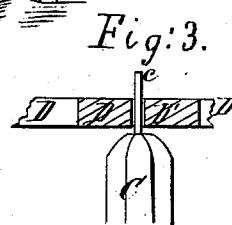
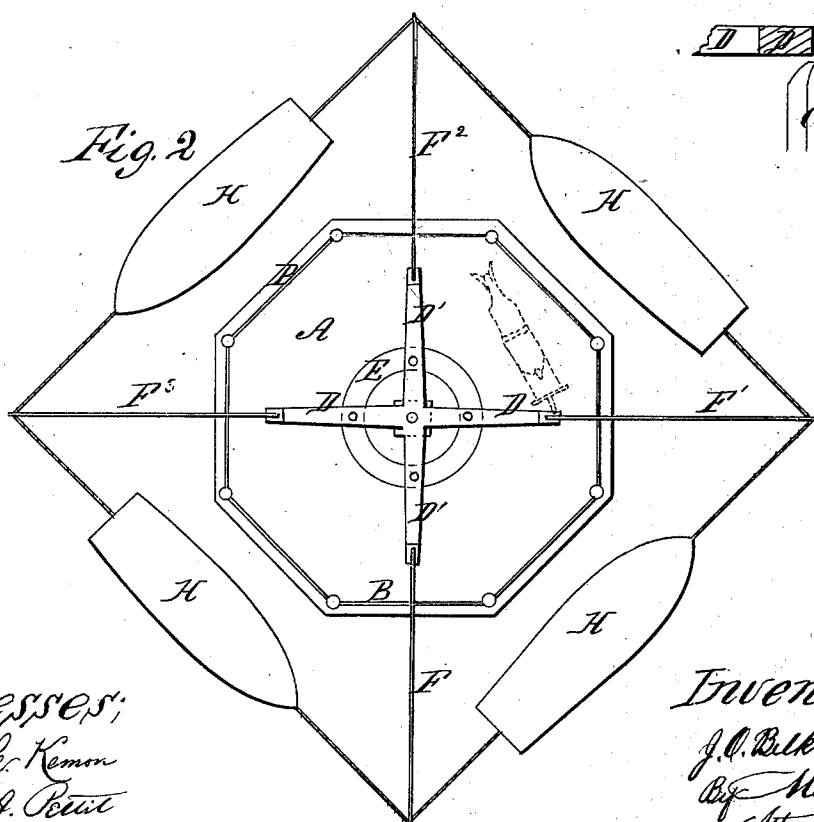
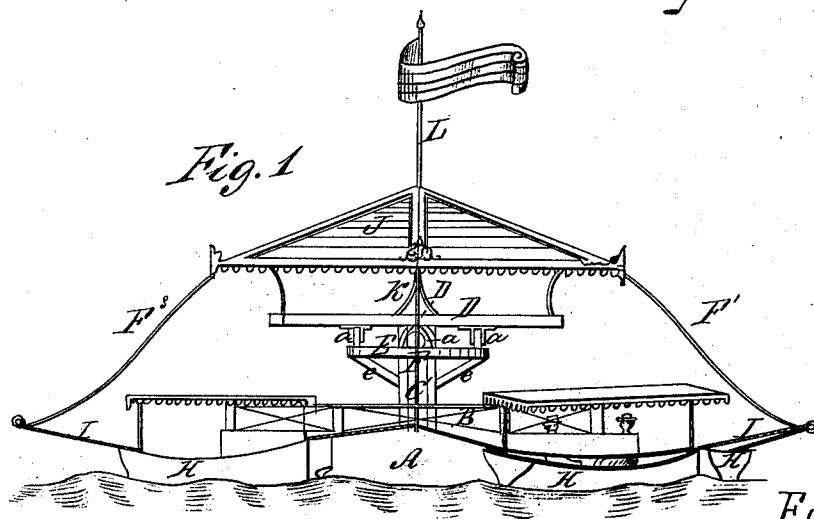


J. O. Belknap,
Roundabout,
No 78,043, Patented May 19, 1868.



Witnesses:
John C. Kemmer
Chas. A. Peew

Inventor:
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United States Patent Office.

J. O. BELKNAP, OF MOBILE, ALABAMA.

Letters Patent No. 78,043, dated May 19, 1868.

DEVICE FOR PROPELLING PLEASURE-BOATS.

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, J. O. BELKNAP, of the city and county of Mobile, and State of Alabama, have invented a new and improved Device for Propelling Pleasure-Boats; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a side elevation.

Figure 2 is a top view.

Figure 3 is a detached view of the upper end of the standard C.

This invention is a neat and ornamental apparatus for moving pleasure-boats in a circle around a central standard, by means of horse-power.

In the drawings, A represents a circular or polygonal wharf, surrounded on all sides by water, and provided with a railing, B, around it. At the centre of the wharf rises a stout standard, C, having a pin or gudgeon, *c*, in its upper end. This standard supports a frame, consisting of two horizontal crossed beams, D D', which frame rotates freely in a horizontal plane upon the gudgeon *c*.

The frame may be further supported, and its motion steadied, by means of rollers or casters, *a a*, attached to its under side, and running upon a circular track. The track may be made in the form of a circular or annular platform, E, supported upon independent posts, or upon arms, *e e*, branching out from the main standard, C.

From the outer ends of the beams D D', sweeps, F¹ F² F³, extend upward, then outward and downward nearly to the surface of the water, where the boats H H are attached to them by a rope, I, and are caused to sail around the wharf by means of horse-power, or other power, applied to the sweeps or to the frame D D', as seen in fig. 2. A neat canopy, J, supported upon a frame, K K, which rests upon the frame D D', and is carried round with it, may be employed in connection with the apparatus. The central pole of the frame K, shown at L, may extend up through the apex of the canopy, answering the purpose of a flag-staff.

The whole apparatus can be erected and maintained at but little expense, and will form an ornamental and very desirable appurtenance to a gentleman's grounds. It will be far safer for the use of children than is the ordinary sail-boat, and can be employed in all kinds of weather, operating as well in a calm as at any other time.

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

The employment of a revolving frame, working on a vertical standard, and having arms or sweeps, to which pleasure-boats may be attached, for the purpose of propelling such boats on the water, substantially in the manner above set forth.

J. O. BELKNAP.

Witnesses:

C. O. CROCKER,

R. G. WIER.