Dec. 29, 1925. 1,567,555

N. STRAUSSLER

FLOAT OR RAFT FOR SWIMMING PURPOSES AND THE LIKE

Filed Dec. 17, 1924

Fig. 1.

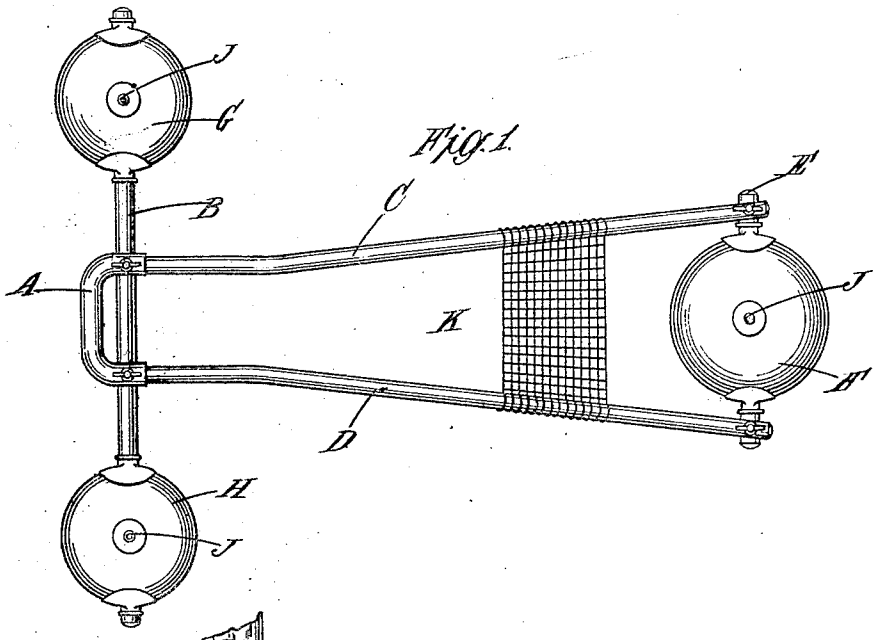
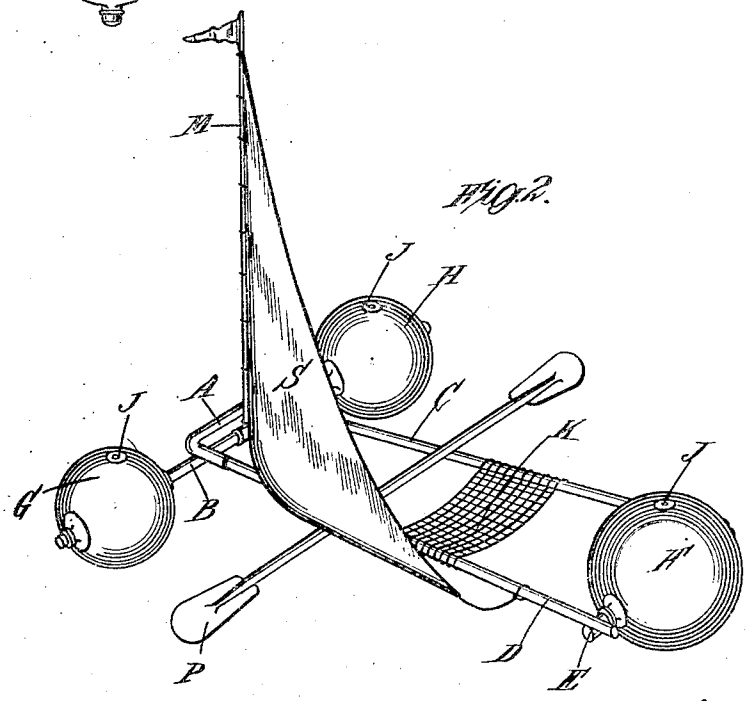


Fig. 2.



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UNITED STATES PATENT OFFICE.

NICHOLAS STRAUSSLER, OF LONDON, ENGLAND.

FLOAT OR RAFT FOR SWIMMING PURPOSES AND THE LIKE.

Application filed December 17, 1924. Serial No. 756,439.

To all whom it may concern:

Be it known that I, NICHOLAS STRAUSSLER, a Rumanian subject, residing at 32 St. Swithin's Lane, in the county of London, England, have invented certain new and useful Improvements in Floats or Rafts for Swimming Purposes and the like, of which the following is a specification.

This invention relates to floats or rafts especially suitable for use in sea bathing.

According to this invention an open framework is provided with floats arranged in a triangle and with a seat located about the centre of the said triangle. The framework may comprise a rigid U-shaped body with diverging limbs or longitudinal rods carrying a flexible or other seat and united at or near their extremities by a cross member carrying a large ball or other float within the frame, and another cross member secured transversely near the curved part of the U and carrying on its ends a pair of smaller balls or floats located outside the frame. The three floats are preferably inflatable rubber balls having tubular diametrical passages through which the cross frame member can be passed before inflation, the internal pressure in the balls after inflation causing the parts of the balls forming the tubular passages to grip the said frame members.

In order that the said invention may be clearly understood and readily carried into effect, the same will now be described more fully with reference to the accompanying drawings in which:—

Figure 1 is a plan of a raft or boat exemplifying this invention, and Figure 2 is a perspective view.

A indicates the rigid U shaped front portion of the device, with which are detachably connected a front cross member B and two long rods C, D; the rear cross member E is detachably connected across the free ends of these rods C, D, and carries a ball F of, say, 18 inches diameter. Balls G, H of, say, 14 inches diameter are carried on the ends of the member B, the three balls F, G and H being disposed approximately in an equilateral triangle. Nozzles for use in inflating the balls are indicated by the reference letters J, J. The frame may be made of wood, bamboo, aluminium tubing, or other suitable light material. A seat K of canvas, webbing, or other suitable material is secured across the members C, D so that the person using the raft can sit on the seat and lean back on the ball F, when the hands and feet are at liberty and can be used to steer or propel the raft; but a paddle P or a sail S (Figure 2) can be provided for these purposes. The sail may for example be of triangular shape, its front edge being secured to a mast M which is connected with the frame in a readily detachable manner, so that the raft may be used for sailing or paddling.

By deflating the balls and unfastening the wing-nuts T, T or the like, the raft can be easily taken to pieces and packed in a small space for storage or transport.

What I claim and desire to secure by Letters Patent of the United States is:—

1. In a device of the kind set forth, an open frame comprising two longitudinal members and means for uniting the extremities of said members to close in one end of said frame, a float secured between the extremities of said longitudinal members at the other end of said frame, two other floats carried on supports extending laterally outwards from the closed end of said frame and a seat located within said frame.

2. A device as in claim 1, in which the framework comprises a rigid U shaped body with diverging limbs or longitudinal rods carrying a flexible or other seat and united at or near their extremities by a cross member carrying a large ball or other float within the frame, and another cross member secured transversely near the curved part of the U and carrying on its ends a pair of smaller balls or floats located outside the frame.

3. In a device of the kind set forth, an open frame comprising floats carried on cross members, said floats being in the form of inflatable rubber balls having tubular diametrical passages through which said cross members can be passed before inflation, said balls when inflated being adapted to grip said cross members in said passages by the internal pressure in said balls after inflation.

4. In a device of the kind set forth, an open frame comprising two diverging longitudinal members secured at their adjacent ends to a crossbar, a float secured between said members at the ends thereof remote from said crossbar, floats carried on each end of said crossbar, and a seat attached to said members and located within said frame.

5. A bathing device of the class described comprising a diverging frame-work, a plurality of spaced floats secured adjacent to one end of said frame-work, and a single float secured adjacent to the divergent end of the frame-work and located substantially in a median plane with respect to the floats adjacent to the other end of the frame-work.

6. A bathing device of the class described comprising a frame-work, and inflatable floats having passages therethrough, portions of the frame-work passing through the passages in the floats and adapted to be retained within the floats when inflated by the internal pressure therein.

7. A bathing device of the class described comprising a rigid frame-work and inflatable supporting floats, said floats having passages through which portions of the frame-work pass, the portions of the frame-work being retained in the floats when inflated by the internal pressure therein.

8. A bathing device of the class described comprising a main frame member, a cross frame member, and inflatable supporting floats for said members, the main and cross frame members having portions thereof extending into the supporting floats and adapted to be frictionally retained within the floats when inflated by the internal pressure therein.

9. A bathing device of the class described comprising main and cross frame members, supporting floats secured to said frame members and means for securing the frame members and floats together so that they may be readily assembled and disassembled for packing.

10. A bathing device of the class described comprising a frame-work and supporting floats, said floats being in the form of inflatable flexible members having passages through which portions of the frame-work pass before inflation, said members when inflated being adapted to grip said portions of the frame-work in said passages by the internal pressure in said members.

11. A bathing device of the class described comprising main and cross frame members and flexible inflatable supporting floats frictionally secured to the frame members.

NICHOLAS STRAUSSLER.