Dec. 6, 1932. J. M. MURPHREE 1,890,043

TOP SPINNER

Filed July 13, 1931

Fig. 1.

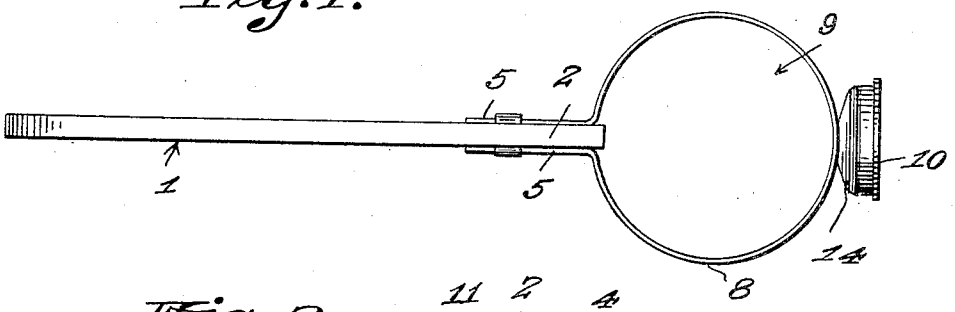


Fig. 2.

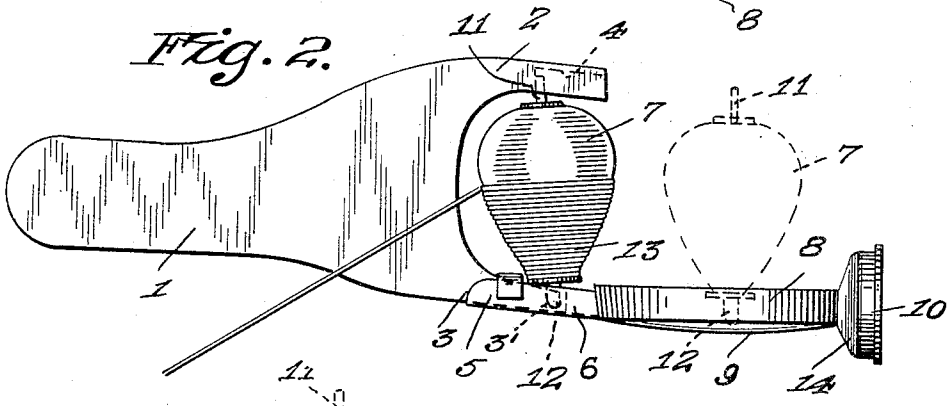


Fig. 3.

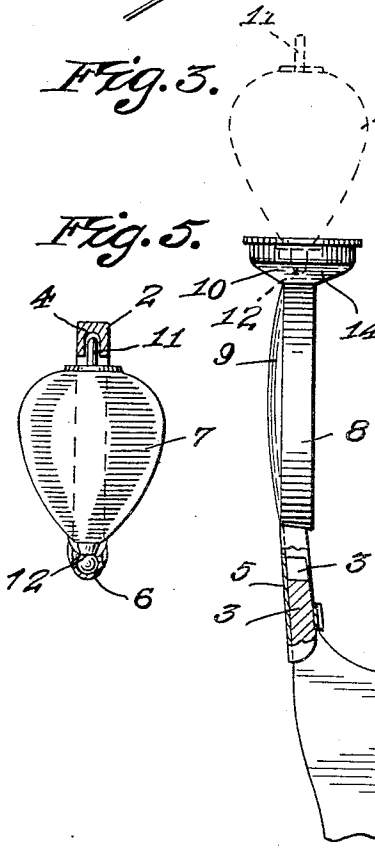


Fig. 4.

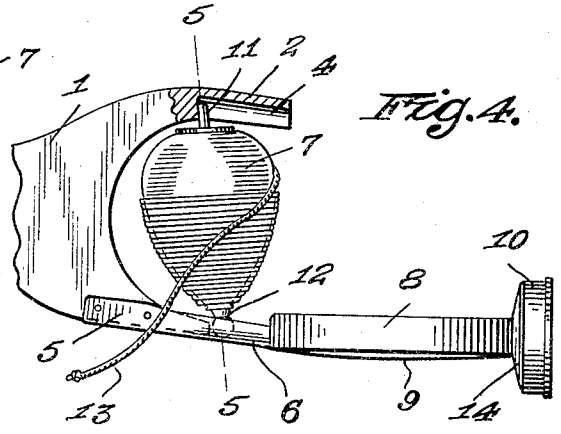


Fig. 5.

J. M. Murphree, INVENTOR

BY Victor J. Evans and Co. ATTORNEY

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UNITED STATES PATENT OFFICE

JAMES M. MURPHREE, OF TROY, ALABAMA

TOP SPINNER

Application filed July 13, 1931. Serial No. 550,577.

My present invention has reference to a spinning toy and particularly to a holding device for a wound top whereby the top, when unwound, is caused to travel onto a disc from which the same, while spinning may be projected by the operator into the air to cause the same to again light on the disc or onto a cup that is carried by the disc and whereby both amusement and exercise will be afforded the child possessing the device.

To the attainment of the foregoing the invention consists in the improvement hereinafter described and definitely claimed.

In the drawing:

Figure 1 is a top plan view of the improvement.

Figure 2 is a side elevation thereof, showing in full lines a wound top positioned for unwinding and by the dotted lines the unwound top arranged for spinning on the disc.

Figure 3 is a view showing the device in vertical position, the toy illustrated by dotted lines arranged for spinning in the cup.

Figure 4 is a fragmentary side elevation, substantially similar to Figure 2 with the parts in section.

Figure 5 is a sectional view approximately on the line 5—5 of Figure 4.

As disclosed by the drawings the improvement comprises a handle member 1 that has one of its ends widened and bifurcated. For distinction the upper arm provided by the bifurcation is indicated by the numeral 2 and the lower arm by the numeral 3. The arm 2 from its end has its inner face grooved longitudinally, as at 4. The outer end of the lower arm is notched, as at 3′. The arms 2 and 3 are arranged at the same angle of inclination with respect to the longitudinal plane of the handle 1, and the upper arm 2 is of a greater length than that of the lower arm 3.

Fixedly secured to the sides and bottom of the lower arm 3 and projecting outwardly therefrom there are the flat side plates 5 of a cross sectionally U-shaped member 6 that provides a runway for the peg or plug of the top 7. The runway 6 is in parallelism with the upper arm 2 and the said runway communicates with the side of an opening in the flange 8 of a disc 9. The disc has a concaved bottom. The runway is parallel with the arm 2 so the top 7 is held in the runway and groove of the arm 2 until spun and the spinning top will be directed into the flanged disc 9.

The upper arm 2 is longer than the lower arm 3, the said upper arm being of a length at least equaling that of the runway. This keeps the top from jumping out of the disc after leaving the runway. The flange 8 on the outer end of the disc has secured thereto a cup member 10. The upper end of the top 7 is centrally provided with a pin 11 while the plug of the top at the opposite end thereof is for distinction indicated by the numeral 12. The cord 13 is wound around the top in the usual manner. The plug of the top will rest against the outer end of the arm 3 of the handle when arranged in the runway and the pin is received in the groove or notch 4 and contacts with the inner wall of the said groove or notch. This holds the top at an angle as disclosed by Figures 2 and 4 of the drawings. This is an important feature of the improvement inasmuch as when the top is unwound the same, when spinning will be caused to travel in a substantially vertical position through the runway 6 onto the concaved bottom of the disc 9. The top will spin on the disc but the operator may manipulate the handle 1 to cause the top to be projected from the disc and again returned thereonto while still spinning or the operator may further manipulate the handle to cause the spinning top to be received in the cup 10 and spin on the concaved bottom 14 of the said cup.

The device it will be noted affords both amusement and exercise to the top spinner and it is believed the construction and operation of the improvement will be fully understood when the foregoing description has been read in connection with the accompanying drawing and likewise that the novelty afforded by the improvement and the advantages of the said improvement will be apparent so that further detailed description will not be required.

Having described the invention, I claim:

1. A top spinner including a flat handle having one of its ends bifurcated to provide upper and lower arms, arranged at the same angle of inclination, the upper arm being of a greater length than the lower arm and having its inner face grooved from its outer end and the outer end of the lower arm being notched, a flanged disc having a substantially U-shaped portion extending angularly from one side thereof and communicating therewith, said extension affording a runway which has its outer end fixed to the sides of the lower arm and the inner wall of the runway being parallel with the groove in the upper arm, said groove and runway designed to receive therein a pin and a plug on the opposite ends of a wound top and the plug designed to be received in the notch of the lower arm and whereby the unwinding of the top will cause the same to travel through the groove of the upper arm and through the runway into the flanged disc.

2. A top spinner including a flat handle having one of its ends bifurcated to provide upper and lower arms, arranged at the same angle of inclination, the upper arm being of a greater length than the lower arm and having its inner face grooved from its outer end and the outer end of the lower arm being notched, a flanged disc having a concaved bottom, a cup on the outer end of the disc, a cross sectionally U-shaped extension secured to the flange on the inner end of the disc, communicating with the disc and affording a runway that receives therein and is secured to the lower arm of the handle, and said runway being arranged at the same angle as that of the upper arm of the handle, said runway and the groove of the upper arm designed to receive therein a plug and a pin on the respective ends of a wound top and which top when unwound is designed to travel through the groove and runway into the disc to spin in the said disc and the handle permitting the spinner to be manipulated to project the spinning top from the disc into the cup.

In testimony whereof I affix my signature.

JAMES M. MURPHREE.