No. 821,806. PATENTED MAY 29, 1906.

A. S. JOHNSTON.

PNEUMATIC SURF BOARD.

APPLICATION FILED MAY 19, 1905.

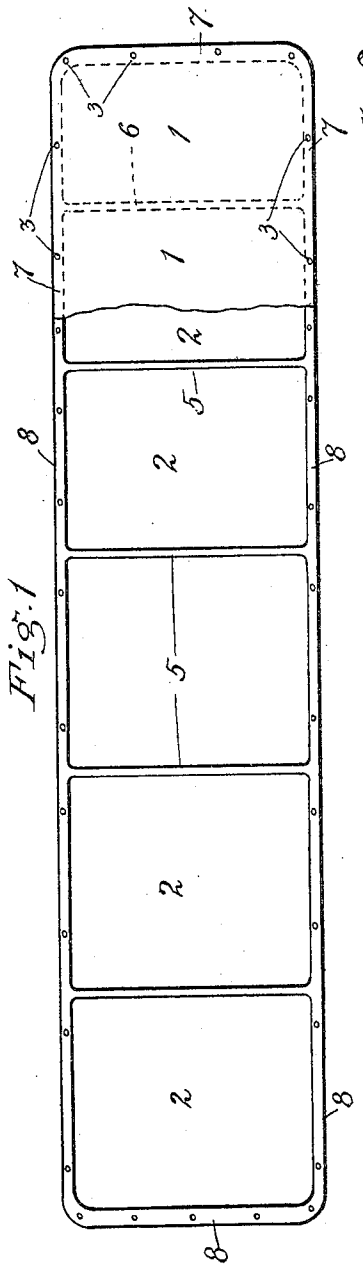


Fig. 1

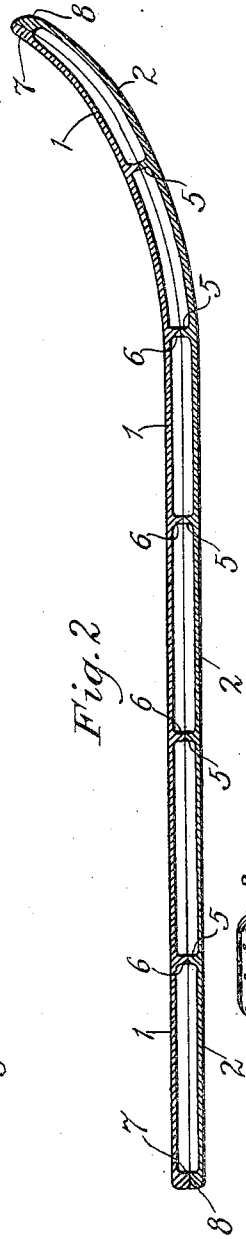


Fig. 2

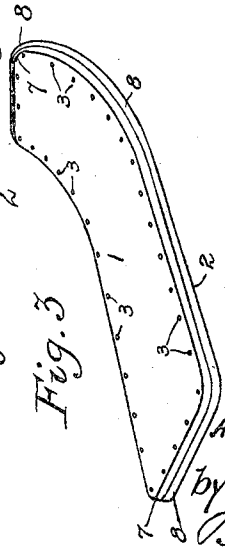


Fig. 3

Witnesses
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UNITED STATES PATENT OFFICE.

ALBERT SIDNEY JOHNSTON, OF LOS ANGELES, CALIFORNIA.

PNEUMATIC SURF-BOARD.

No. 821,806. Specification of Letters Patent. Patented May 29, 1906.

Application filed May 19, 1905. Serial No. 261,206.

To all whom it may concern:

Be it known that I, ALBERT SIDNEY JOHNSTON, a citizen of the United States, residing at Los Angeles, county of Los Angeles, State of California, have invented and discovered a new and useful Improvement in Pneumatic Surf-Boards; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in the manufacture of pneumatic surf-boards; and the objects of my improvement are, first, to economically provide pneumatic surf-boards that when continuously used for a long time will not absorb water, and thereby increase in weight, and, second, to construct surf-boards that after having been for a long time in use are still buoyant, require little time to dry them and restore the same to their original condition.

The invention consists, essentially, in the construction, arrangement, and combination of parts, as hereinafter described, shown upon the drawings, and specifically pointed out in the claims.

I attain these objects by the construction and arrangement of the parts illustrated upon the drawings made a part hereof, in which—

Figure 1 is a plan view of my improved surf-board, a part thereof broken away. Fig. 2 is a longitudinal sectional view of my invention. Fig. 3 is a perspective view of the completed board ready for use.

Similar reference-numerals refer to like parts throughout the several views of the drawings.

The reference-numeral 1 denotes the top portion or section, and 2 indicates the under portion or section, of my improved surf-board, preferably made of papier-mâché or other suitable material cast in sections or formed in molds, as illustrated upon Fig. 2 of the drawings, and the sections securely fastened or riveted together, preferably by means of papier-mâché pins 3, nails, or other equivalent devices, as shown upon Figs. 1 and 3 of the drawings.

The top portion or upper section 1 is cast or molded with the half-cleats or braces 6 6, and the under portion or section 2 is formed or molded in like manner integrally with the half-cleats or braces 5 5, as illustrated upon Figs. 1 and 2 of the drawings.

I preferably cast, mold, or make integrally with the top or upper section 1 of the board the downwardly-extending flange 7, which extends around the same, and in like manner I cast, mold, or make integrally the upwardly-extending flange 8, which extends around the under portion or section 2 thereof, and I fasten together water-tight the sections 1 and 2, the cleats or braces 6 and 5, and the flanges 7 and 8, respectively parts of said sections, by means of the pins or nails 3 3.

From the foregoing description, taken in connection with the accompanying drawings, it is thought that the construction, mode of operation, and advantages of the invention will be readily apparent without requiring a more extended explanation.

Various changes in the form, proportion, and minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention, and I therefore reserve to myself the right to make such changes as fairly fall within the scope thereof.

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

1. A pneumatic surf-board provided with sections having half-cleats or braces, half-flanges extending around said sections and means for securing the said sections together.

2. A surf-board consisting of curved sections having half-cleats or braces made integral with said sections, said sections provided with flanges extending around the sections, the said sections, cleats or braces and flanges forming air and water tight compartments and means for securing said sections together.

3. A pneumatic surf-board provided with an upper portion or section having cleats or braces and a downwardly-extending flange surrounding said portion or section, an under portion or section having cleats or braces and an upwardly-extending flange surrounding said under portion or section and means for connecting the said portions or sections together.

4. A pneumatic surf-board provided with

an upper portion or section having half-cleats or braces and a downwardly-extending half-flange surrounding said portion or section, an under portion or section having half-cleats or braces and an upwardly-extending flange surrounding said under portion or section, the said portions or sections, the cleats or braces and the flanges surrounding the sections forming separate air and water tight compartments, and means for securing the said sections, cleats or braces and flanges together.

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

ALBERT SIDNEY JOHNSTON.

Witnesses:
W. J. BRYANT,
J. GAUSS.