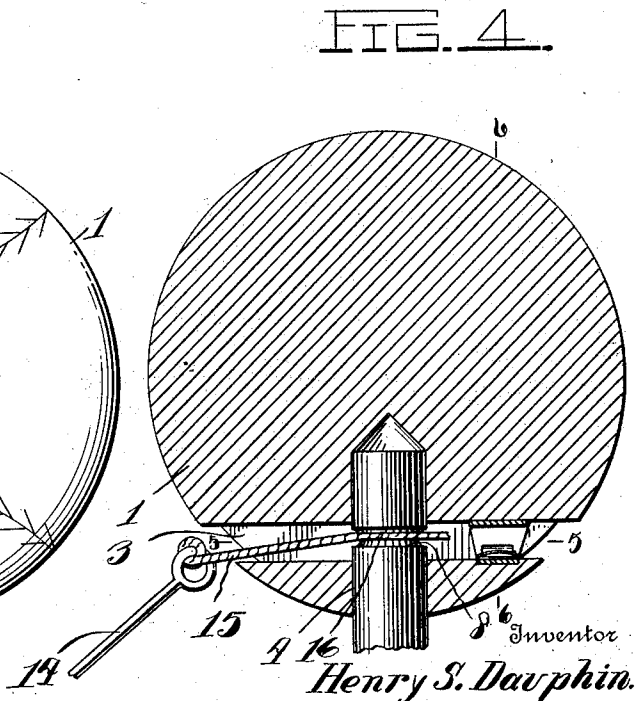
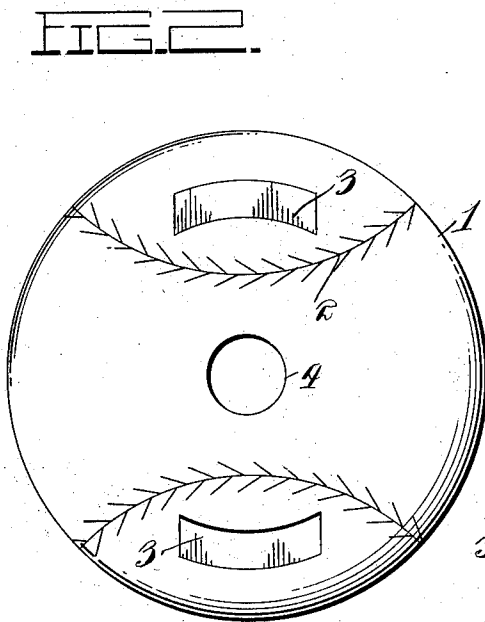
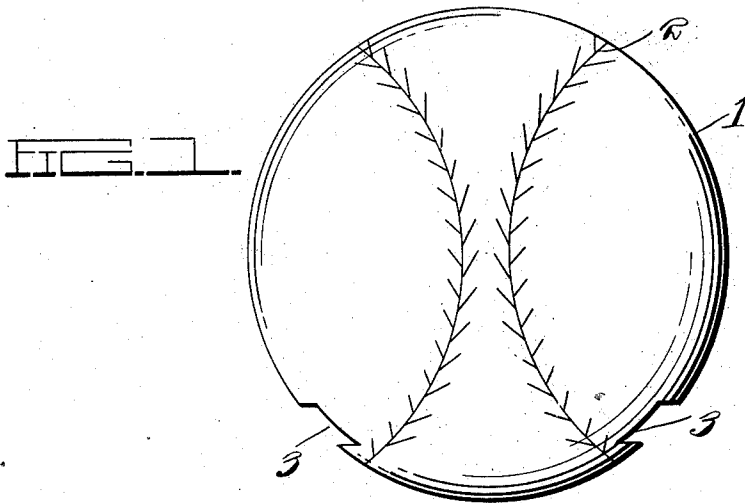


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TOY.
APPLICATION FILED MAY 16, 1911.

1,025,689.

Patented May 7, 1912.
2 SHEETS—SHEET 1.



Witnesses
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2 SHEETS—SHEET 2.

FIG. 6.

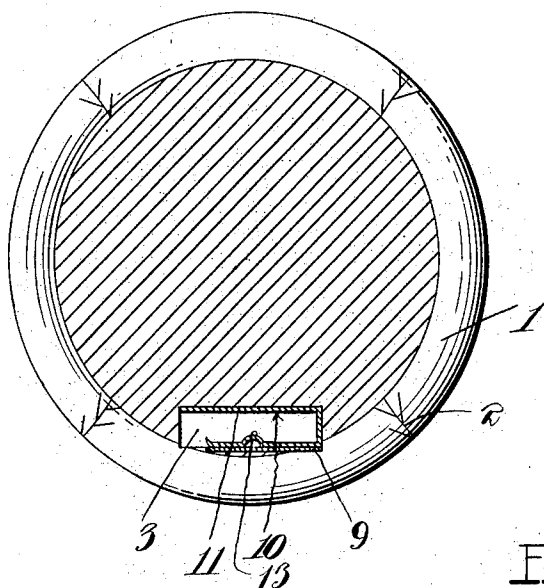


FIG. 5.

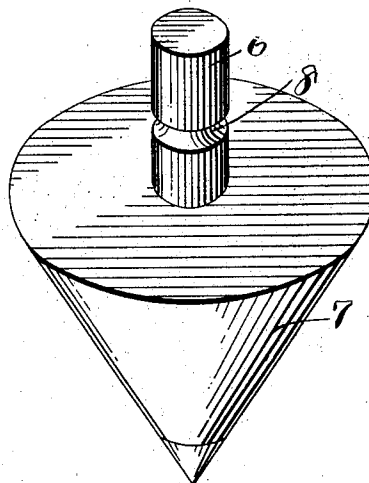


FIG. 4.

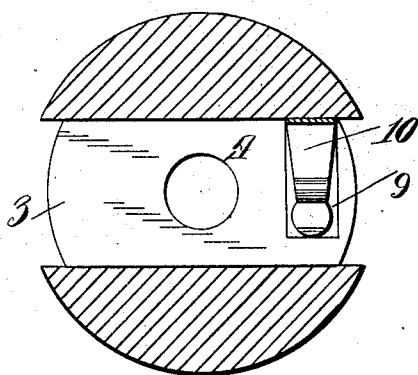
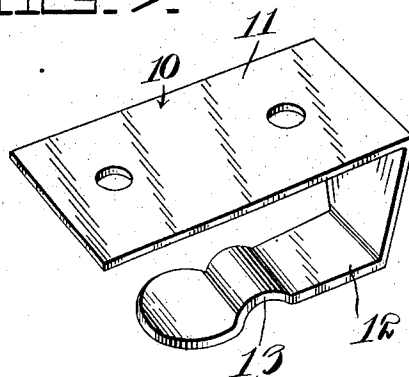


FIG. 7.



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TOY.

1,025,689.

Specification of Letters Patent.

Patented May 7, 1912.

Application filed May 16, 1911. Serial No. 627,497.

To all whom it may concern:

Be it known that I, HENRY S. DAUPHIN, a citizen of the United States, residing at Sheldon, in the county of Franklin and State of Vermont, have invented certain new and useful Improvements in Toys, of which the following is a specification.

My invention relates to improvements in toys and has for its leading object the provision of an improved top and means for spinning the same.

The further object of my invention is the provision of a neat and attractive device of inexpensive construction which may be employed to impart a spinning or rotative movement to any top of the type provided with an upstanding spindle portion.

Other objects and advantages of my improved top will be readily apparent by reference to the following description taken in connection with the accompanying drawings and it will be understood that I may make any modifications in the specific structure shown and described within the scope of my claim without departing from or exceeding the spirit of the invention.

Figure 1 represents a side elevation of my invention. Fig. 2 represents a bottom plan view thereof. Fig. 3 represents a perspective view of a top for use in connection with my invention. Fig. 4 represents a sectional view of my device showing the spindle of the top engaged therein. Fig. 5 represents a sectional view on the line 5—5 of Fig. 4. Fig. 6 represents an enlarged sectional view on the line 6—6 of Fig. 4, and Fig. 7 represents a perspective view of the tension device removed.

In the drawings, the numeral 1 designates the ball or sphere of my top spinning device which is preferably made of wood having burned thereon the lines 2 in imitation of the seams and stitching of a base ball, it being understood that I have adopted this form merely to present an attractive appearance and the operation of my device has nothing to do with the shape of the member 1.

Formed in the sphere and extending at right angles to a radius bisecting the same is the passage 3, a circular passage 4 extending radially into the sphere and bisecting the passage 3. Said passage 4 is of size to receive the spindle 6 of the top 7, said spindle having a groove 8 formed therein and

the depth of the passage 4 being such as to cause the groove 8 to lie in alinement with the passage 3.

Secured to the outer face of the passage 3 is a reinforcing or wear plate 9, while secured to the inner face of the passage is a second plate 10 having a portion 11 lying along one side of the passage and having a resilient finger 12 bent to lie against the plate 9, said finger having a central upwardly curving offset portion 13.

In the use of my improved top spinner, I first insert the spindle 6 into the passage 4 and I then pass through the passage 3 and at one side of the spindle 6 the stiff end or needle portion 14 of the cord 15 and draw the needle out of the passage. I then pass the needle backward through the passage on the opposite side of the spindle to form a loop around the spindle and then again pass the needle through the passage to cause the cord to form a coil around the spindle and fitting in the groove 8. The needle and cord when thus inserted lie between the plate 10 and its resilient finger 12, and I then so shift the cord 15 as to engage the same beneath the finger, the cord pressing upward into the offset 13 and being clampingly held against the plate 9 by the said spring finger. To spin the top, it is merely necessary to quickly draw on the needle end of the cord, the finger 12 holding the cord tense while the loop or coil 16 around the spindle causes the spindle to rotate as the cord is moved, the engagement of the cord in the groove 8 holding the top within the passage 4 until the cord is drawn off of the spindle, the top then dropping from the member 1 onto the floor or table on which it is desired to spin the top.

From the foregoing description taken in connection with the accompanying drawings, the construction and operation of my improved top spinning device will be readily understood, and it will be seen that I have provided a device which will satisfactorily impart a rotary or spinning movement to the top and will automatically release the top when the impelling cord has completed the imparting of the movement to the top.

I claim:

A toy, comprising a handle portion having passages formed therein and extending at right angles to each other, a top having

a grooved spindle engaged in one of said passages, a cord having a coil passing around the grooved portion of the spindle and having its ends extending outward
5 through the passage at right angles to the spindle receiving passage, and a tension device engaging one end of the cord.

In testimony whereof I affix my signature, in the presence of two witnesses.

HENRY S. DAUPHIN.

Witnesses:

FRED N. CHASE,
H. R. MERRITT.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
