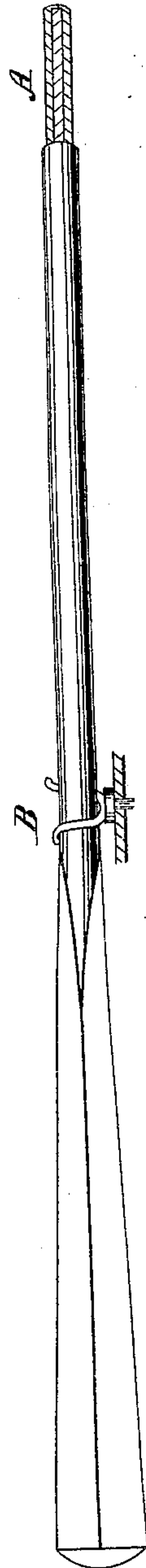
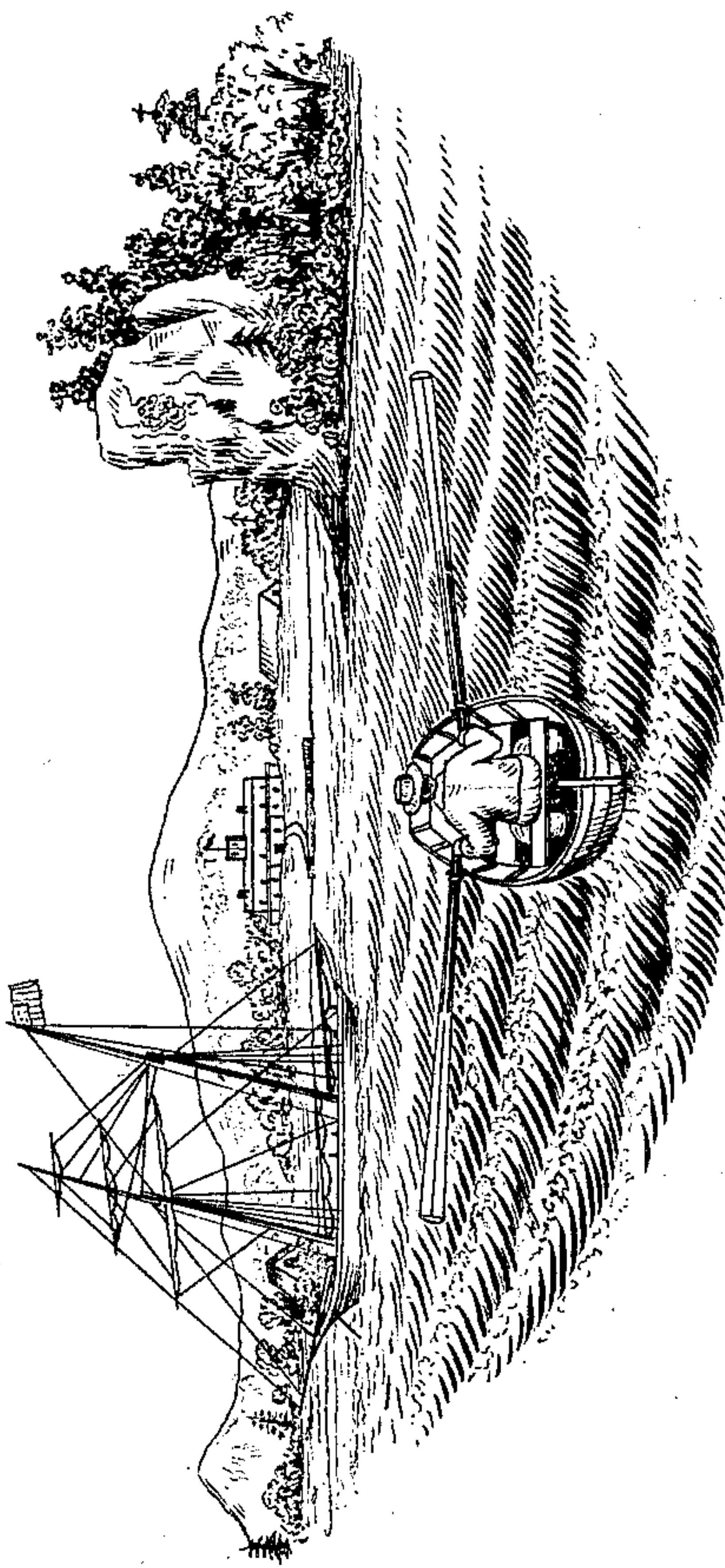
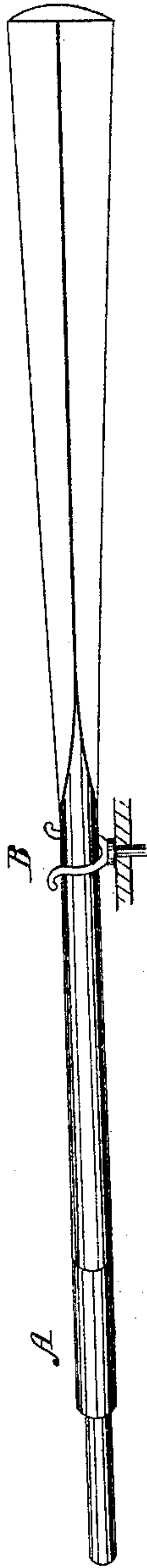


B. J. Kellam.
Oar.

N^o 62,755.

Patented Mar. 12, 1867.



Witnesses,

N. J. Myer
W. L. Long

Inventor,

B. J. Kellam.

United States Patent Office.

BENJAMIN J. KELLAM, OF TREMONT, NEW YORK.

Letters Patent No. 62,755, dated March 12, 1867; antedated February 15, 1867.

IMPROVED OAR.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, BENJAMIN J. KELLAM, of Tremont, Westchester county, in the State of New York, captain in the revenue service, have invented a new and useful Balance-Oar for rowing or propelling a boat; and I do hereby declare that the following is a full, clear, and exact description of the same.

The object of my invention is to balance the oar in the row-lock, and by that result to save the labor and fatigue of lifting and carrying forward the blade of the oar in the operation of rowing boats.

The following is a description of the method and manner of producing the balance, to wit, by loading or banding, or both, the oar between the row-lock and the handle end with metal or other substances than wood. For example, an oar of twelve feet necessarily projects more than two-thirds of its length outward from the side of the boat; and consequently less than one-third of its length is inboard, and the weight to be raised in the action of rowing is considerable. Now, to obviate this lifting, and facilitate the carrying the blade of the oar forward for the next stroke, I weight the inboard or handle part of the oar, represented by the letter A in the drawing, with lead or other metal; either by a band, or by inserting the same in the body of the oar which is inboard, so that when placed in proper position for rowing, the oar resting in the row-lock, represented by letter B, will be perfectly balanced, and the lifting of the oar will be obviated and the propelling power increased.

What I claim as my invention, is—

The construction of a balancing oar in the manner shown and described.

BENJAMIN J. KELLAM.

Witnesses:

N. J. WYETH,
F. P. LOVEGROVE.