April 25, 1961 N. R. WATERS, SR 2,980,927

WATER CHAIR

Filed July 14, 1959

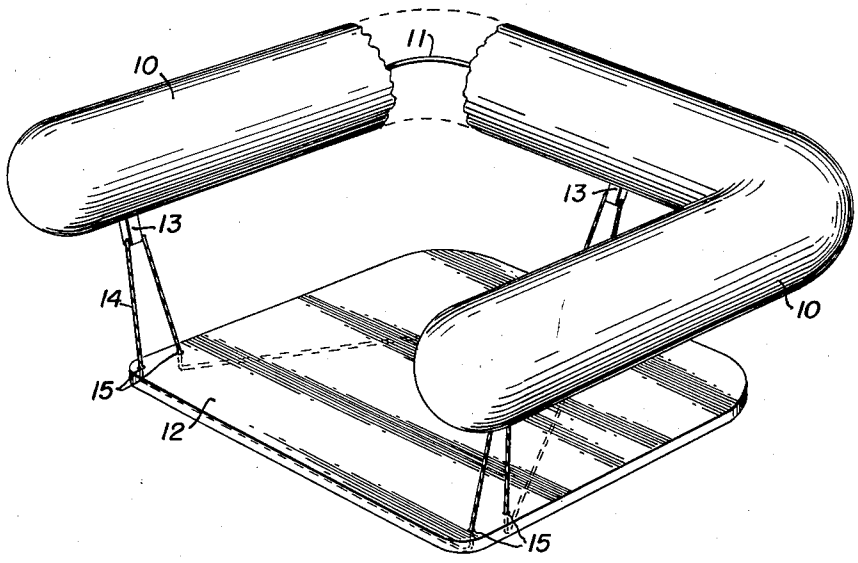


FIG. 1.

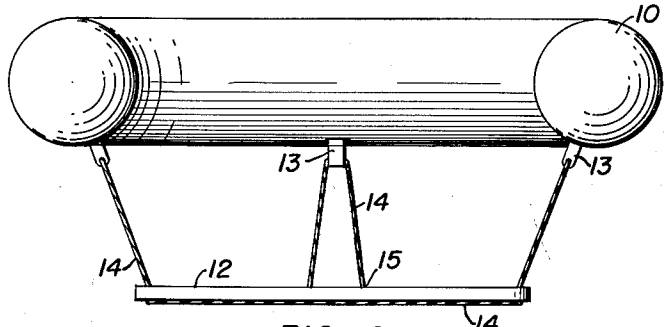


FIG. 2.

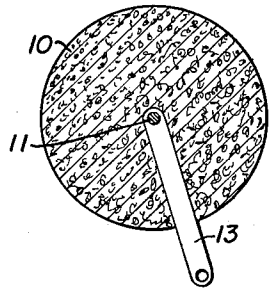


FIG. 3.

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2,980,927

Patented Apr. 25, 1961

2,980,927

WATER CHAIR

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Filed July 14, 1959, Ser. No. 827,083

1 Claim. (Cl. 9—347)

This invention relates to buoyant floats for use by bathers and has reference to a chair-like structure in which the bather may recline or paddle about in the water. The invention is also capable of other uses, for example, life saving purposes and therapeutic treatments.

An object of the invention is to provide a buoyant chair-like structure for supporting a person in the water, and which structure cannot sink by reason of being punctured.

Another object of the invention is to provide a buoyant chair for the described purpose wherein the seat may be adjustably supported at desired angles relative to the plane of the float for comfort to the person sitting therein and for other reasons, for example, it may be preferred that the seat is parallel with the float when paddling about.

Another object of the invention is to provide an inexpensive construction of synthetic resin, yet provide a float which will not sink in the event of accidental puncture.

Another object of the invention is to provide a buoyant chair made of expanded synthetic resin foam, yet one which is unusually strong and durable.

A further object of the invention is to provide a water chair in which all materials are such that they will not deteriorate for long periods of time even though subjected to fresh or salt water.

These and other objects will become apparent from the following description and the accompanying drawing, wherein:

Figure 1 is a broken perspective view of a water chair embodying the features of the invention.

Figure 2 is a front elevational view of the chair illustrated in Figure 1.

Figure 3 is an enlarged transverse sectional view of the float and showing means for attaching a seat supporting hanger.

The form of the invention shown is comprised of a U-shaped float of expanded foam material of synthetic resin, but it is to be understood that the float may consist of other shapes, for example, square, rectangular or round. The expanded synthetic resin referred to is preferably made of polystyrene pellets which are subjected to heat in a mold; however, it is to be understood that

other types of synthetic resin foam may be employed, for example, styrofoam.

Extending through the axial center of the float there is a reinforcing rod **11**, the purpose of which is to lend rigidity and safety to the herein described construction and to support a seat member **12**. The seat **12** generally conforms with the inner dimensions of the float **10** and is connected therewith by means of metal or other suitable hangers **13**, corresponding ends of which have holes therein, not numbered, and are mounted on the reinforcing rod **11**. The depending ends of the hangers also are provided with holes, not numbered, through which a nylon or other suitable cord **14** is threaded. The seat **12** is supported by the cord **14** at its forward corners and at its rear center, such supports including pairs of holes **15** through which the cord **13** is placed. The cord **13** is continuous by reason of tying or splicing, one portion of the cord extending across and beneath the forward lower surface of the chair **12**, another length of cord extending from the same hanger entering through the adjacent hole **15** in the seat and extending beneath the seat to one of a pair of holes **15** at the rear center thereof, thence upwardly and through the hole into the depending rear hanger **13** and thence to the adjacent hole in the seat and then to a hole in the forward corner of the seat. Such cord arrangement provides for slidable adjustment whereby the plane of the seat **12** may be angularly adjusted relative to the plane of the float.

A person sitting in the seat **12** has his shoulders above the float and whereby he may paddle with his arms or recline if he so desires. When reclining, it will be desirable to have the rear edge of the seat **12** a greater distance from the float than the forward edge. Further, in view of the described construction, it will be apparent that the device is not only strong and durable, but is also one which will not sink by reason of being punctured.

The invention is not limited to the construction herein shown and described, but may be made in various ways within the scope of the appended claim.

What is claimed is:

A water chair comprising an elongate float having at least three sides, said float being of foam synthetic resin, a rod embedded in and extending substantially the length of said float along the axial center thereof, a seat generally conforming with the inner dimensions of said float, and spaced therefrom, depending hangers directly connected with said rod at spaced intervals thereon, and flexible supporting means connecting said seat with said hangers.

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