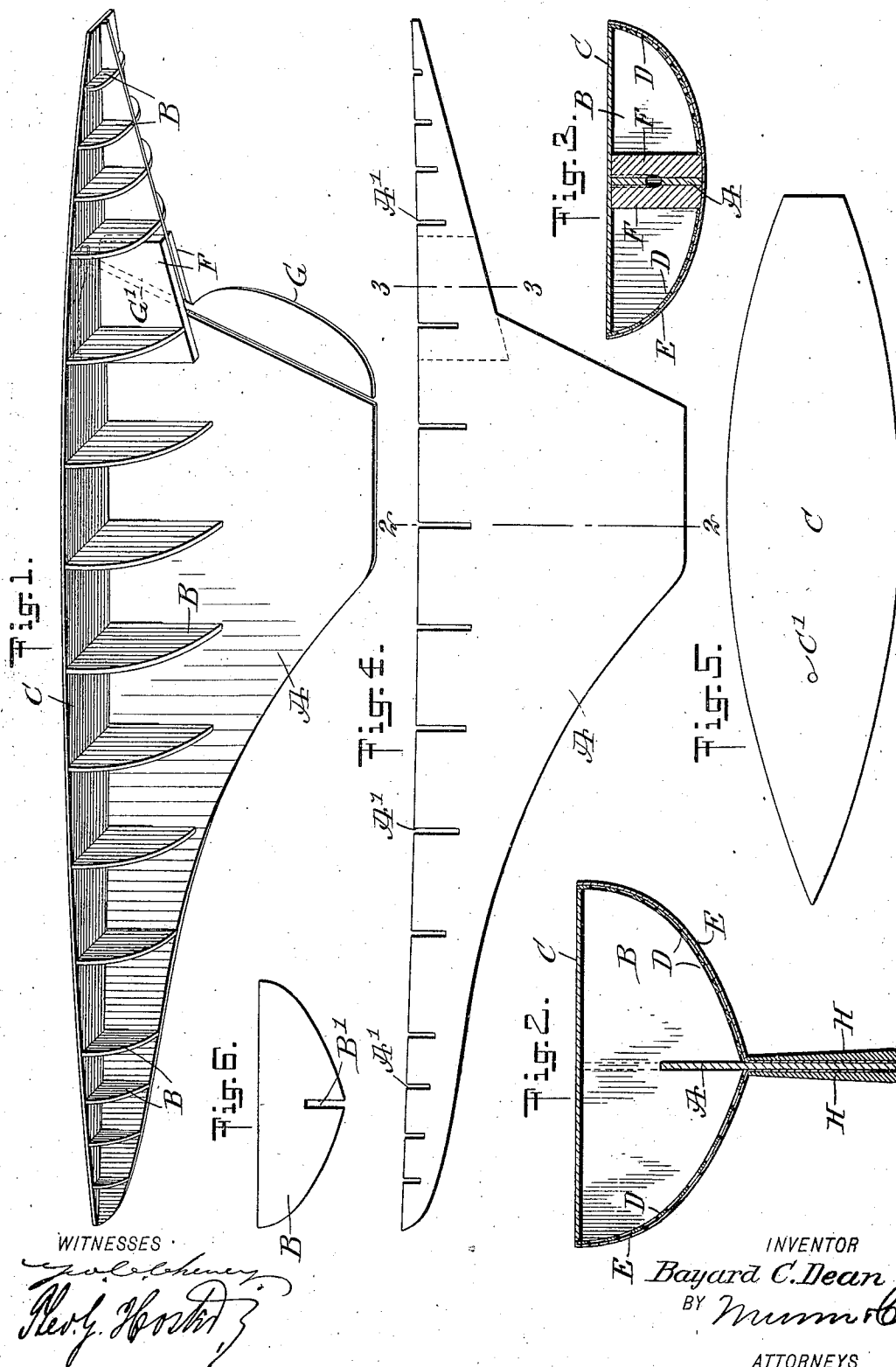


No. 833,511.

PATENTED OCT. 16, 1906.

B. C. DEAN.
TOY MARINE VESSEL.
APPLICATION FILED JUNE 14, 1906.



UNITED STATES PATENT OFFICE.

BAYARD CLIFTON DEAN, OF KEENE, NEW HAMPSHIRE.

TOY MARINE VESSEL.

No. 833,511.

Specification of Letters Patent.

Patented Oct. 16, 1906.

Application filed June 14, 1906. Serial No. 321,645.

To all whom it may concern:

Be it known that I, BAYARD CLIFTON DEAN, a citizen of the United States, and a resident of Keene, in the county of Cheshire and State of New Hampshire, have invented a new and Improved Toy Marine Vessel, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved toy marine vessel made in sections adapted to be readily assembled and secured in place by children, thereby serving instruction for children, at the same time producing a marine vessel, such as a toy or miniature yacht, capable of sailing on the water.

The invention consists of novel features and parts and combinations of the same, which will be more fully described hereinafter and then pointed out in the claims.

A practical embodiment of the invention is represented in the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the skeleton of a marine vessel embodying the invention. Fig. 2 is a transverse section of the improvement on the line 2 2 of Fig. 4. Fig. 3 is a similar view of the same on the line 3 3 of Fig. 4. Fig. 4 is a side elevation of the center piece. Fig. 5 is a reduced plan view of the deck, and Fig. 6 is a face view of one of the transverse beam-sections.

The toy marine vessel, preferably in the form of a yacht, consists, essentially, of a center piece A, transverse beam-sections B, a deck C, and longitudinal strips D, secured to the outer edges of the beam-sections B and covered by a fabric material E, such as canvas or the like. The center piece A, shaped according to the form given to the yacht at the longitudinal center of the same, is provided along the upper edge with vertical slots A' and similar slots B' at the lower edge of the beam-sections B, at the middle thereof, to permit of fitting the beam-sections B into the slots A' to bring the top faces of the beam-sections B flush with the top edge of the center piece A. The several beam-sections B are shaped in cross-section to give suitable contour to the whole of the marine vessel, and when the sections B are in position they are connected with each other at their outer edges by the longitudinal strips D, over which is stretched and secured the

canvas or a like material E, as plainly indicated in Figs. 2 and 3.

The center piece A is extended below the middle beam-sections B to form a center-board keel to steady the marine vessel when used in the water.

To the center piece A, near the rear end thereof, are secured on opposite sides rudder-blocks F, and in the center piece A between the said blocks is bored a hole for the reception of the rudder-post G' for the rudder G, extending at the rear edge of the depending portion of the center piece A. If desired, weights H may be attached to the opposite sides of the center piece A at the center-board keel to give the desired stability to the marine vessel. A hole C' is bored in the deck C, near the forward end thereof, for the reception of a line, and any desired suitable rigging may be applied to the yacht, so as to allow its sailing on the water.

It is understood that the center piece A and the rudder G are preferably made of wood, while the deck C and the beam-sections are preferably formed of cardboard, and in practice I prefer to print the several pieces on a sheet of paper, so that a child can readily cut out the different parts from cardboard or wood and assemble the pieces to form the marine vessel in the manner above described, and illustrated in the drawings.

From the foregoing it will be seen that the several parts as described can be readily assembled and fastened in position, thus affording considerable amusement and instruction to the children, at the same time producing a marine vessel capable of being sailed on the water.

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

1. A toy marine vessel, comprising a center piece having spaced vertical slots at the upper edge, transverse beam-sections having slots fitting the center-piece slots, a fabric covering stretched over the said beam-sections, rudder-blocks secured to the center piece, and a rudder having its post extending between the rudder-blocks and in a hole formed in the center piece.

2. A toy marine vessel, comprising a center piece having spaced vertical slots at the upper edge, transverse beam-sections having slots fitting the center-piece slots, longitudinal strips secured to the said beam-sections, a fabric covering stretched over the said

beam-sections, rudder-blocks secured to the center piece, and a rudder having its post extending between the rudder-blocks and in a hole formed in the center piece.

5 3. A toy marine vessel comprising a vertical central longitudinal plate, transverse plates conforming on their outer ends to the contour of the hull of the vessel, and provided with slots adapted to engage the upper
10 edge of the central plate, and a fabric covering for said transverse plates.

4. A toy marine vessel comprising a vertical central longitudinal plate provided with slots in its upper edge, transverse plates conforming at their outer ends to the contour of
15 the hull of the vessel and provided with slots adapted to engage the slots formed in the upper edge of the central longitudinal plate, and a fabric covering for said transverse
20 plate.

5. A toy marine vessel comprising a vertical central longitudinal plate provided with slots on its upper edge, transverse plates con-

forming on their outer ends to the contour of the hull of the vessel and provided with slots adapted to engage the slots formed in the upper edge of the longitudinal plate, and a deck-covering bearing against the upper edges of said longitudinal and transverse plates. 25

6. A toy vessel comprising a vertical central longitudinal plate having its lower portion extended to form a keel, transverse plates arranged in a horizontal plane above said keel conforming on their outer ends with the contour of the hull of the vessel, and provided with slots adapted to engage the upper edge of the central longitudinal plate, and a fabric covering secured to the ends of the transverse plates. 30 35

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses. 40

BAYARD CLIFTON DEAN.

Witnesses:

HARRY P. PHILLIPS,
JAMES E. WOOD.