(No Model.)

G. B. STANTON.

OAR.

No. 300,915. Patented June 24, 1884.

Fig. 3.

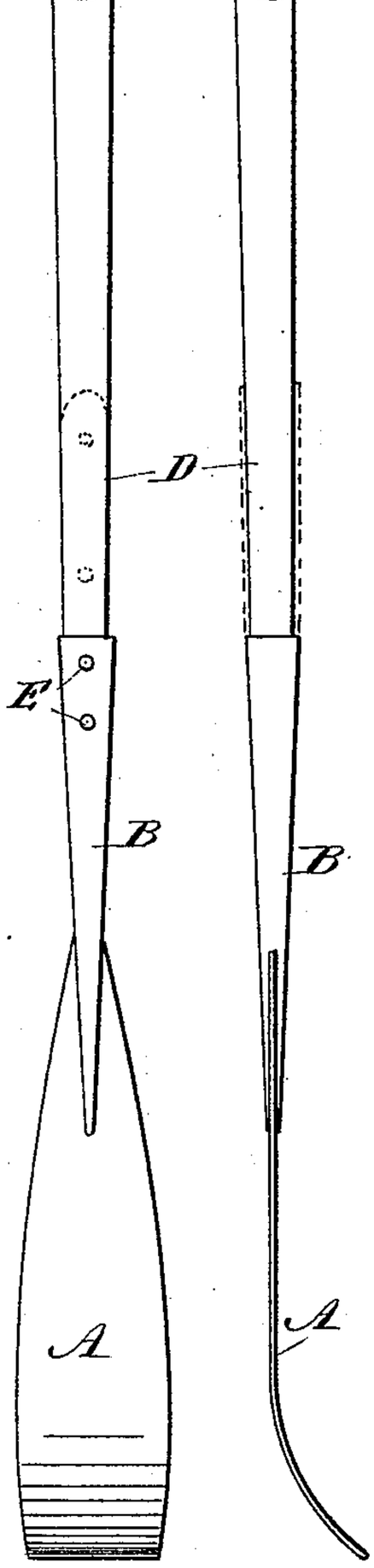


Fig. 4.

Fig. 1.

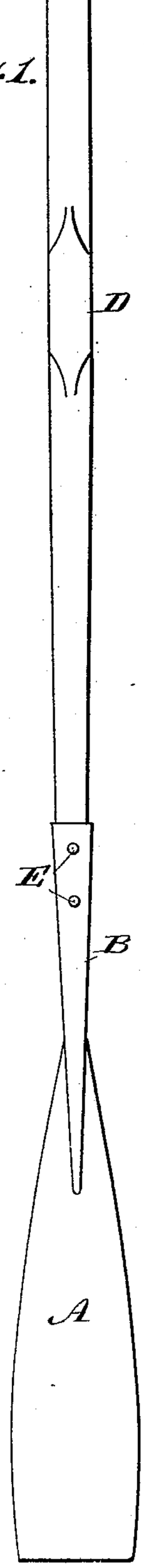


Fig. 2.

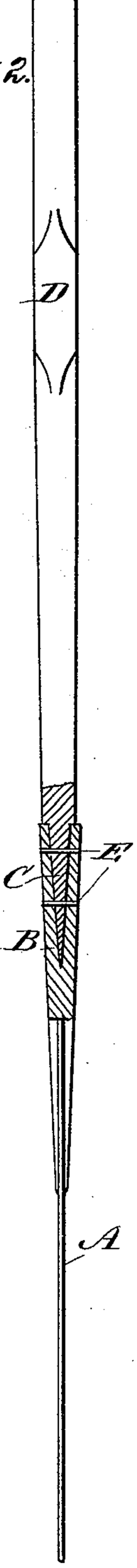


Fig. 5.

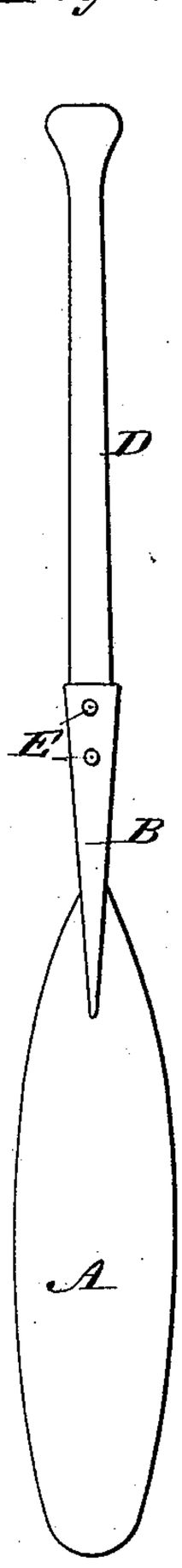
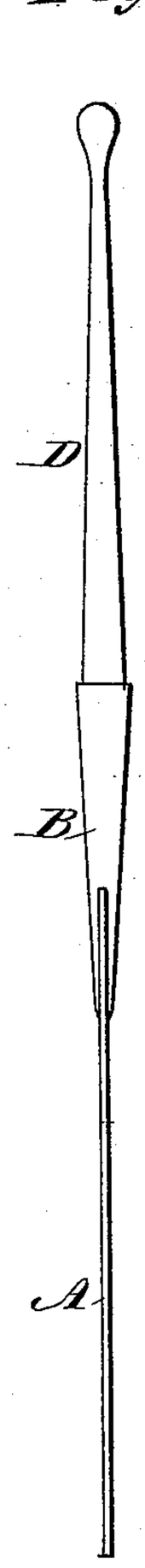


Fig. 6.



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GEORGE BARNEY STANTON, OF LONG LAKE, NEW YORK.

OAR.

SPECIFICATION forming part of Letters Patent No. 300,915, dated June 24, 1884.

Application filed March 28, 1884. (No model.)

To all whom it may concern:

Be it known that I, GEORGE B. STANTON, of Long Lake, county of Hamilton, and State of New York, have invented a new and useful Improvement in Oars, of which the following is a full, clear, and exact description.

My invention relates to certain improvements in that class of oars in which the wooden stock was slotted for the reception of a metallic blade, which blade was inserted in the slot to a point near its end and riveted. Oars of this kind lacked that flexibility found so desirable by oarsmen; and my invention consists in forming a flexible blade of sheet metal, and with a socket for the reception of the stock, the blade being very narrow at its juncture with the socket.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a longitudinal face view of my improved oar. Fig. 2 is a longitudinal sectional elevation of the same. Fig. 3 is a longitudinal view of a spoon-oar provided with my improvement. Fig. 4 is a longitudinal edge view of the same. Fig. 5 is a longitudinal face view of a paddle of my improved construction, and Fig. 6 is a longitudinal edge view of the same.

The oar-blade A, made of sheet metal, is provided at its upper end with a tapered metal socket, B, for receiving the tapered end C of the stock D of the oar. Rivets E are passed through the sockets and the tapered end of the stock, to hold the socket on the stock. The blade A can be made flat and in the same plane throughout, as shown in Figs. 1 and 2; or it can be constructed at its free end to form a spoon-oar, as shown in Figs. 3 and 4; or its side edges can be rounded, as shown in Figs. 5 and 6, to form a paddle for a canoe. In all cases the stock is made of wood, and the blade is made of metal and provided with a socket for receiving the end of the stock. The metal blade is more durable than a wooden blade, will not warp or split, it springs easily, does not splash in entering or leaving the water, and the upper end of the blade and the lower end of the socket can be made very slender, so as to cause very little back-water. As shown in dotted lines in Figs. 3 and 4, the socket B can have plates formed upon it to extend along the oar-stock for the purpose of strengthening the said stock.

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

1. As a new article of manufacture, the flexible sheet-metal blade A, formed with a socket, B, and made narrowest at its junction with the said socket, substantially as set forth.

2. An oar constructed as described, and consisting of the flexible sheet-metal blade A, provided with a socket, B, and made narrowest at its junction with the said socket, and stock D, secured within said socket by the rivets E, substantially as shown and described.

GEORGE B. STANTON.

Witnesses:
EDWIN STANTON,
ISAAC SOBATTIS.