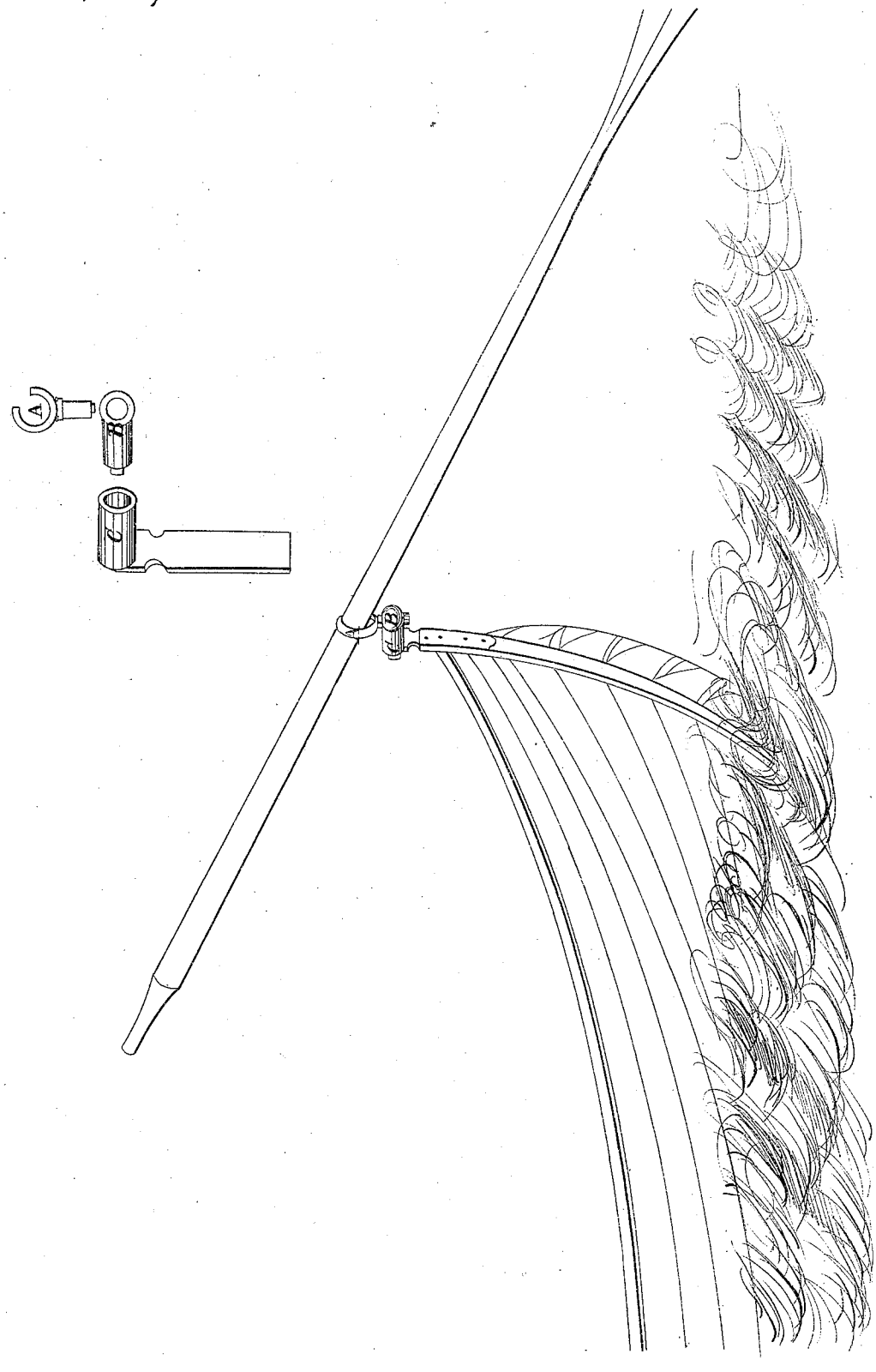
H. Nichols.

Steering.

No. 2,259. Patented Sept. 18, 1841.




N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

# UNITED STATES PATENT OFFICE.

HOWARD NICHOLS, OF NEW BEDFORD, MASSACHUSETTS.

## IMPROVEMENT IN STEERING-BRACES FOR BOATS.

Specification forming part of Letters Patent No. **2,259**, dated September 18, 1841.

*To all whom it may concern:*

Be it known that I, HOWARD NICHOLS, blacksmith, of New Bedford, in the county of Bristol and Commonwealth of Massachusetts, have invented a new and useful Improvement in Machines to be Used in Steering Whale-Boats and other Boats, called a "Steering-Brace," of which the following is a specification.

The nature of my invention consists in an apparatus of iron or other metal to be attached to the stern-post or other part of the stern of the boat, through which apparatus the oar passes, and by means of which the oar may be moved or worked both vertically and horizontally. I will proceed to describe its construction and operation, and I refer to the accompanying drawing.

The drawing represents the whole apparatus attached to the boat, and also its separate parts.

A is a ring, in which the oar is worked, and the ring may be made of any convenient form. From the lower part of ring A extends a bolt which passes through the horizontal bolt B, resting on a shoulder, and turning in its socket in B, and thus giving ring A and the oar a horizontal motion. The left-hand end or projection of B passes through a horizontal opening or socket in C, in which it plays or works, and thus gives to ring A and the oar the capacity of a vertical or dipping motion.

The lower part of C is a plate, by which the apparatus is attached to the boat by means of bolts, screws, and nuts, or otherwise.

What I claim as my invention, and desire to secure by Letters Patent, is—

The method of steering boats by passing the oar through a ring of metal which is connected with the stern of the boat by a double joint, constructed substantially as herein described, by means of which the oar can be moved vertically and horizontally, as herein described.

HOWARD NICHOLS.

Witnesses:
J. H. W. PAGE,
T. D. LINCOLN.