J. J. CURRIER.

ROW-LOCK.

No. 191,752. Patented June 12, 1877.

Fig. 1.

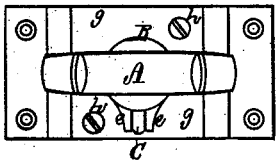


Fig. 2.

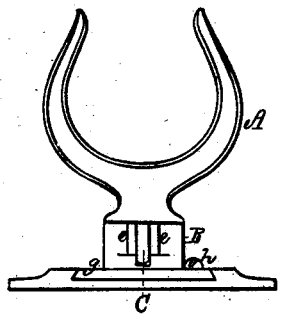


Fig. 3.

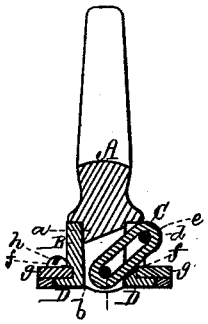


Fig. 4.

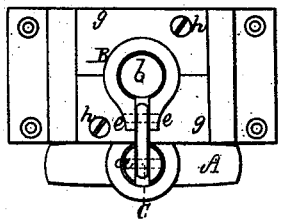
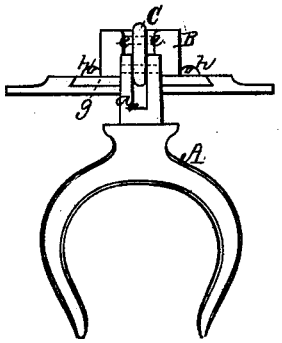


Fig. 5.



Witnesses.

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UNITED STATES PATENT OFFICE.

JOHN J. CURRIER, OF GLOUCESTER, MASSACHUSETTS, ASSIGNOR TO ISRAEL C. MAYO, OF SAME PLACE.

IMPROVEMENT IN ROWLOCKS.

Specification forming part of Letters Patent No. **191,752**, dated June 12, 1877; application filed April 30, 1877.

To all whom it may concern:

Be it known that I, JOHN J. CURRIER, of Gloucester, of the county of Essex and State of Massachusetts, have invented a new and useful Improvement in Rowlocks for Boats; and do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a top view, Fig. 2 a front elevation, and Fig. 3 a transverse section, of a rowlock and bracket or base-plate embracing my improvement. Fig. 4 is a top view, and Fig. 5 a front elevation, representing the rowlock as turned down.

My invention consists as follows: first, in the combination of a rowlock provided with a furcated tenon, with a rotary socket-piece and a connection-link; second, in the combination of a base-plate, the rotary socket-piece, a link, and a rowlock provided with a furcated tenon, all being essentially as hereinafter explained; third, in the base-plate and certain holding-plates, in combination with the grooved socket-piece, all as set forth; fourth, in a rotary socket-piece, in combination with a rowlock provided with a tenon to enter such socket-piece.

In such drawings, the rowlock A is represented as provided with a furcated tenon, *a*, to enter and fit a socket, *b*, in a rotary socket-piece, B, the said tenon and socket-piece being connected by a link, C, and by pins *c d* going through it and the tenon, and two ears, *e e*, extending from the socket-piece.

This socket-piece is so applied to its sustaining-bracket or support-plate D as to be capable of being revolved horizontally thereon. To this end the support-piece B has a groove, *f*, made in and around it, to receive two plates, *g g*, that are fitted to or into the plate D, and are held thereto by screws *h h*, all being substantially as represented. The said plate D, when in use, is to rest upon and be fastened to the gunwale of a boat.

When the rowlock is in the socket-piece, the latter can revolve with the former, and will be turned thereby. By lifting the rowlock out of the socket-piece, such rowlock may be turned down, in manner as shown in Figs. 4 and 5, and still be in engagement with the said socket-piece. When the tenon of the rowlock is within the socket-piece, the link folds or is within such tenon in manner as shown in Fig. 3.

From the above it will be seen that it becomes an easy matter to turn the rowlock down on either side of the gunwale of the boat, as occasion may require.

I claim—

1. The combination of the rowlock and its furcated tenon with the rotary socket-piece and the connection-link, all being arranged and applied substantially as set forth.

2. The combination of the base-plate, the rotary socket-piece, the link and the rowlock, provided with the furcated tenon, all being arranged and applied substantially as set forth.

3. The base-plate and the holding-plates, in combination with the grooved socket-piece, arranged therewith, as set forth.

4. The rotary socket-piece, in combination with the rowlock, provided with a tenon to enter such socket-piece.

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Witnesses:

R. H. EDDY,

J. R. SNOW.