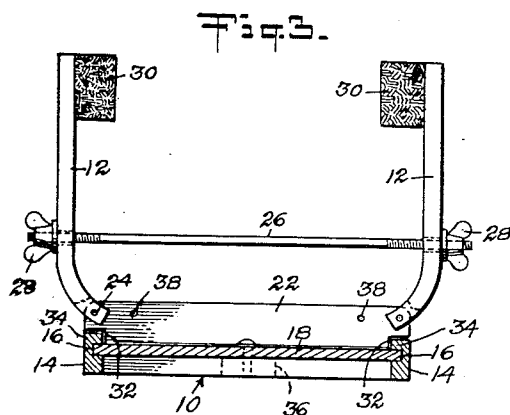
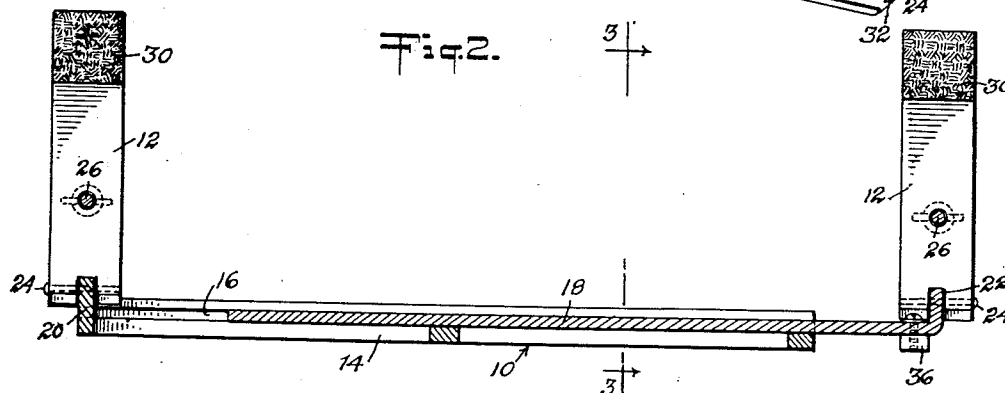
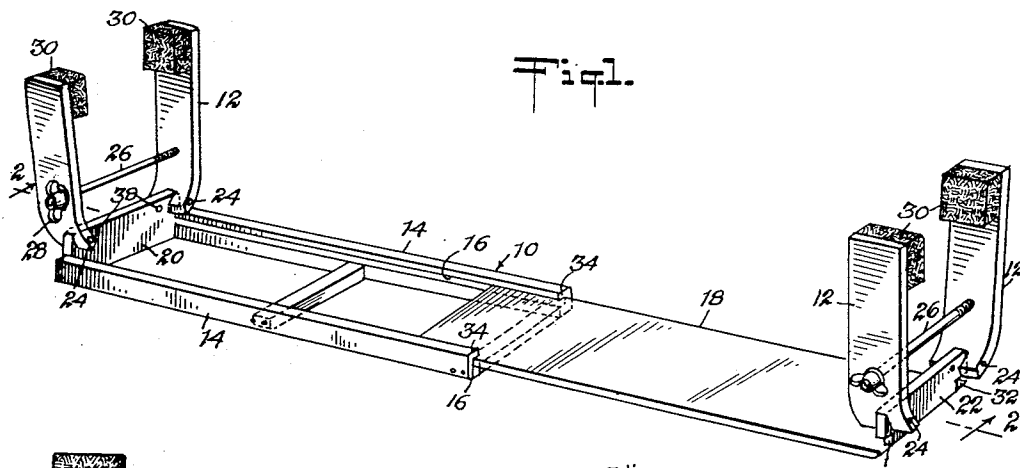


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MODEL BOAT CRADLE
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MODEL BOAT CRADLE

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3 Claims. (Cl. 248-194)

1 This invention relates to cradles for model boats. The principal object of this invention is the provision of a model boat cradle which is adjustable both longitudinally and transversely to accommodate model boats of varying sizes and shapes.

A preferred embodiment of this invention is shown in the accompanying drawing in which:

Fig. 1 is a perspective view of said embodiment;

Fig. 2 is a longitudinal section on the line 2-2 of Fig. 1; and

Fig. 3 is a transverse section on the line 3-3 of Fig. 2.

Essentially this device comprises three parts: a longitudinally extensible frame 10 and two pairs of adjustably mounted hull supporting arms 12. The frame 10 comprises a base structure 14 having a pair of spaced grooves 16 formed therein, and an extension member 18 which rides in the grooves of the base. The base is provided with a head board 20 and the extension member with a foot board 22.

It will be noted that the arms 12 are pivotally connected at their lower end by means of pins 24 to these head and foot boards. To control the pivotal movement of these arms with respect to the head and foot boards, adjusting screws 26 are provided, one for each pair of arms. These screws extend transversely of the frame 10 and they are therefore adapted to adjust the positions of the arms either outwardly or inwardly along parallel transverse lines.

It will be noted that the adjusting mechanism proper consists of the screws 26 and a pair of wing nuts 28 on each screw. The inner surfaces of the wing nuts bear against the outer surfaces of the arms, and thereby prevent spreading of the arms beyond predetermined limitations. The upper inner ends of the arms are provided with pads 30 which serve as the contact members of the boat cradle relative to the boat.

The model boat is of course supported between the two pairs of arms 12. In order to adjust the relative positions of each pair of arms, the wing nuts are tightened or loosened upon the adjusting screw. This provides the transverse adjustment of the boat cradle. The longitudinal adjustment is provided by simply adjusting the relative positions of the base and extension members. It will be seen that the head and foot boards are positioned at the opposite ends of these base and extension members. When it is desired, however, to mount a model boat of very small dimensions upon the boat cradle, the extension member is entirely removed from the base member, and it is

2 reinserted therein with its foot piece at the same end thereof as the head piece occupies on the base member.

To render this reversal of position possible, two notches 32 are provided at the outer edges of the foot board 22. These notches are adapted to accommodate the base flanges 34 which are formed by the grooves 16. By this means the two pairs of arms may be brought very closely toward each other, and they will thereby be enabled to accommodate a very short boat. On the other hand when the frame is extended in the manner shown in Fig. 1, a rather sizable model may be supported. The pad 36 which is affixed to the underside of the extension member 18 is provided to support the extension member in its extended position. When the relative positions of the extension and base members are reversed, this pad 36 is removed in order to enable said member to enter into telescopic engagement with each other.

It will be understood from the foregoing that a purely illustrative form of the invention has been presented. Modifications and variations may be incorporated therein within the scope of the principles of the invention. For example, this device may be made out of plastic material, or out of wood and plastics, or out of metals, or out of other materials and combinations of materials. The pads which make contact with the hull of the boat may be made of sponge rubber or of other types of rubber, or of felt or similar materials.

Should it be desired to provide a model boat cradle in accordance with the present invention, which is not longitudinally extensible, the telescopic engagement between the base and extension members would be eliminated as would the extension member itself, and both pairs of arms would then be mounted upon the base member in precisely the same manner as the one pair of arms is shown to be mounted in the drawing.

The grooves formed in the base member may give way to tracks of different formation on which the extension member is adapted to ride. To provide a closer adjustment of the arm members, holes 38 are provided in the head and foot boards to receive the pins by which said arms are fastened to said boards. These holes are closer to each other than are the holes through which the pins are shown to extend in Fig. 1.

I claim:

1. A cradle for model boats comprising a base member, an extension member telescopically connected to said base member and movable longitudinally thereof, and two pairs of boat sup-

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porting arms, one pair pivotally mounted on the base member, the other pair pivotally mounted on the extension member, and an adjusting screw interconnecting each of said pairs of arms for transverse adjustment thereof relative to the longitudinal axis of the cradle.

2. A cradle for model boats comprising a base member having a pair of spaced parallel longitudinally extending tracks formed therein, an extension member adapted to ride on said tracks and to move longitudinally of said base member, and a pair of transversely adjustable boat supporting arms mounted on said base member, and a second pair of transversely adjustable boat supporting arms mounted on said extension member.

3. A model boat cradle comprising a base, a pair of spaced parallel grooves formed in said base longitudinally thereof, an extension member adapted to ride in said grooves and to move

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longitudinally of said base member, and two pairs of screw adjusting boat supporting arms, one pair mounted on the base member and the other pair mounted on the extension member, said arms being adjustable transversely of the base and extension members, and being provided with tabs which engage the sides of the boat without defacing them.

EDWARD NITENSON.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
621,611	Matson	Mar. 21, 1899
756,661	Lemm	Apr. 5, 1904
854,381	Rawlinson	May 21, 1907
1,022,150	Oldenbusch	Apr. 2, 1912