

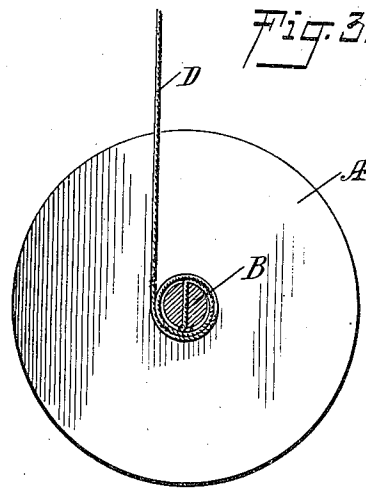
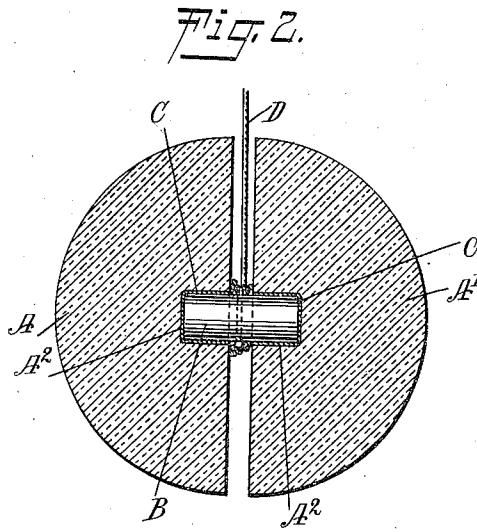
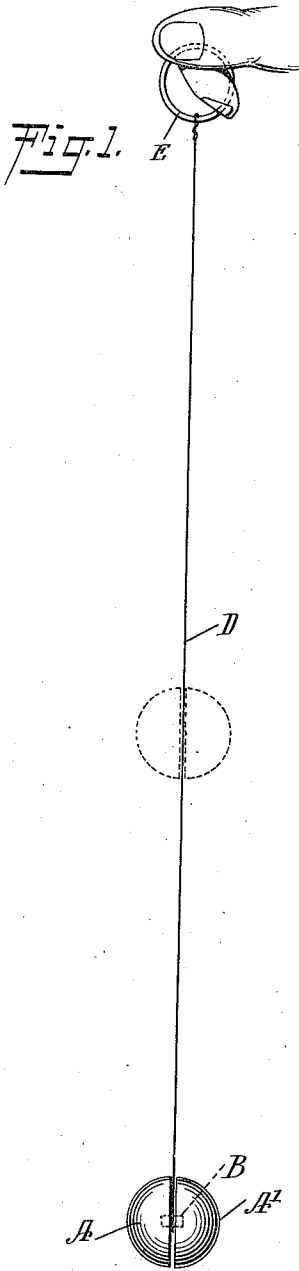
T. D. FLOTO.

TOY.

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1,006,840.

Patented Oct. 24, 1911.



WITNESSES

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TOY.

1,006,840.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, THEODORE D. FLOTO, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Toy, of which the following is a full, clear, and exact description.

The invention relates to toys having a ball or a roller adapted to wind up and unwind on a cord held at one end by the user of the toy.

The object of the invention is to provide a new and improved toy, in which the ball is rendered exceedingly smooth and the necessary weight is provided to insure a proper unwinding of the ball and re-winding on the cord by the momentum caused by the unwinding of the ball. For the purpose mentioned, use is made of a ball formed of hemispheres of glass, having their flat faces provided centrally with recesses for the reception of a wooden hub, glued, cemented or otherwise fastened in the said recesses, and to which hub one end of the cord is secured.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is an elevation of the toy; Fig. 2 is an enlarged cross section of the same; and Fig. 3 is a sectional side elevation of the same.

Two hemispheres A, A', made of glass, are provided at their opposite flat faces with central recesses A², in which are secured the ends of a hub B by the use of glue, cement or other suitable adhesive substance C, the hub B being of a length in excess of the aggregate depth of the recesses A² so that the flat faces of the hemispheres A and A' are held placed a suitable distance apart for the passage of a cord D secured at one end to the middle portion of the hub B, the other end being provided with a ring E adapted to be taken hold of by the user of the toy, as indicated in Fig. 1.

In using the toy, the cord D is wound up on the hub B, and then the cord D is held suspended by the ring E to allow the ball to unwind on the cord D, it being understood that when the end of the cord D is reached the ball keeps on rotating by the gathered momentum so as to rewind the cord D on the

hub B, whereby the ball is caused to travel up on the cord D in winding the same up on its hub B. The user of the toy, by proper manipulation of the cord D, can allow the ball to alternately unwind or to rewind, and the toy can be kept in motion for a desired length of time.

By making the hemispheres A, A' of glass an exceedingly smooth ball is provided, and which has the necessary weight to insure a proper unwinding and rewinding of the ball on the cord D.

It is understood that toys of the character described have heretofore been made of wood, but such toys have been found to be unsatisfactory owing to the low specific gravity of the wood; and balls made of metal are too heavy and are liable to injure furniture, etc., when using the ball in a room. It will also be noticed that by making the hemispheres of glass, they can be readily ornamented at either the flat or curved surfaces to any desired degree, so as to enhance the appearance of the ball.

In practice, the hemispheres A, A' are preferably molded or pressed, with or without ornamentation, as desired. Color may be applied to the ornamentations, so that when the ball unwinds and winds up on the cord D, a very highly artistic effect is produced. Having thus described my invention, I claim as new and desire to secure by Letters Patent:

A toy, comprising side pieces, a connecting hub, fastening means for securing the hub in place in the side pieces, and a cord attached at one end to the said hub, the said side pieces being formed of glass and approximately hemispherical in shape with the flat faces opposite each other, the said flat faces having central recesses for the reception of the ends of the said hub and the said fastening means employed for securing the hub to the side pieces, the hub being of a length in excess of the aggregate depth of the said recesses to space the side pieces apart.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

THEODORE D. FLOTO.

Witnesses:

ALFRED H. DAVIS,
PHILIP D. ROLLHAUS.