

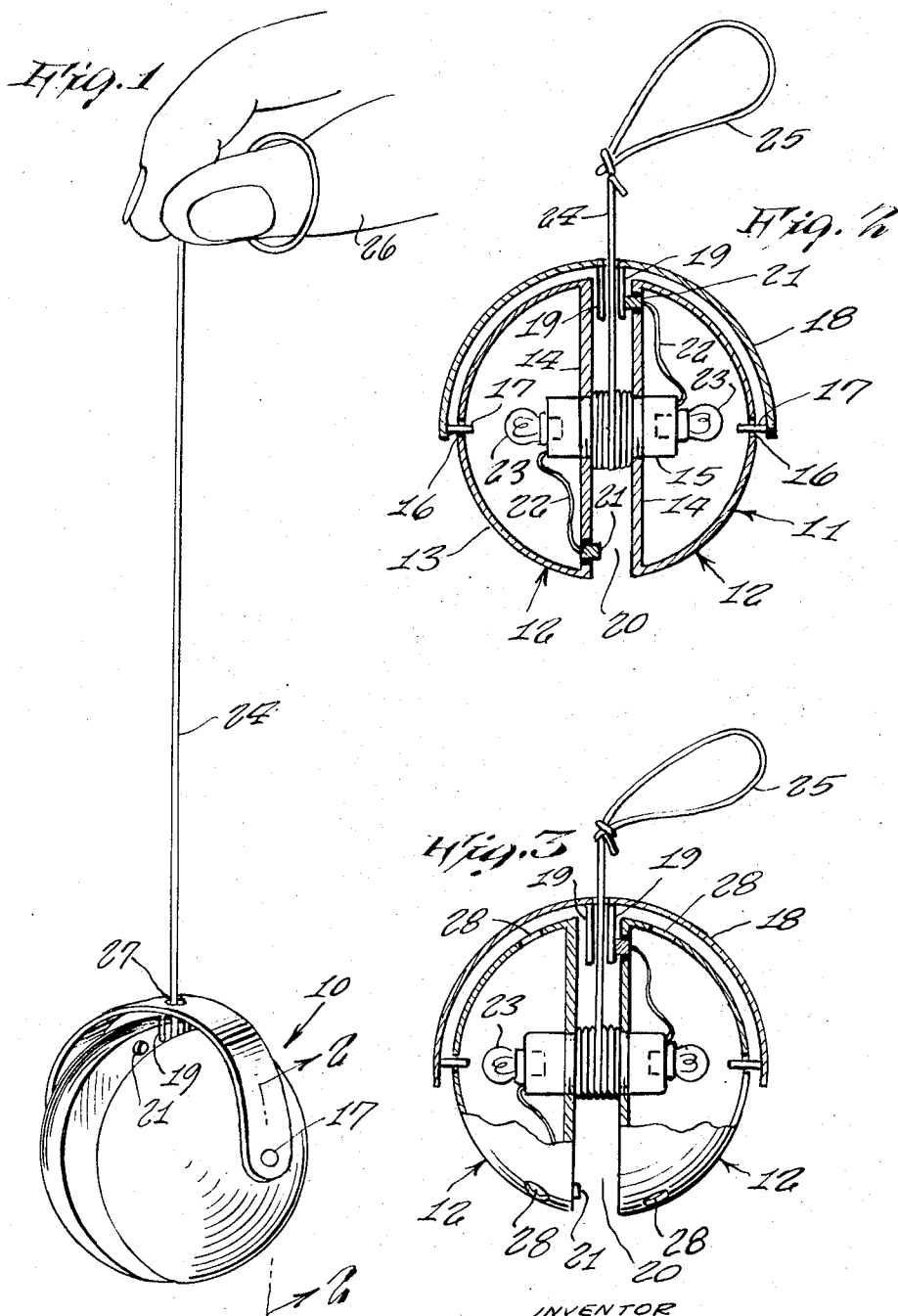
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YO-YO

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3 Claims

ABSTRACT OF THE DISCLOSURE

A Yo-Yo which produces a blinking illumination during operation, the Yo-Yo including two transparent, hemispherical hollow members carried in spaced relation upon a spindle, and including a pair of lamps and battery, the Yo-Yo including a bail which is relatively stationary while the hemispherical halves are rotating thereby allowing the engagement and disengagement of electrical contacts therebetween so to open and close an electrical circuit to the lamps during spinning operation.

This invention relates to toys. More specifically it relates to Yo-Yos and the like.

A principal object of the present invention is to provide a Yo-Yo which is illuminated during a spinning operation.

Another object of the present invention is to provide an illuminated Yo-Yo having a self-contained power means for illuminating a pair of electric bulbs contained within the Yo-Yo and wherein the brilliance of the light from the bulbs is determined by the speed of the spinning Yo-Yo.

Yet another object of the present invention is to provide an illuminated Yo-Yo which includes a plurality of spaced apart openings in the body thereof and wherein the openings produce a variable pitch of whistling sound which is determined by the changing speed of the spinning Yo-Yo.

Other objects of the present invention are to provide an illuminated Yo-Yo which is simple in design, inexpensive to manufacture, rugged in construction, easy to use and efficient in operation.

These and other objects will be readily evident upon a study of the following specification and the accompanying drawing wherein:

FIGURE 1 is a perspective view of the present invention; shown in operative use;

FIGURE 2 is a cross-sectional view taken on the line 2—2 of FIGURE 1;

FIGURE 3 is a view similar to FIGURE 2 showing a modified construction thereof.

Referring now to the drawing in detail the numeral 10 represents a Yo-Yo according to the present construction wherein there is a body 11 comprised of two hemispherical halves 12 each having a hemispherical side 13 and a flat side 14. Each half 12 is threadingly secured upon a spindle 15 having a chamber therewithin where a dry-cell battery not shown is contained. Each half of the body has a bearing opening 16 for receiving a pin 17 therein for securing the body to a bail 18 and which supports a pair of contacts 19 in spaced apart relation into an opening 20 between the body halves 12, the contacts 19 being engageable with contacts 21 secured upon the walls 14 of each half 12. Obviously the contact 19 may comprise a brush, each brush 19 being engageable with one of the contacts 21.

Each contact is connected by means of a wire 22 to one end of the battery and a lamp 23 in electrical series therewith whereby energy from the battery will be transmitted to the bulbs to light the same.

A string 24 is wound upon the exposed portion of the

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spindle located between the body halves and within the space 20, the string 24 having a loop 25 at one end thereof which is engageable by a thumb 26 of a person's hand, as shown in FIGURE 1 of the drawing.

In operative use the Yo-Yo is wound up in a conventional manner and then allowed to drop and unwind along the length of the string 24, during which time the Yo-Yo is spinning. During the spinning operation the brushes 19 come into contact with the contacts 21. It is to be noted that the contacts 21 are located diametrically opposite upon the Yo-Yo whereby the lamp within each body half will be lighted alternately as each contact comes into engagement with one of the brushes 19.

As shown in FIGURE 1 of the drawing, an opening 26 may be provided in the bail 18 and the string 24 extend through the opening 27 as shown.

In a modified form of the construction shown in FIGURE 3 of the drawing, each body half 12 includes diametrically opposite openings 28 therein which will produce a whistling sound as the Yo-Yo spins. Due to the variation of the speed during spinning, the whistling sound will have a variable pitch.

I claim:

1. In a blinking Yo-Yo, the combination of a body, said body being secured to a spindle, a U-shaped bail around said body, a string wound upon said spindle for rotating said body during operative use, said body having self contained means for illumination therewithin, said body being comprised of two hollow hemispherical halves, each of said halves having a hemispherical side and a flat side, said flat sides being threadingly engaged upon each end of said spindle, said spindle being hollow and being of a length less than the internal diameter of said body, said spindle enclosing a dry cell battery, said battery providing a means for producing electrical energy to a pair of lamp bulbs each of which is mounted on the axial ends of said spindle, said lamp bulbs being accordingly contained within said body, each of said body halves having a contact point upon its flat side, said contact points being diametrically apart, said contact points projecting into a space between said body halves, said bail being pivotally connected within an opening of each of said body halves, said bail having a pair of brushes in spaced apart relation, said brushes depending into said space between said body halves, said brushes being in alignment for contact with each of said contacts on each of said body halves, and each of said contacts being connected by wire to said lamp bulbs and battery so to form a circuit for delivering power from said battery to said lamp bulbs.

2. The combination as set forth in claim 1 wherein said body halves are made from translucent plastic material having a fluorescent pigment therein or painted thereupon so that the lamp within each half produces a greater brilliance.

3. The combination as set forth in claim 2 wherein each of said body halves has a pair of diametrically spaced apart openings therein for producing a whistling sound.

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