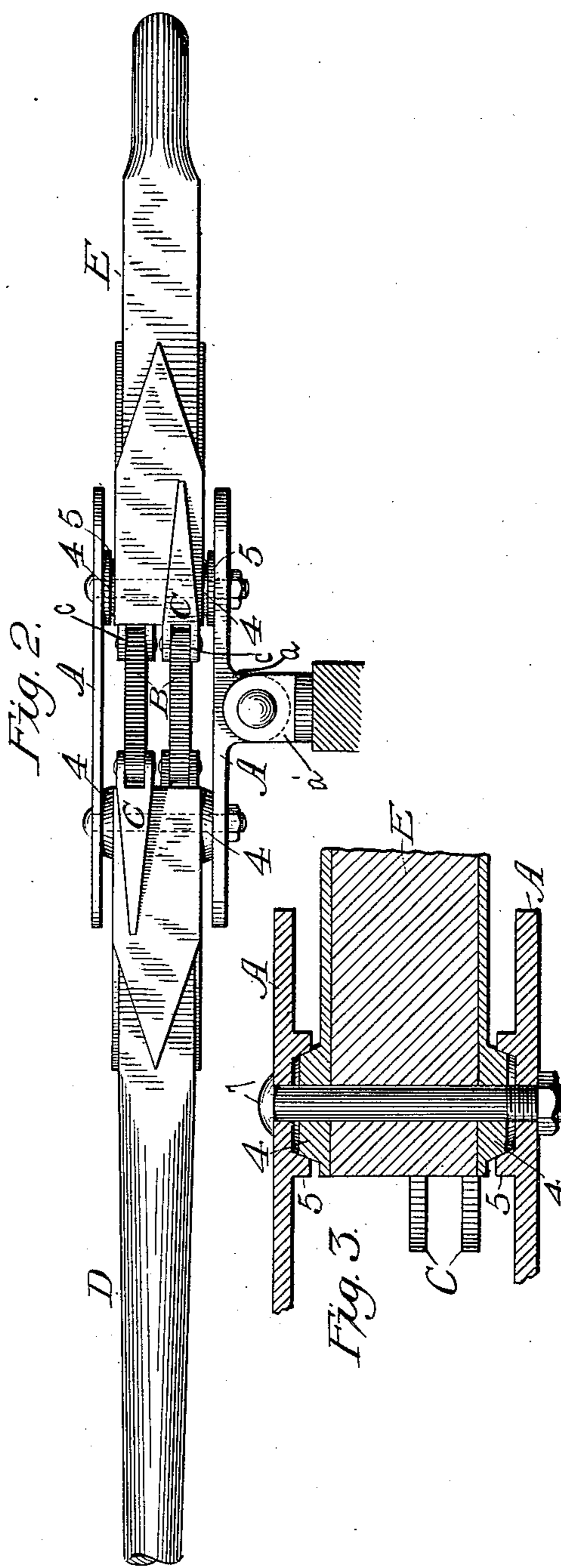
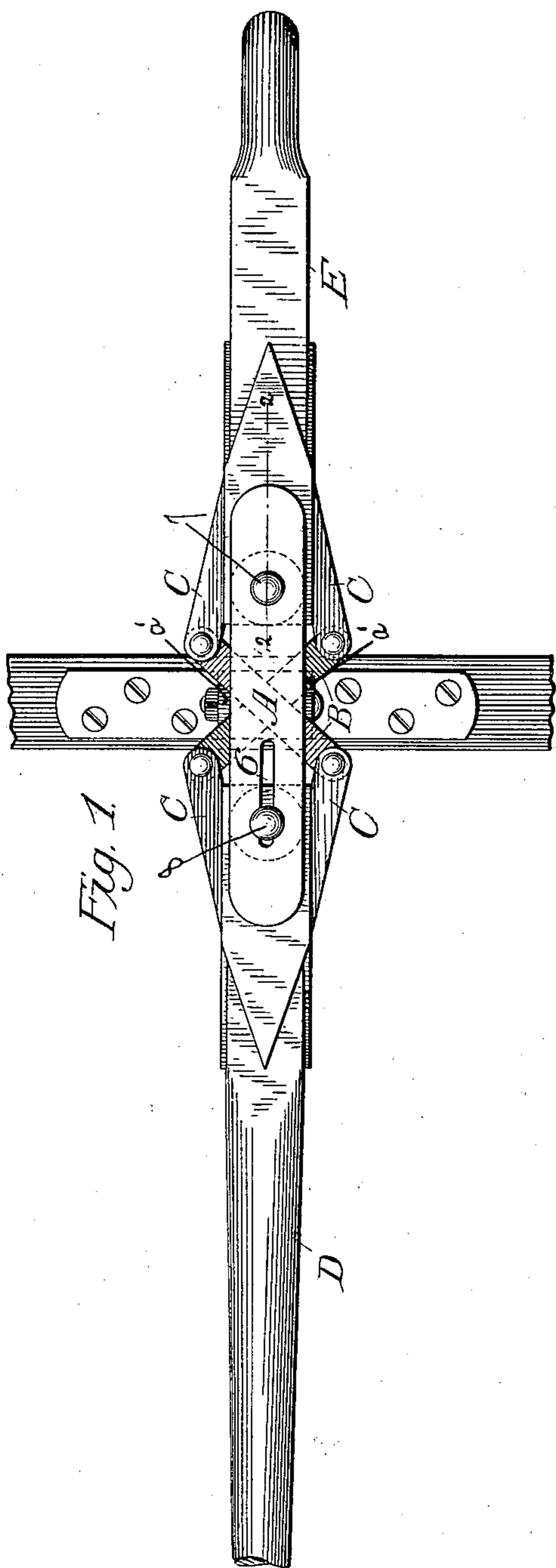


(Model.)

O. B. SHEDD.
BOAT OAR.

No. 594,761.

Patented Nov. 30, 1897.



Witnesses.

Edw. J. Archer
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UNITED STATES PATENT OFFICE.

ORLANDO B. SHEDD, OF DOLGEVILLE, NEW YORK.

BOAT-OAR.

SPECIFICATION forming part of Letters Patent No. 594,761, dated November 30, 1897.

Application filed January 21, 1896. Serial No. 576,354. (Model.)

To all whom it may concern:

Be it known that I, ORLANDO B. SHEDD, a citizen of the United States, residing at Dolgeville, in the county of Herkimer and State of New York, have invented new and useful Improvements in Boat-Oars, of which the following is a full, clear, and exact description of the invention.

This invention relates to boat-oars, and has for its object to provide an improved construction by means of which the oarsman is enabled to sit facing the bow of the boat, whereby he has at all times an unobstructed view of the course he is steering.

To this end my invention consists in the features and in the construction, arrangement, and combination of parts hereinafter described, and particularly pointed out in the claim following the description, reference being had to the accompanying drawings, forming a part of this specification, wherein—

Figure 1 is a plan view of my improved oar, showing it secured in place on the gunwale of a boat. Fig. 2 is a side elevation thereof, and Fig. 3 is a vertical section of a part of the oar on the line 2 2 of Fig. 1.

Referring to the drawings, the letters D and E indicate the two parts of the oar, D being the blade and E the handle. Fitted over the adjacent ends of the parts D and E are metallic caps C C, which have cast integrally therewith on their opposite sides perforated ears or lugs c c. Pivoted to said lugs are links B B, which cross each other and extend diagonally to opposite corners of the caps C C. Parallel plates A A' are disposed on the upper and lower sides of the two parts of the oar and are bolted thereto by bolts 7 and 8. One of the bolts, as 8, works in slots formed in the plates A and A', which permits of the two parts of the oar being folded into parallelism when not in use. Surrounding the bolt-holes on the opposite sides of the caps C C are frusto-conical-shaped bosses 4 4, which take into or fit correspondingly-shaped recesses 5 5 on the

plates A A', forming bearings which insure the easy working of the two parts of the oar and by means of which wear may be compensated for. The lower plate A' is provided with a depending ear a, which is pivoted between corresponding ears a' a', bolted to the gunwale of the boat, as most clearly shown in Fig. 1.

The operation of the device will be readily understood. The oarsman sits facing the bow of the boat, and as he draws the handle E of the oar toward him the latter turns about the bolt 7 as a pivot, and the links B B operate to move the blade D of the oar in the same direction, said blade turning on the bolt 8 as a pivot, one of the links exerting a pulling action on the oar-blade and the other link exerting a pushing action thereon. By pivoting the oar to the gunwale of the boat, as shown, the desired inclination and dip may be given to the oar.

By means of my improved oar the oarsman is enabled to sit facing the bow of the boat and thus has at all times an unobstructed view of the course he is steering.

Having described my invention, what I claim is—

The combination with an oar formed in two parts of caps fitted over the adjacent ends of said parts and provided on their opposite sides with perforated lugs or ears, diagonally-crossed links pivoted at their opposite ends to said lugs or ears, frusto-conical-shaped bosses formed on the upper and lower sides of said caps, parallel plates bolted to the upper and lower sides of the caps and provided with conical recesses in which said bosses have bearing, and means for pivotally attaching the lowermost of said plates to the gunwale of a boat, substantially as described.

ORLANDO B. SHEDD.

Witnesses:

D. F. BARNEY,
ALFRED FRANZE.