Sept. 21, 1926. 1,600,616

P. J. BARNARD

TOY SAND SHIP

Filed July 3, 1923

Fig. 1.

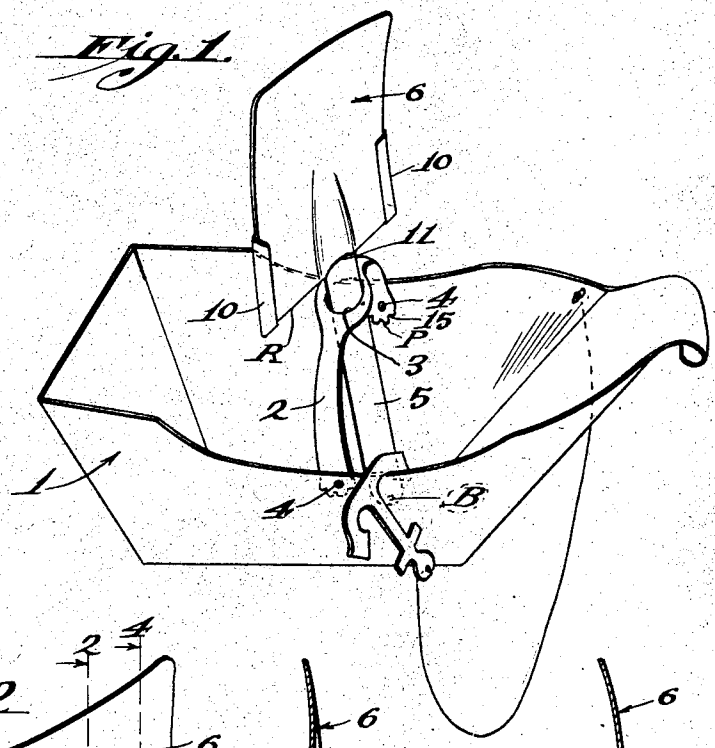


Fig. 2.

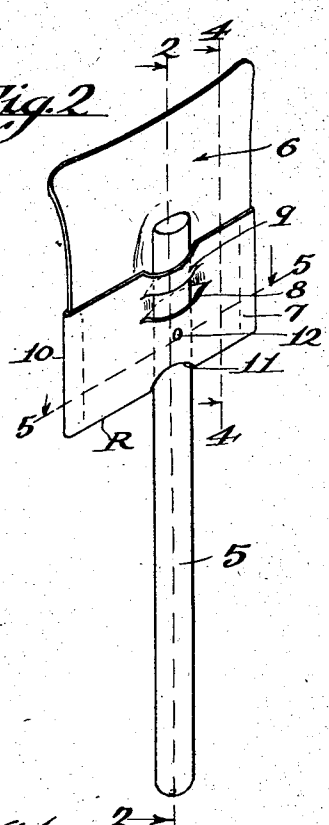


Fig. 3.

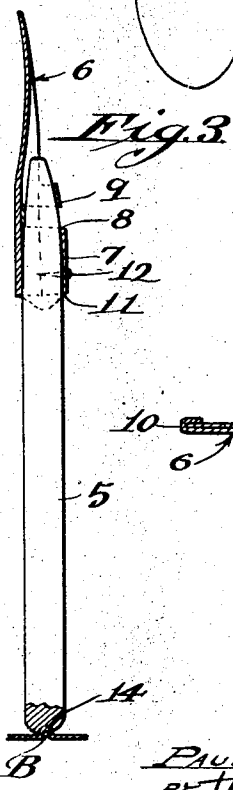


Fig. 4.





Fig. 5.

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W. Hall.

Inventor:
Paul Jackson Barnard
By Hazard and Miller
Attorneys.

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UNITED STATES PATENT OFFICE.

PAUL JACKSON BARNARD, OF VENICE, CALIFORNIA.

TOY SAND SHIP.

Application filed July 3, 1923. Serial No. 649,254.

My present invention is a toy sand ship, and it is an especial object of this invention to provide a toy, suitable for use by children at the seashore, and wherever children may be permitted to use sand pails and sand shovels, in the vicinity of bodies of water, or elsewhere.

It is an object of this invention to provide a toy comprising a receptacle or body adapted to serve alternatively either as a sand pail or as the hull of a toy ship; and, in a preferred embodiment of my invention, the said receptacle is provided with a bail or handle which is adapted to serve either as a means of carrying the said receptacle, when the same is used as a pail, or as a means for the support of a mast, when my toy is used as a ship.

It is a further object of this invention to provide a toy ship having a sail which is adapted to be used alternatively as a shovel, my preferred shovel construction being, moreover, such as to adapt the same to a wide variety of uses.

Other objects of my invention will appear from the following description of a preferred embodiment thereof, and from the appended claims, taken in connection with the accompanying drawings, in which:—

Figure 1 is a perspective view of a toy embodying my invention.

Fig. 2 is a perspective view showing the back of an element which I may use alternatively either as a sail or as a shovel.

Fig. 3 is a vertical section on line 2—2 of Figure 2.

Fig. 4 is a vertical section on line 4—4 of Figure 2.

Fig. 5 is a horizontal section on line 5—5 of Figure 2.

Referring to the details of that specific embodiment of my invention which I have chosen for purposes of illustration, 1 is a receptacular element adapted to serve either as a pail, in which water or sand may be carried, or, alternatively, as a hull of a boat, this receptacular element being provided with a bail 2, adapted to serve either as a carrying means, when my toy is used as a sand pail, or as supporting means for a sail, this bail being shown as provided with an aperture 3, and as secured to the interior of the receptacular element or hull 1, by means comprising pivots 4, the preferred construction being such as to permit of the insertion of a mast 5 through said aperture and into engagement with the bottom of said hull.

Although any suitable sail might be used in connection with the sand ship or hull described, I prefer to employ a sail of a comparatively rugged or "indestructible" character, such as a sheet metal sail 6, shown as secured to the mast 5 in such manner as to permit the structure formed thereby to be alternatively used as a shovel, of which the sail 6 may be regarded as constituting the blade, to which the mast 5 may then be regarded as providing a handle.

In order to adapt the described sail construction to serve effectively as a shovel, or in order to provide a simple and inexpensive shovel for any desired use, I prefer to construct and connect the elements last referred to in the unique manner which I will now proceed to describe.

The blade of my shovel is preferably formed of a single piece of sheet metal, cut substantially longer than the desired length of a shovel blade, and then sharply bent upon itself along a line R parallel with that edge which constitutes the leading edge of my shovel, remote from the handle thereof, the effect of the mentioned bending being to provide an overlap 7 at the back of my shovel, this overlap being preferably provided with a slit or slits 8, 9, through which the handle 5 may extend, the overlap being shown as slightly wider than the blade 6, in order to permit the parts to be suitably secured together, as by bending the lateral edges 10 of said overlap sharply over the lateral edges of the main body of the shovel, it being understood that the handle 5 may be inserted through the aperture 11 and through the slits 8 and 9, and optionally secured also by means such as a nail or screw 12, as best shown in Figure 2.

From the foregoing description, it is believed that the preferred mode of construction of each of the elements of my toy will be readily understood, the use of a boss B, or the like, extending upward from the bottom of the hull or the receptacular element 1, and interfitting with a recess 14, in the end of the mast or handle 5, being optional, as is also the use of depressions or notches 15, in the ends of the bail 2, adapted to engage an adjacent projection on the interior of the hull, and thereby to facilitate adjustment of the said bail.

It will be obvious that toys of the character herein described can be manufactured and sold at a moderate cost, and that the described construction is such as to provide for wholesome and inexpensive recreation, each of the major elements of my device being capable of alternative uses and intrinsically attractive, although adapted effectively to cooperate in the manner described.

Although I have herein described but one complete embodiment of my invention, it will be understood that various features thereof might be independently employed, and also that various modifications might be made therein without departure from the spirit and scope of my invention, as the same is indicated above and in the following claims.

What I claim is:—

1. A toy comprising a receptacle simulating the hull of a boat and a shovel, and means associated with the receptacle for mounting the shovel in inverted position upon the receptacle so that the handle of the shovel may simulate a mast and the blade of the shovel may constitute a sail.

2. A toy comprising a receptacle simulating the hull of a boat and a shovel, said receptacle being provided with a bail having an aperture therethrough adapted to receive the handle of the shovel in inverted position, whereby the handle of the shovel may simulate a mast and the blade of the shovel may constitute a sail.

3. A toy comprising a receptacle simulating the hull of a boat, a shovel, a bail secured to said receptacle, and means associated with the bail for securing the shovel to the bail in inverted position whereby the handle of the shovel may constitute a mast and the blade of the shovel may constitute a sail.

4. A toy comprising a receptacle simulating the hull of a boat, a bail having an aperture therethrough pivoted to said receptacle, means for frictionally maintaining the bail in a predetermined position, and a shovel having a handle adapted to be inserted in the aperture in said bail in inverted position, whereby the handle of the shovel may simulate a mast and the blade of the shovel may constitute a sail.

5. A toy comprising a receptacle simulating the hull of a boat, a bail having an aperture therethrough pivoted to said receptacle, means for frictionally maintaining the bail in a predetermined position, a shovel having a handle adapted to be inserted in the aperture in said bail in inverted position, whereby the handle of the shovel may simulate a mast and the blade of the shovel may constitute a sail, and means associated with the bottom of the receptacle and with the handle of the shovel for cooperating with the bail for maintaining the shovel erect in inverted position.

In testimony whereof I have signed my name to this specification.

PAUL JACKSON BARNARD.