

April 14, 1925.

H. R. L. CHELLMAN

1,533,634

TOY RIVER BOAT

Filed March 21, 1923

2 Sheets-Sheet 1

Fig. 1.

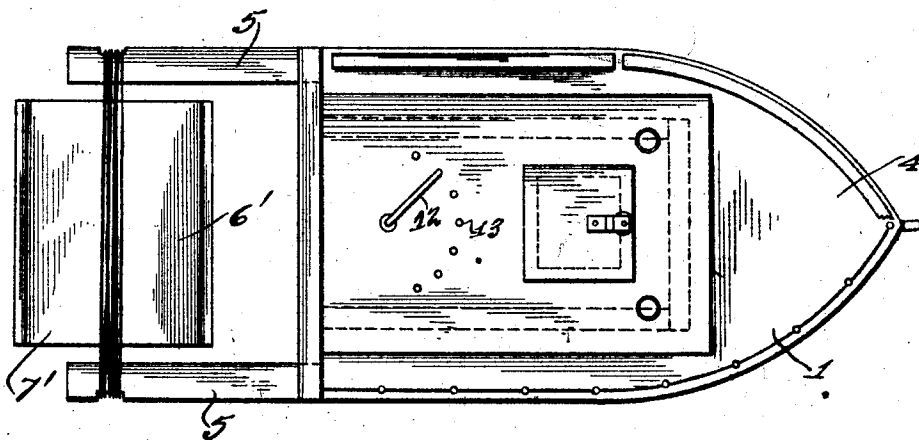
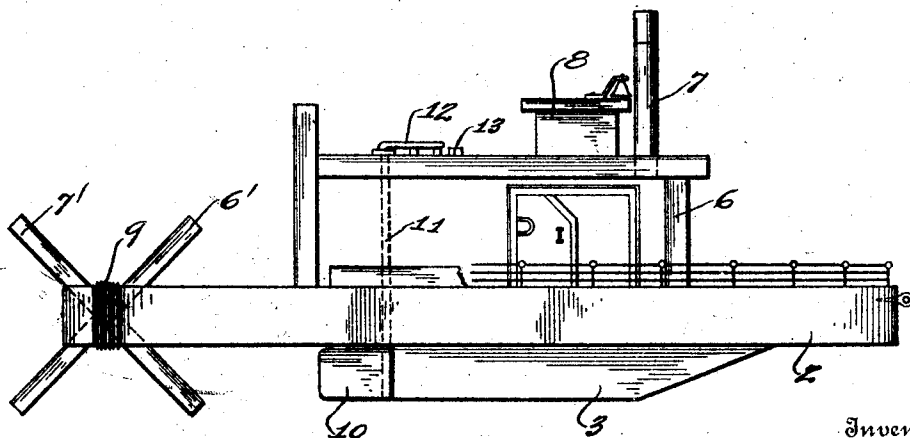


Fig. 2.



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Fig. 3.

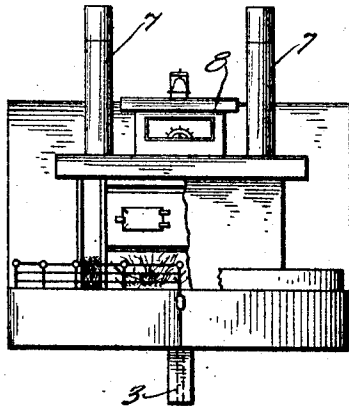


Fig. 4.

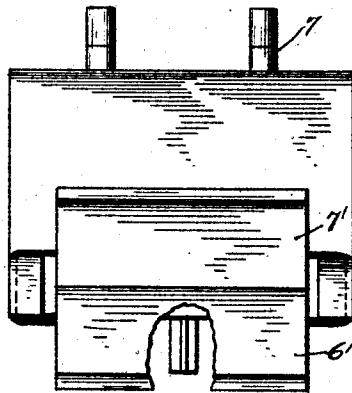
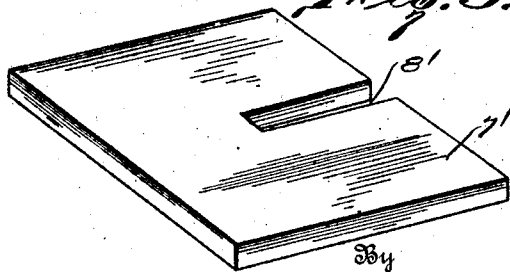


Fig. 5.



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UNITED STATES PATENT OFFICE.

HARRY R. L. CHELLMAN, OF MOUNT OLIVER, PENNSYLVANIA.

TOY RIVER BOAT.

Application filed March 21, 1923. Serial No. 626,618.

To all whom it may concern:

Be it known that I, HARRY R. L. CHELLMAN, a citizen of the United States, residing at Mount Oliver, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in a Toy River Boat, of which the following is a specification.

This invention relates to an improvement in toys, particularly a toy constructed to represent the well-known type of river boat used on inland waterways.

The primary object of the invention is to provide a toy boat having novel means for propelling the boat to create the impression of a stern driven river boat.

A further object of the invention is to provide means for adjusting the rudder of the boat so that in using same rudder can be set to cause the boat to travel in a circle, which would permit a child standing on the bank of a body of water to operate the toy with safety.

A still further object of my invention is to construct a toy river boat which in addition to having novel means of propelling and steering same, is also constructed so as to reduce to a minimum the possibilities of same capsizing.

And a still further object of the invention is to provide a toy boat of above indicated character which is simple in construction, durable, efficient for the purpose intended, and can be manufactured and sold at a very low cost.

These and other objects of the invention will be better understood as the description follows and as is specifically pointed out in the appended claims.

Referring to the accompanying drawings which form a part of this specification—

Figure 1 is a plan view of a toy boat constructed in accordance with my invention.

Figure 2 is a side elevation of same.

Figure 3 is the front elevation of same.

Figure 4 is the rear end elevation, with a portion of the paddle wheel partly broken away.

Figure 5 is a detailed plan view of one of the paddle blades.

Referring to the drawings, like characters will be used to designate like parts in the different views.

In the drawings, numeral 1 indicates the deck of my improved toy boat, which is equipped with a flat bottom 2 having a

keel 3 thereon. The numeral 4 designates the bow of the boat which comes to a point to form a prow for easy passage of the boat through the water, while the stern of the boat has, on the sides extending rearwardly therefrom, a pair of spaced arms 5, the purpose of which will be better understood as the description follows.

The numeral 6 indicates a deckhouse, which is so constructed as to resemble the deckhouse of an ordinary river boat, which houses the engine and driving means for the boat. The smokestacks 7, of which there are two in number, extend upwardly from the forward part of the deckhouse 6, and positioned on top of the deckhouse between the smokestacks is the pilot house 8.

A paddle wheel for propelling the boat comprises a pair of blades 6¹ and 7¹, each of which is provided with a slot 8¹ for joining the blades together to form the paddle wheel. The blades are positioned between the spaced arms 5, and a rubber band or plurality of bands are stretched between the arms and hold the paddle wheel in position. Upon rotating the paddle wheel the rubber band or bands are twisted so that upon releasing the wheel, same is rotated under the influence of the rubber bands in the opposite direction, giving the boat a propelling force through the water.

A rudder 10 is mounted on a rudder post 11 that extends upwardly through the deck of the boat and through the deckhouse 6. The upper end of the post 11 is at right angles as at 12 to form a handle whereby same can be moved into engagement with an indicating bolt 13 so that the rudder can be set to cause the boat to operate in a circle, thus permitting means, as above stated, for the operation of the boat from the bank.

It is to be understood, that the boat can be constructed of any suitable material and that same can be painted in any design to make same attractive in appearance, and if so desired, a name or any advertising matter may be painted on the side of the boat.

In view of the foregoing description of my invention, taken in connection with the accompanying drawings, it is thought that any further explanation as to the construction, operation or object of my invention is unnecessary.

While I have shown and described the

preferred form of my invention, I realize that various minor changes may be resorted to, without departing from the spirit and scope of the invention as claimed; therefore, I do not wish to limit myself to the details of the construction shown, nor to the combination and arrangement of parts.

What I claim is new and desire to secure by Letters Patent is:

10 1. A toy constructed to resemble a river boat, a pair of spaced arms extending rearwardly from said boat, a paddle wheel mounted between the arms, and elastic bands about both of said arms and extending across said paddle wheel for propelling the boat through the water.

2. A toy constructed to resemble a river boat, a pair of spaced arms extending rearwardly from the boat having grooves formed in their outer sides adjacent the rear ends thereof, a paddle wheel mounted between said arms, an elastic band received in said grooves arranged about both of said arms and extending across between the blades of said paddle wheel for propelling the boat through water.

In testimony whereof, I have affixed my signature in the presence of two witnesses.

HARRY R. L. CHELLMAN.

Witnesses:

W. T. DAVIS,
A. E. PEASLEE.