

H. J. COLE.
MECHANICAL TOY.
APPLICATION FILED OCT. 31, 1917.

1,279,987.

Patented Sept. 24, 1918.

Fig. 1.

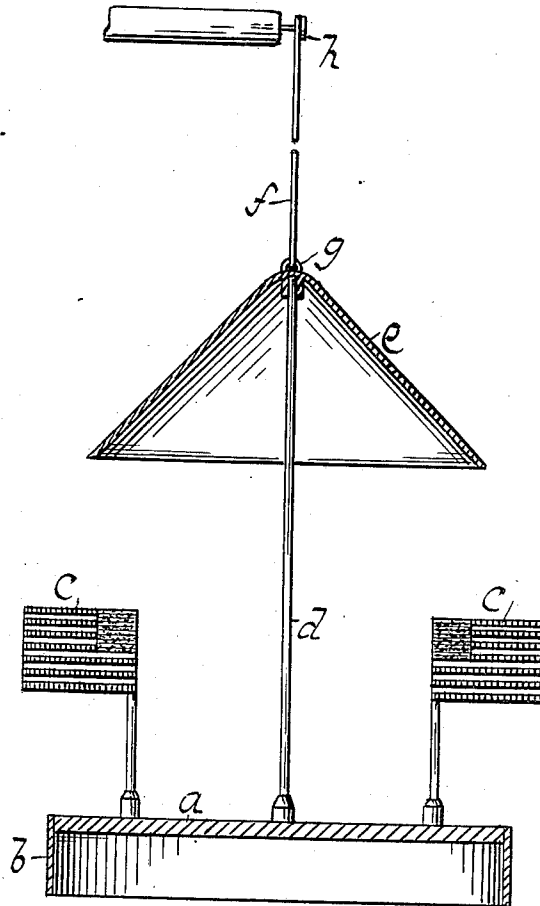
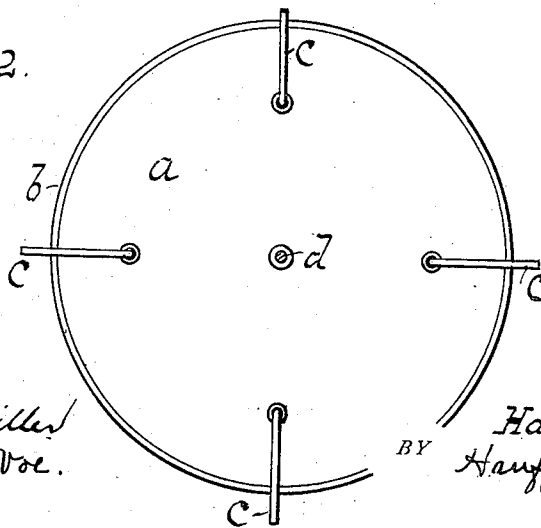


Fig. 2.



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UNITED STATES PATENT OFFICE.

HARRY J. COLE, OF BENNINGTON, VERMONT.

MECHANICAL TOY.

1,279,987.

Specification of Letters Patent. Patented Sept. 24, 1918.

Application filed October 31, 1917. Serial No. 199,443.

To all whom it may concern:

Be it known that I, HARRY J. COLE, a citizen of the United States, residing at Bennington, county of Bennington, and State of Vermont, have invented new and useful Improvements in Mechanical Toys, of which the following is a specification.

This invention relates essentially to a mechanical toy in which rotary motion is imparted to a device by the force of gravity, in combination with the torsional force exerted on a suspender by the weight of the device.

The fundamental object of the invention is to provide a toy designed especially to stimulate a child's imagination, and which can be made the subject of a study to entertain persons with a mental tendency for mechanics.

The novel features of the invention are more fully described in the following specification and claims and illustrated in the accompanying drawing in which:

Figure 1 represents a sectional side elevation of a toy embodying this invention.

Fig. 2 is a plan view of the same partly in section.

In this drawing the letter *a* designates a table or platform which is preferably circular and provided with a card board rim *b* having pictures printed thereon to give a pleasing effect. A series of flags *c* as shown or any other objects such as card board figures of clowns or manikins are mounted on the table. A pole *d* projects upward from the center of the table and it has fixed to its top a canopy *e* of conical shape. This canopy

is suspended by means of a thread *f* fastened to an eye *g* and a pin or nail *h* driven into a table or any stationary article elevated from the ground.

The thread as shown is of the ordinary sewing kind consisting of three or more yarns united and intertwisted. When the thread is fastened as indicated the canopy and the table will revolve at a uniform rate of speed until the thread is entirely untwisted. In this device the time of travel is limited by the length of the thread, in actual practice a thread about two yards long will whirl a table around a central point for about three quarters of an hour.

I claim:—

1. A mechanical toy comprising a table, a pole secured to the center of the table, a conical canopy fixed to the top of the pole, and a single thread secured to the central top portion of the canopy for suspending it from a stationary object.

2. A mechanical toy comprising a table, a pole secured to the center of the table, a conical canopy fixed to the top of the pole, and a single thread consisting of a number of intertwisted united yarns secured to the central top portion of the canopy for suspending it from a stationary object.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

HARRY J. COLE.

Witnesses:

J. J. SHAKSHOLM,
JOHN NASH.

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