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J. G. BRADLEY

2,984,076

BOAT STORAGE HOUSES

Filed April 23, 1958

2 Sheets-Sheet 2

Fig-3

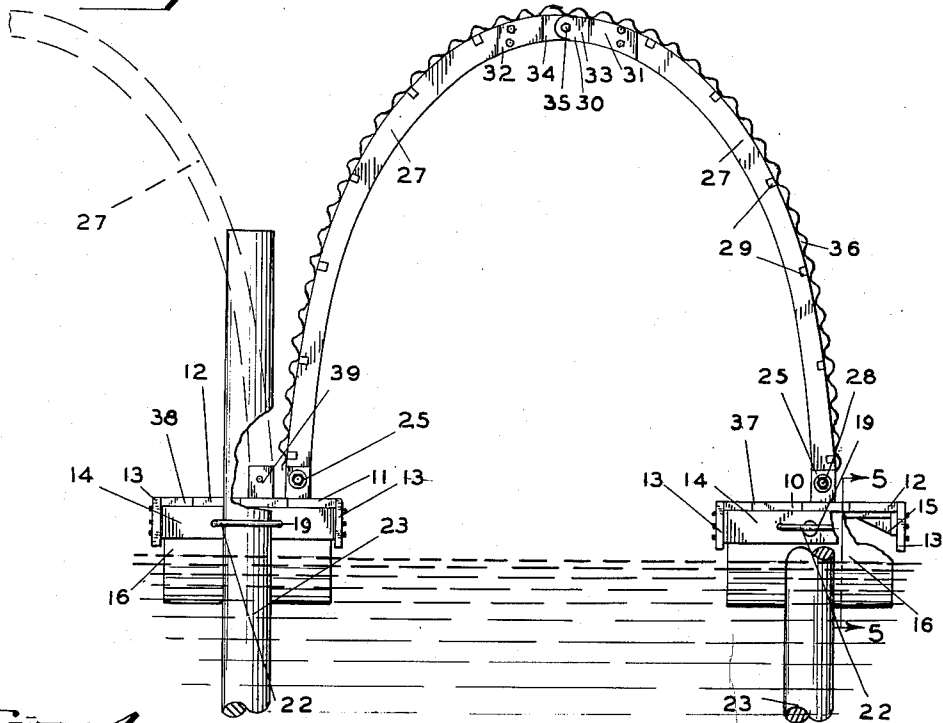


Fig-4

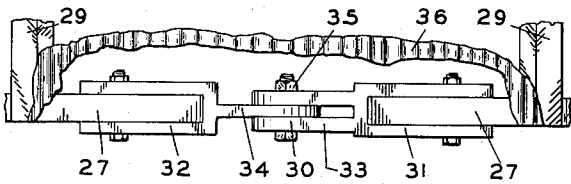


Fig-5

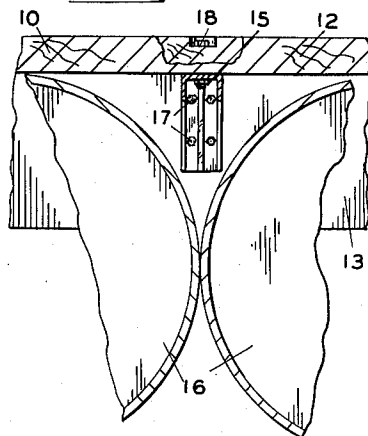
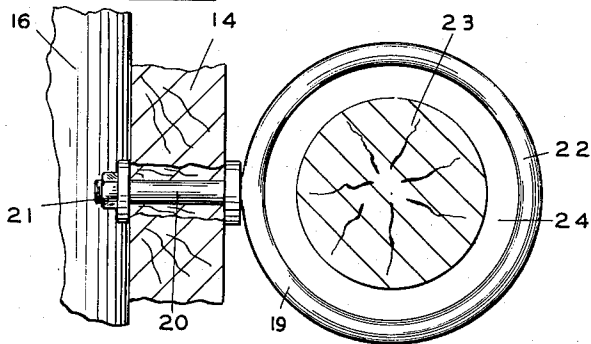


Fig-6



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2,984,076

BOAT STORAGE HOUSES

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1 Claim. (Cl. 61-48)

The present invention relates to boat storage houses, and particularly those used for small pleasure boats and the like.

The primary object of the invention is to provide a boat house having great flexibility that can raise and lower with the tide and waves.

A further object of the invention is to provide a boat house construction that can be easily erected or dismantled. By storing boats in boat houses of this character the boat is protected completely from the weather without having to be covered with canvas, thus eliminating the detrimental moisture trapping effect of covering the boat with canvas.

Another object of this invention is to provide a boat house structure that can be erected at any desired location, even remotely from docks and the like.

Other objects and advantages will become apparent in the following specification when considered in the light of the attached drawings, in which:

Figure 1 is a plan view of the invention.

Figure 2 is a fragmentary side view of the boat house, partially broken away for convenience of illustration.

Figure 3 is an end view of the boat house, partially broken away for convenience of illustration, and also illustrating by broken lines how additional houses can be assembled therewith.

Figure 4 is a fragmentary plan view with parts broken away for convenience of illustration.

Figure 5 is a fragmentary enlarged sectional view, taken on the line 5-5 of Figure 3, looking in the direction of the arrows.

Figure 6 is an enlarged fragmentary sectional view, taken on the line 6-6 of Figure 2, looking in the direction of the arrows.

Figure 7 is a fragmentary end elevation partially broken away and in section illustrating the rafters pivotally mounted to the platform upon which the house is erected.

Referring now to the drawings in detail wherein like reference numerals indicate like parts throughout the several figures, the reference character B indicates generally a boat house constructed in accordance with the invention.

The boat house B includes spaced platforms 10 and 11, each having top planking 12, a pair of spaced parallel downwardly extending side walls 13, as well as downwardly extending end walls 14. Brackets 15 support the planking 12 between the side walls 13, maintaining the planking 12 and side walls 13 in assembled position.

Hollow pontoons 16 are placed side by side through-

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out the length of the platforms 10 and 11 in such a manner as to miss the brackets 15, as best illustrated in Figures 2 and 5. The brackets 15 are bolted to the side walls 13 by bolts 17 and to the planking 12 by bolts 18. Passing through the end walls 14 are eye-bolts 19, which are free to revolve on their shank portion 20. The shank portion 20 being held on the end walls 14 by lock nuts 21. The eye 22 of the eye-bolt 19 embraces the vertical piling 23 with sufficient clearance 24 to allow the platforms 10 and 11 to move up and down freely on the piling 23.

Rotatably mounted to the upper planking 12 of the platforms 10 and 11 are U-supports 25 by means of bolts 26 which permit a slight rotation of the supports 25 allowing them to align with the movement of the platforms 10 and 11 in the action of the tides or waves.

Rafters 27 have their lower ends pivotally secured to the supports 25 by pivot rods 28. The rods 28 may extend the complete length of the platforms 10 and 11 and house B or they could be short rods coming together within the supports 25 and rafters 27.

Transversely disposed roof rails 29 extend lengthwise of the boat housing B bridging the rafters 27 together, as best illustrated in Figures 2, 3 and 4. The upper ends of the rafters 27 come together in a pivot connection at 30. Referring to Figures 3 and 4, the pivot connections 30 preferably consist of the U-shaped clips 31 and 32. The clips 31 have a pair of ears 33 to embrace the tongue 34 extending integrally from the clip 32. The tongues 34 and ears 33 are pivotally secured together by holding bolts 35.

Suitable roofing, preferably corrugated sheet material 36 is employed to cover the rafters 27, and is secured thereto by any suitable means, the longitudinal rails 29 supporting the sheeting 36 throughout the length of the house B.

The platforms 10 and 11 extend inwardly within the house B as indicated at 37 and 38. When a series are to be secured together additional U-bolts 39 are secured to the platforms 10 and 11, as illustrated in Figure 3, wherein the rafter 27 of the additional house is indicated by broken lines.

I will now describe the action of this new and improved boat house B. When any of the platforms 10 and 11 are raised or lowered by waves or tides, there is sufficient room between the eye 22 of the eye-bolts 19 to freely operate up and down on the piling 23 driven into the water bed. The pivot bolt connections 28 securing the rafters 27 to the U-bolts 25 permit free movement of the platforms 10 and 11 thereunder and the pivot connection 30 at the upper end of the rafters 27 allow for this free movement up and down on the rafters 27, together with their covering 36.

One end of the boat house B can be brought to the end of a landing dock, indicated by broken lines in Figure 1, or the house B may set free of any landing docks, depending upon the requirements. Many houses B can be attached to one another, or be connected together, but yet remain free to move in response to the wave or tide upon which they are supported.

From the above construction and description, it can be readily seen that the boat house B can be readily assembled and transported from one place to another. One of the outstanding features of this invention is the

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facility with which one is able to move the house by disassembling the same into small sections.

Having thus described the preferred embodiment of the invention, it should be understood that numerous structural modifications and adaptations may be resorted to without departing from the scope of the appended claim.

What is claimed is:

A boat house comprising a pair of elongated buoyant platforms arranged in spaced apart parallel floating relation, means comprising a fixed pile at each end of each platform, and rings secured to the ends of said platform and surrounding each said pile for guiding said platforms for independent vertical movement, a pair of generally arcuate panels, one extending upwardly from each platform and meeting in arched relation over the center of the space between said platforms at a height sufficient to accommodate a boat therebeneath, a plu-

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rality of arcuate supporting girders closely underlying each panel, means pivotally connecting the lower end in each girder to its associated platform, and means pivotally connecting the upper end of each girder to the upper end of a corresponding girder extending upwardly from the opposite platform.

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