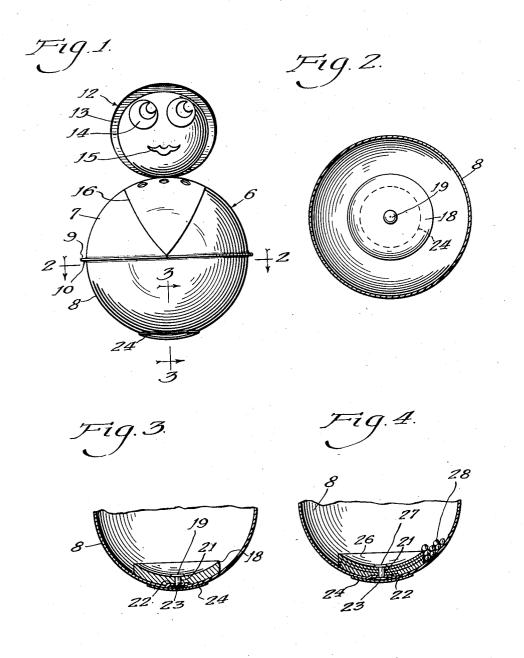
## L. A. GOODMAN

SELF-RIGHTING TOY

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# UNITED STATES PATENT OFFICE

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#### SELF-RIGHTING TOY

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2 Claims. (Cl. 46—155)

This invention relates to toys and is more particularly concerned with the type of toy formed with a rounded base portion to permit a rolling or rocking movement and embodying weight means for automatically returning the top to an 5 upright position.

It is an object of the present invention to provide a toy of this type embodying improved means for securing a weight in position to prethe use of toys of this type by young children, the toys are apt to become broken due to rough toy to prevent the young child from swallowing same.

It is a further object of this invention to provide a toy of this type which is relatively simple not readily get out of order.

This invention embodies other novel features, details of construction and arrangement of parts which are hereinafter set forth in the specification and claims and illustrated in the accompanying drawing wherein:

Fig. 1 is a front elevational view showing a toy embodying features of this invention.

Fig. 2 is a sectional view taken along the line 2-2 of Fig. 1.

Fig. 3 is a sectional view taken along the line -3 of Fig. 1.

Fig. 4 is a sectional view, corresponding to Fig. 3, showing a modified form of this invention in which a plurality of weights are secured to the 35 toy in super-imposed relation.

Referring now to the drawing for a better understanding of this invention, the toy is shown as comprising a substantially spherical body portion 6 which is preferably formed of two half sections 7 and 8 and provided with out-turned flanges 9 and 10, respectively, for abutting engagement. The abutting surface of the flanges 9 and 10 may be cemented or otherwise secured together. A head portion 12 is also preferably in 45 the form of a hollow sphere comprising two halves provided with out-turned flanges 13 for abutting sealed engagement. The head portion 12 may be secured in position upon the body poror rivet. The body portion 6 and head portion 12 are preferably formed from sheet Celluloid to provide a toy which may readily be cleaned and which may be formed in contrasting colors 55 provide a simple, sturdy and attractive toy for

to provide an inexpensive structure and an attractive appearance. The features of the toy such as the eyes 14, mouth 15 and body panel 16 are preferably formed of pieces of "celluloid" cemented in position upon the head portion 12 and body portion 6. A weight 18 preferably formed of heavy metal is secured against the inner side of the body section 8 by means of a rivet 19. The weight 18 is preferably stamped of sheet vent disengagement and displacement of the 10 metal and having a contour which conforms to weight from its proper position on the toy. In the inner contour of the body section 8 and provided with a centrally disposed aperture 21 to receive the shank of the rivet 19. The convex usage and therefore it is essential that the side of the weight is formed with a centrally dis-weight be securely attached to the body of the 15 posed recess 22 which extends inwardly a distance side of the weight is formed with a centrally dissubstantially equal to the height of the rivet head 23 and it will be noted that the rivet head 23 is formed relatively large in diameter to insure adequate clamping engagement of the adand inexpensive to manufacture and which will 20 jacent "Celluloid" material against the surface defining the recess 22. It will be noted that the weight 18 is secured in position on the body section 8 prior to cementing of the latter to the body section 7. After the weight is positioned on 25 the body section 8 with the rivet in place, the inner end of the rivet is peened over to secure the weight in assembled relation.

After assembly of the weight upon the body section 8, a disc-shaped piece of "Celluloid" 24 is cemented or otherwise secured to the outer surface of the body section 8 to cover the recess formed by the weight and the head 23 of the rivet. It will thus be seen that the disc 24 serves to enclose the rivet head 23 and forms a smoothly rounded contour for the bottom portion of the body section 8. The disc 24 also serves to reinforce the bottom portion of the body section 8 adjacent the counterweight.

Fig. 4 illustrates a modified form of this invention in which a plurality of weights 26 are mounted in superimposed relation and secured in position to the inner side of the bottom section 8 by means of a rivet 27. This form of the invention is otherwise of similar construction to the form heretofore described in connection with Figs. 1, 2 and 3.

In the manufacture of a toy of this type, it may be desirable to provide edible material, such as rock salt within the body portion 6 to imtion 6 by cementing same thereto or by the use 50 pinge or strike against the side walls of the of a mechanical fastening means, such as a clip body portion 6 during oscillation of the toy to create a rattling sound.

It will be noted that a toy of the type shown and described may be inexpensively formed to a child, and that the several parts thereof are formed and constructed of suitable material to prevent displacement of parts thereof which might be swallowed by young children.

While this invention has been shown in but 5 two forms, it is obvious to those skilled in the art that it is not so limited but is susceptible of various changes and modifications without departing from the spirit and scope of the claimed invention.

I claim as my invention:

1. In a rocking toy, a hollow spherical body formed of two half sections of sheet "celluloid" cemented together, a plurality of washer-shaped weights having its outer surface substantially conforming to the inner contour of said body and having a recess formed therein, a rivet extending inwardly through the wall of said body and through said weights for holding the latter 20 file of this patent: against displacement, the head of said rivet and the adjacent portion of said body being enclosed within the recess formed in one of said weights, and a disc of sheet "celluloid" secured to the outer surface of said body to cover the head of 25 said rivet and to reinforce that portion of the body adjacent thereto.

4 2. In a rocking toy, a hollow spherical body formed of two half sections of sheet "celluloid" cemented together, a washer-shaped weight positioned within said body, said weight having its outer surface substantially conforming to the inner contour of said body and having a recess formed therein, a rivet extending inwardly through the wall of said body and through said weight for holding the latter against displace-10 ment, the head of said rivet and the adjacent portion of said body being enclosed within the recess formed in said weight, and a disc of sheet "celluloid" secured to the outer surface of said body to cover the head of said rivet and to reinweights positioned within said body, one of said 15 force that portion of the body adjacent thereto. LOUIS A. GOODMAN.

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