

(No Model.)

G. T. SMALLWOOD.
TOY OR PUZZLE.

No. 479,158.

Patented July 19, 1892.

FIG. 1.

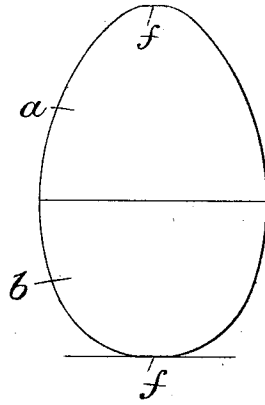


FIG. 2.

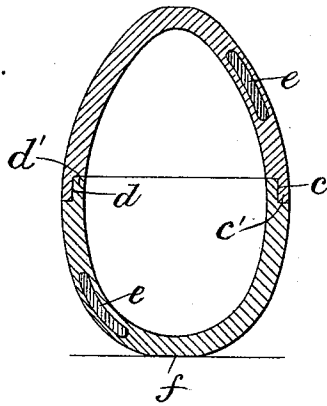
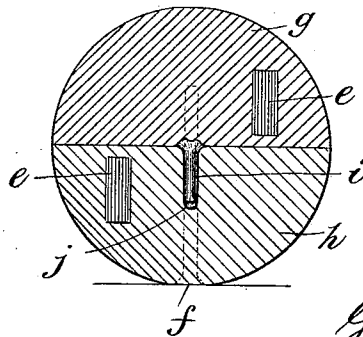


FIG. 3.



Attest:
Otis Cole
Per Lewis

Inventor
Geo. T. Smallwood.
by Geo. S. Wheelock.
his atty.

UNITED STATES PATENT OFFICE.

GEORGE T. SMALLWOOD, OF WASHINGTON, DISTRICT OF COLUMBIA, AS-
SIGNOR OF ONE-HALF TO OTIS COLE, OF ROCHESTER, NEW YORK.

TOY OR PUZZLE.

SPECIFICATION forming part of Letters Patent No. 479,158, dated July 19, 1892.

Application filed March 18, 1892. Serial No. 425,473. (No model.)

To all whom it may concern:

Be it known that I, GEORGE T. SMALLWOOD, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Toys or Puzzles; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to a puzzle toy; and its object is to provide a toy of such shape and construction that when properly manipulated it may be caused to stand on its major axis; otherwise it will not.

A further object of my invention is to provide an amusing device that at the same time possesses usefulness.

My invention therefore consists of a toy in the form of a shell or other suitable body constructed to carry registrable weights—that is to say, weights that when adjusted to certain relative points will counterbalance the toy; and my invention further consists in a shell or body constructed to stand or not, according to its manipulation, and serving as a box to contain articles of merchandise, such as cachous, bonbons, and the like.

My invention also consists in certain novel features of construction to be presently described, and thereafter pointed out in the claims.

In the accompanying drawings, Figure 1 is a side elevation of the preferred form of my toy. Fig. 2 is a vertical section thereof. Fig. 3 is a modification thereof.

In Figs. 1 and 2 the toy is shown in the form of a shell consisting of two sections *a* and *b*, the meeting edges of which are respectively provided with rabbet-grooves *c* and *d* for the reception of shoulders *c'* and *d'*, formed by the grooves. When these sections are placed together, they constitute a box or receptacle. The weight of each section is unequally distributed by providing each with a button of lead *e* or other heavy body at one side thereof. These weights are preferably molded in the sections, as shown, so as to be hid between the sides thereof, and this is accomplished by making the sections of plastic material, such as candy, wood pulp, hard rubber, and the

like. When the sections are so placed together as that the weights *e* are directly opposite or register with each other, the toy may be stood upon one or the other of the slightly-flattened ends *f*. The registering of the weights can be accomplished without separating the sections, and that is by rotating the sections one on the other. It is evident that when the weights are not opposite the toy will topple over.

In Figs. 1 and 2 the toy is shown in the shape of an egg, the weights being on each side of its longitudinal axis; but it is evident that any other suitable shape may be adopted.

In Fig. 3 the sections are shown as consisting of hemispherical blocks *g h*, one block having a pivot *i* to rotate within a depression *j* in the other, the weights *e* being let into the sides of the blocks.

It is evident that my invention is susceptible of numerous modifications, which may be made without departing from the spirit and scope thereof.

What I claim as new is—

1. In a toy, a shell or body and counterbalancing-weights therefor, said shell or body being constructed to support said weights off the center and said weights being relatively movable with respect to each other, whereby the toy may be poised on end.

2. In a toy, a sectional shell or body, each section being heavier at one side and being relatively movable to the other, substantially as explained.

3. In a toy, a sectional shell or body, each section having a weight embedded therein at one side, the relative positions of the weights being changeable, substantially as explained.

4. In a toy, a shell or body constructed of rotatable sections, each section being weighted at one side and being relatively movable to the other, substantially as explained.

5. In a toy, a shell or body constructed of rotatable sections, each section having a weight embedded therein at one side, whereby the relative positions of the weights may be changed, substantially as explained.

6. In a toy, a shell or body constructed of separable sections, each section being weighted at one side and being relatively movable to the other, substantially as explained.

7. In a toy, a shell or body constructed of separable rotatable sections, each section being weighted at one side and being relatively movable to the other, substantially as explained.

5 8. In a toy, a sectional shell or body of plastic material, each section having a weight embedded therein at one side between the inner and outer surfaces, so as to be hidden from
10 view, the relative positions of the weights being changeable, substantially as explained.

9. In a toy, an egg-shaped shell or body composed of sections, each section being weighted

at one side of the longitudinal axis of the shell or body, substantially as explained. 15

10. In a toy, a shell or body provided with two counterbalancing-weights attached thereto and located off the center and relatively movable with respect to each other, substantially as explained. 20

In testimony whereof I affix my signature in presence of two witnesses.

GEO. T. SMALLWOOD.

Witnesses:

PHILIP MAURO,
REEVE LEWIS.