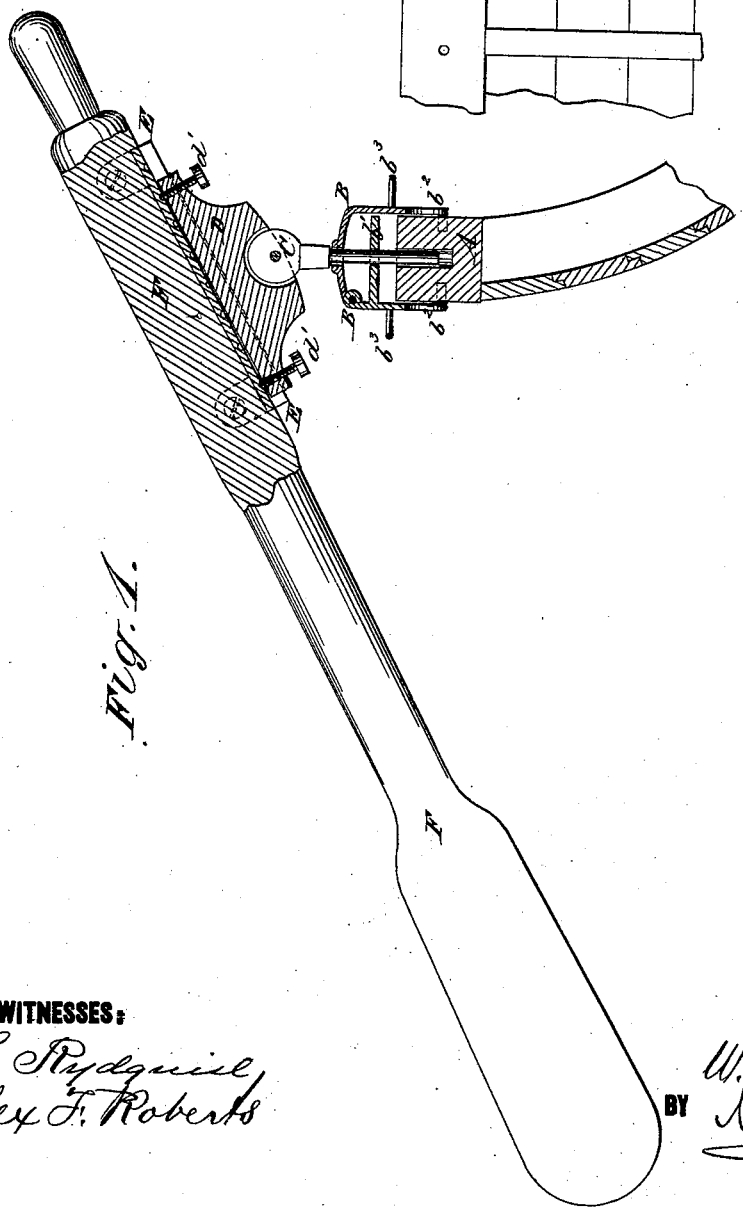


Fig. 1.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM B. PADGETT, OF BATESVILLE, ARKANSAS.

IMPROVEMENT IN ADJUSTABLE ROWLOCKS.

Specification forming part of Letters Patent No. **196,163,** dated October 16, 1877; application filed September 12, 1877.

To all whom it may concern:

Be it known that I, WILLIAM B. PADGETT, of Batesville, in the county of Independence and State of Arkansas, have invented a new and useful Improvement in Adjustable Oar-Locks, of which the following is a specification:

Figure 1 is a vertical section of my improved device, shown as connecting an oar to the side of a boat. Fig. 2 is a side view of the same.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved device for connecting oars to the sides of boats, which will enable the oar to be worked with less friction, and consequently with less loss of power, than when other fastenings are used; which will enable the oar to be let go and again caught without danger of losing it in the water; which will enable the oars to be adjusted toward or from the oarsman, and to be lengthened and shortened as desired; which may be easily and quickly attached to and detached from the boat; and which will enable the oars, when left to themselves, to so adjust themselves that they will not catch upon brush or other obstructions.

The invention consists in the combination of the hinged U-plate, provided with the flange and the pins, the pivot-pin, the block, provided with the dovetailed tongue and the set-screws, and the plate, provided with a dovetailed groove, with each other, for connecting an oar with the side of a boat, as hereinafter fully described.

A represents the upper part of the side of a boat. B is a U-shaped plate, which is made of such a size as to receive the edge A of the boat between its arms, and which is made in two parts hinged to each other at one side or angle of its bend.

The smaller part of the plate B has a flange, b^1, formed upon it a little below its hinge, which is parallel with the bend, and extends nearly to the other side or arm of the plate.

Upon the inner side of the edges of the plate B are formed, or to them are attached, pins b^2, which enter holes in the sides of the edge A of the boat to keep the said plate in place upon said edge.

In the center of the bend of the plate B and of the flange b^1 are formed holes to receive the pivot-pin C, which passes through them and enters a hole in the top of the edge A of the side of the boat.

Several holes are formed in the sides and top of the edge A of the boat to receive the pins b^2 C, so that the device can be placed nearer to or farther from the oarsman, as may be required.

The holes in the top and sides of the edge A of the boat are made large enough to receive metallic eyelets or bushes to prevent wear.

With this construction, when the pivot-pin C is in place the hinged plate B will be securely locked in place, but may be readily detached when said pin C is taken out.

Upon the side parts of the hinged plate B may be formed loops or handles b^3, for convenience in applying and removing it.

The upper end or head of the pivot-pin C is made circular in form, and is pivoted in a semicircular notch in the block D, so that the said block D may rock longitudinally upon the head of the said pin C.

The upper edge of the block D has a dovetailed tongue formed upon it to fit into a dovetailed groove formed in the lower side of the plate E, where it is secured in place by set-screws d'.

The plate E fits upon and is secured to the oar F by rivets or screws.

In the case of very large oars the plate E may be made flat and bolted to the oar.

By this construction, by loosening the set-screws d' the oar may be slid out or in upon the block D to lengthen or shorten it, as the width of the boat may require.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination of the hinged U-plate B, provided with the flange b^1 and the pins b^2, the pivot-pin C, the block D, provided with the dovetailed tongue and the set-screws d', and the plate E, provided with a dovetailed groove, with each other, for connecting an oar with the side of a boat, substantially as herein shown and described.

WILLIAM B. PADGETT.

Witnesses:

M. A. WYCAUGH,

T. B. PADGETT.