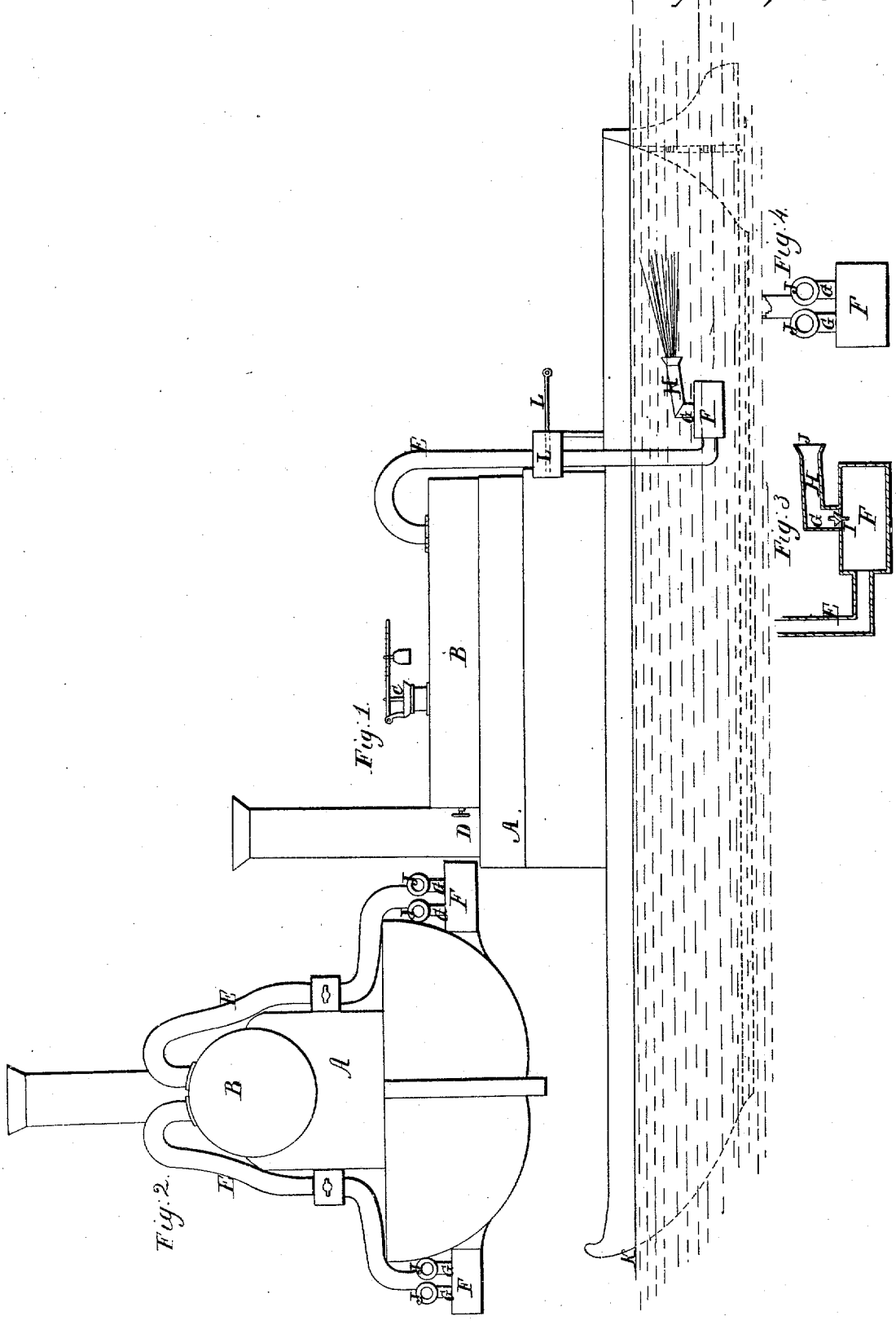
T. Beach

No Printed Specification Available

# Pneumatic Propeller.

No. 5901X

Patented Apr. 2, 1830.




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

X5101 — April 2 1830 — 36

Timothy Beach of Clinton County Ohio

# Letters Patent

The Schedule referred to in these Letters Patent and making part of the same containing a description of the mode of the said Timothy Beach himself of his improvement in the art of Propelling Boats

To all to whom these presents shall come. Be it known that I Timothy Beach of the County of Clinton and State of Ohio. have invented a new and useful improvement in propelling Boats. & that the following is a full and exact description of the construction and operation of said machine as invented or improved by me. Viz Reference being had to the annexed sketch A is a furnace. B is the Boiler. C Safety valves. D Steal Cock. E. the pipe conducting the steam from the boiler to the Steam Chest F. GG Perpendicular cylinders or tubes extending from the steam chest to the horizontal or oblique tubes HH. II ingenious valves moving in the inside of the oblique Tubes. JJ Issues in the ends of the tubes HH. The dotted lines are intended to represent a Boat immersed in water to the horizontal line K in consequence of the Boat being immersed in water. the valves II opening inwardly admit the water into the tubes HH and from thence into the perpendicular tubes or cylinders GG. The steam passes thro the pipe E into the steam chest F & by an alternate motion of sliding valves the steam is permitted to act on the surface of the Water in the Cylinders G.G. which causes the water to discharge with the velocity at the Issues JJ. which acting against the surrounding water impels the Boat forward — What I claim as my invention or improvement in the Application & construction generally of the above described machine.;

Witnesses
Cyprus Ferguson
Morris O Chase

Timothy Beach.

316 words