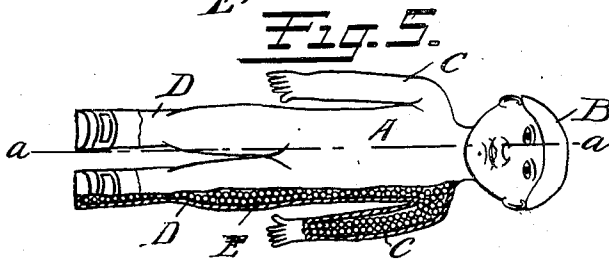
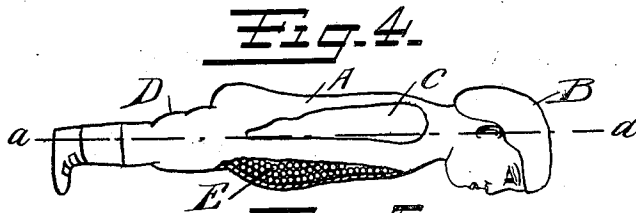
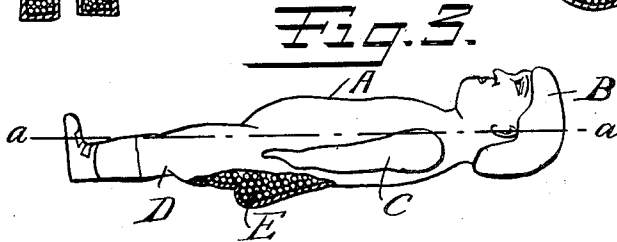
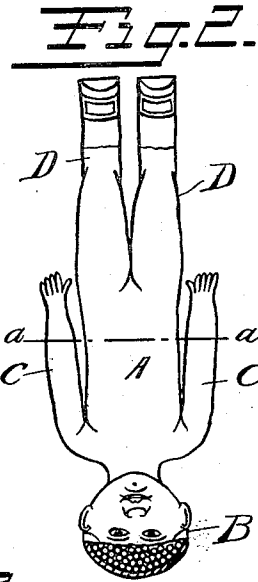
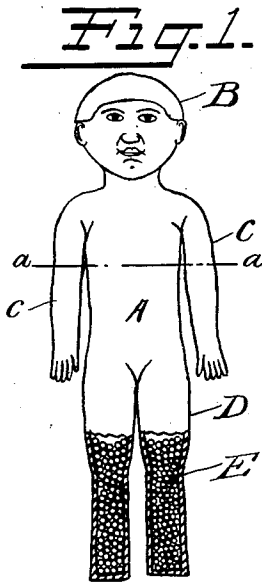


T. W. SANFORD.
NAUTICAL DOLL.
APPLICATION FILED DEC. 27, 1909.

954,544.

Patented Apr. 12, 1910.



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UNITED STATES PATENT OFFICE.

THEODORE W. SANFORD, OF ANSONIA, CONNECTICUT.

NAUTICAL DOLL.

954,544.

Specification of Letters Patent. Patented Apr. 12, 1910.

Application filed December 27, 1909. Serial No. 535,010.

To all whom it may concern:

Be it known that I, THEODORE W. SANFORD, a citizen of the United States, residing at Ansonia, in the county of New Haven and State of Connecticut, have invented a certain new and useful Improvement in Nautical Dolls, of which the following is a specification.

My invention relates to toys of the class designed to float in water and consists of a hollow receptacle having the form and appearance of a toy figure and which is partially filled with bird shot for the purpose of enabling the center of gravity to be shifted and thereby cause the figure to assume different postures while in the water.

The essential features of my invention are embodied in the doll set forth in the following description and accompanying drawing in which like reference characters refer to corresponding parts.

In the drawings: Figure 1 is a front view of the doll when floating in an upright position, a portion thereof being shown broken away; Fig. 2, a front view in a reversed position; Figs. 3 and 4 opposite side views respectively in a reclining position, and Fig. 5, a front view in a reclining position.

My doll comprises the trunk A, head B, arms C C and legs D D. The entire body is made in the form of a shell preferably out of a composition like hard rubber which may be readily pierced to form an aperture in the top of the head *b* for loading the same with a quantity of bird shot E. After the loading operation the aperture may be sealed up with cement and painted over so that the finish of the toy will not be defaced by the loading operation. The quantity of shot is so measured and determined for each size and style that when the figure is placed in water the same will be weighted to effect a predetermined degree of immersion as shown by the water line *a-a* in the several figures. The figure may also be manipulated to cause it to assume different postures while floating in the water by causing the shot to be collected and distributed in the various pockets and depressions along the lowermost side. These pockets and depressions may be formed by the natural outline or contour of the figure.

In Figs. 1 and 2 the shot is shown collected in the legs and feet C, C and in the head B respectively thereby causing it to assume an

upright and reversed posture, in Figs. 3 and 4 the shot is shown distributed along the depressions formed in the back and front of the trunk A thereby causing the figure to recline on its back and stomach respectively, and in Fig. 5 the shot is collected in the arm B and in the depressions along the side of the trunk A thereby causing the figure to recline on its side. By collecting the shot in the opposite arm and distributing it along the opposite side the figure will recline on its opposite side. Besides the different postures above described the figure may be floated in various other positions according to the manner in which the shot is distributed.

It will be observed that by using shot instead of a single weighted ball or the like I am enabled to effect a distribution of the weight so as to render stable and fixed the posture of the figure when floating.

It will also be observed that the depressions and curves offered by the natural configuration of the figure furnishes the necessary pockets and crevices to catch and hold the shot so that the center of gravity may be shifted readily and the figure become more or less stable when the shot comes to rest.

In manipulating the figure it is merely necessary to give the same a shake so as to shift the shot to any portion thereof desired. After a few trials the shot can be distributed with more or less accuracy.

While I have shown my invention as embodied in a doll yet the same may be modified to comprehend other figures.

Having now described my invention what I claim and desire to protect by Letters Patent is:

A toy figure made out of a shell like material to form a hermetically sealed receptacle having depressions in its interior walls conforming to the natural configuration of the shell, the said receptacle being partially filled with bird shot of such a weight as not to destroy the buoyancy of the figure when floating in water and which when shifted within the receptacle will become distributed and fixed within said depressions and thereby change the center of gravity.

THEODORE W. SANFORD.

Witnesses:

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