March 26, 1963 J. E. LEWIS 3,082,571

TOY

Filed April 18, 1961

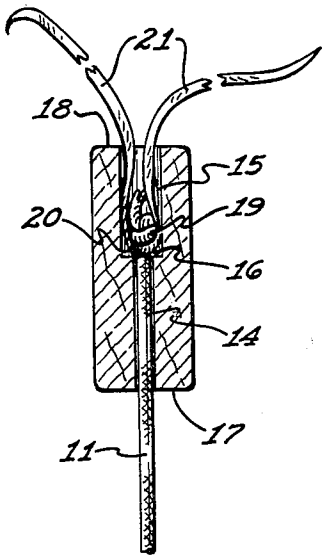


FIG. 3

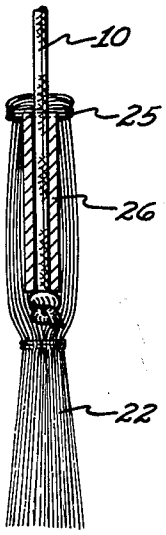


FIG. 2

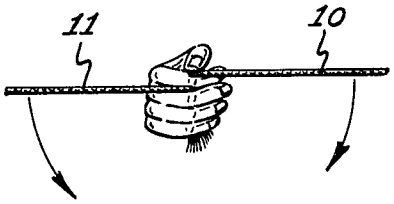


FIG. 4

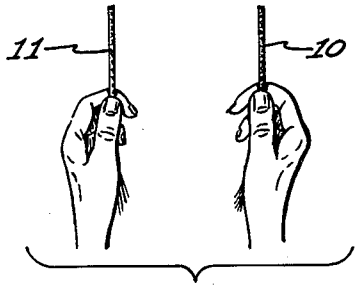


FIG. 5

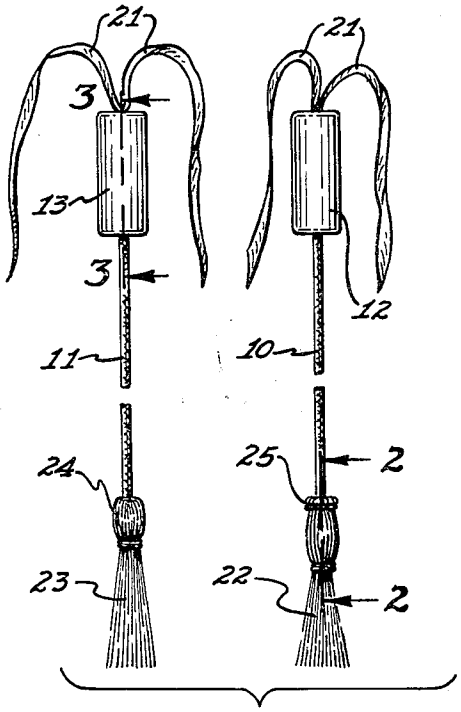


FIG. 1

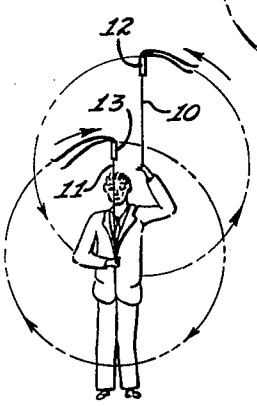


FIG. 7

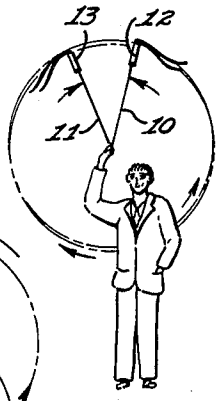


FIG. 6

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TOY

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1 Claim. (Cl. 46—51)

This invention relates to improvements in a toy and is particularly directed to a toy comprising a pair of swingable and maneuverable cords having weights and grip handles attached thereto.

One of the objects of this invention is to provide an amusement device requiring exercises of dexterity in its manipulation.

Another object is to construct a toy so as to facilitate manipulation and to insure safety in its operation.

And a further object is to construct a toy comprising a pair of cords having critically arranged and proportioned weights and manipulating handles thereon to facilitate a large series of complex maneuvers with the toy.

Further features and advantages of this invention will appear from a detailed description of the drawings in which:

FIG. 1 is a view showing the essential elements of the toy incorporating the features of this invention.

FIG. 2 is an enlarged fragmentary section on the line 2—2 of FIG. 1.

FIG. 3 is an enlarged fragmentary section on the line 3—3 of FIG. 1.

FIG. 4 is a view showing how the cords of the toy are held when single hand play is to be undertaken.

FIG. 5 is a view showing how the cords of the toy are held when two-handed play is to be done.

FIG. 6 is a view showing the device in single hand play.

FIG. 7 is a view showing the device in two-handed play.

As an example of one embodiment of this invention, there is shown a toy comprising a pair of strings or cords **10** and **11** of suitable flexible material on one end of each cord is fixed a body element **12** and **13**, preferably of long and narrow shape to aid in avoiding the crashing together of the body elements during play.

Each body element is constructed to be attached to the ends of the cords **10** and **11** as best shown in FIG. 3, wherein the body element is provided with a small longitudinally disposed bore **14** just slightly larger than and adapted to receive the cords **10** and **11**. The bore **14** opens into an enlarged counter bore **15** at a point **16** intermediate the ends **17** and **18** of the body element. A knot **19** is formed in the end of each cord **10** and **11** behind which is knotted at **20** a ribbon **21**, the assembly then being pulled back against the bottom **16** of the counter bore **15** to secure the cord to the body elements **10** and **11** with the ribbons **21** sticking out of the ends **18** thereof.

The ribbons **21** protrude out of the ends **18** of the body elements **12** and **13** so as to avoid their wrapping around the cords and getting tangled up therewith during play. The ribbons furthermore enhance the eye catching appeal during play.

The other ends of the cords **10** and **11** are provided with handle grips which take the form of tassels **22** and **23** which are suitably fixed at **24** and **25** to the cord ends. These tassels **22** and **23**, in addition to enhancing the

appearance of the toy, function to provide a handle grip that will not slip out of the hand during play, the base **24** and **25** being securely fastened to the ends of the cords.

It is important to note that in the base **25** of one of the tassels **22** there is concealed a counterweight **26**, FIG. 2, of a metallic substance securely fixed to the end of the cord **10**. This counterweight aids in balancing the one cord **10** in such a way that when it is tossed or kicked into the air, it will rotate and return to the player's hand. No counterweight is used in the other cord **11** so that when that cord is turned loosed at the right time the body element **13** being heavier will continue to rotate while the tassel tends to float in mid air for about one half turn, long enough for the player to make a right face, is desired, and then catch the tassel again and perform other desired maneuvers.

While the apparatus herein disclosed and described constitutes a preferred form of the invention, it is also to be understood that the apparatus is capable of mechanical alteration without departing from the spirit of the invention and that such mechanical arrangement and commercial adaptation as fall within the scope of the appendent claims are intended to be included herein.

Having thus fully set forth and described this invention what is claimed and desired to be obtained by United States Letters Patent is:

A toy comprising in combination:

(*a*) a pair of cords of flexible material of substantially equal length,

(*b*) a body element of relatively long and narrow shape adapted to be fixed on one end of each of said cords,

(*c*) means for securing said body element to the cord end including a small longitudinally disposed bore of a size slightly larger than and adapted to receive the cord, said small bore opening into an enlarged counter bore at a point intermediate the ends of said body element,

(*d*) a knot formed on one end of each cord,

(*e*) a ribbon knotted to each cord end behind said cord knot, both of said ribbon and cord knots being pulled back within said counterbore to the bottom thereof to secure said cords to said body elements with said ribbons sticking out of the free ends of said body elements so as to prevent said ribbons from becoming entangled and wrapped around said cords during play,

(*f*) handle grips fixed on the other ends of said cords comprising,

(*g*) a tassel fixed to each other cord end adapted to provide handle grips for the player,

(*h*) and a counterweight fixed to the other end of one of one of said pair of cords within the base of one of said tassels so as to balance one cord so as to perform in a different and coordinated manner with the other cord during simultaneous play with both cords.

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