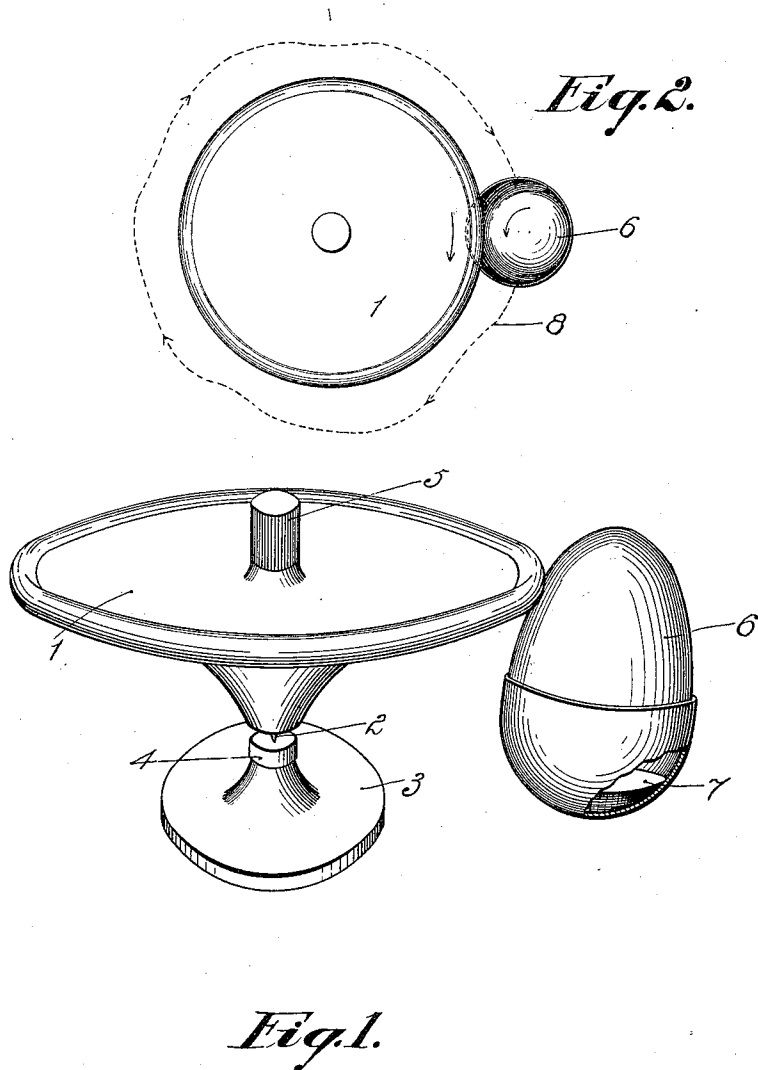


J. K. HAMILTON.
TOY.
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1,052,581.

Patented Feb. 11, 1913.



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TOY.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JESSE K. HAMILTON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Toys, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to an improved toy, in which a top of special conformation is employed in connection with an egg-shaped device to secure novel effects.

My invention is best shown in connection with the accompanying drawings in which—

Figure 1 is a perspective view of the toy complete, while Fig. 2 is a top view to a somewhat reduced scale, showing the nature of operation of the device.

Similar numerals refer to similar parts throughout the several views.

As shown in Fig. 1, the toy consists of a top 1 having a fine point 2 in its lower end, which rests preferably upon a specially prepared pedestal 3, having a cup 4 conformed to receive the point on which the top 1 spins. The top is provided with a finger hold 5, which is cylindrical in shape, so that the top may readily be given a rapid rotary motion. The top is used in conjunction with a light egg-shaped body or ellipsoid 6, somewhat larger at one end than the other, the larger end being weighted as indicated at 7, so that the egg-shaped element will naturally maintain a vertical position standing erect upon its larger end.

In operating the toy, the top is first set in rapid rotation upon the pedestal and the egg-shaped element is then brought into contact with the rim of the rapidly revolving top which, by friction, causes rotation of the egg-shaped member, as indicated in Fig. 2, with the result that the egg-shaped member is caused to take an irregular course, somewhat as indicated by the dotted line 8 in Fig. 2. This operation will continue for a long time, the egg-shaped element repeatedly circling around the top until the energy of rotation of the top is lost and the top comes nearly or quite to

rest. During the operation of the device, there is no tendency whatever for the egg-shaped element to separate itself from the spinning top, but, on the contrary, the rotation of the egg-shaped element tends to make it creep under the top, which, however, is opposed by the top with the result that the path above referred to is followed by the top around it.

While the particular construction of top illustrated in the drawings is shown, it is to be understood that any construction of top will operate in precisely the same manner as long as it is provided with an extending rim for engaging the egg-shaped element, and it will further be understood that the egg-shaped element may be printed or colored as desired, or given any desired ornamentation or shape, as long as the surfaces which engage the top and the supporting table are substantially as shown in the drawings and as long as the egg-shaped element is provided with a weight for causing it to stand erect in substantially the manner shown and described.

The egg-shaped element is made preferably of celluloid, paper or similar material, so that it may be light and easily rotated, and the weight contained within it is preferably of lead or cement of suitable kind. The construction of the egg-shaped element, however, is of minor importance as long as it is comparatively light and so made as to normally stand erect.

What I claim is:

In combination, a top having a projecting flange disposed in a horizontal plane, and a weighted egg-shaped element of light material adapted to engage said flange and so travel around the top when said top is rotating, said egg-shaped member having only one portion thereof engaging the flange at one time and being, as it travels around the top, alternately attracted toward and repelled from said flange.

In witness whereof, I hereunto subscribe my name this 15th day of May, A. D. 1912.

JESSE K. HAMILTON.

Witnesses:

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