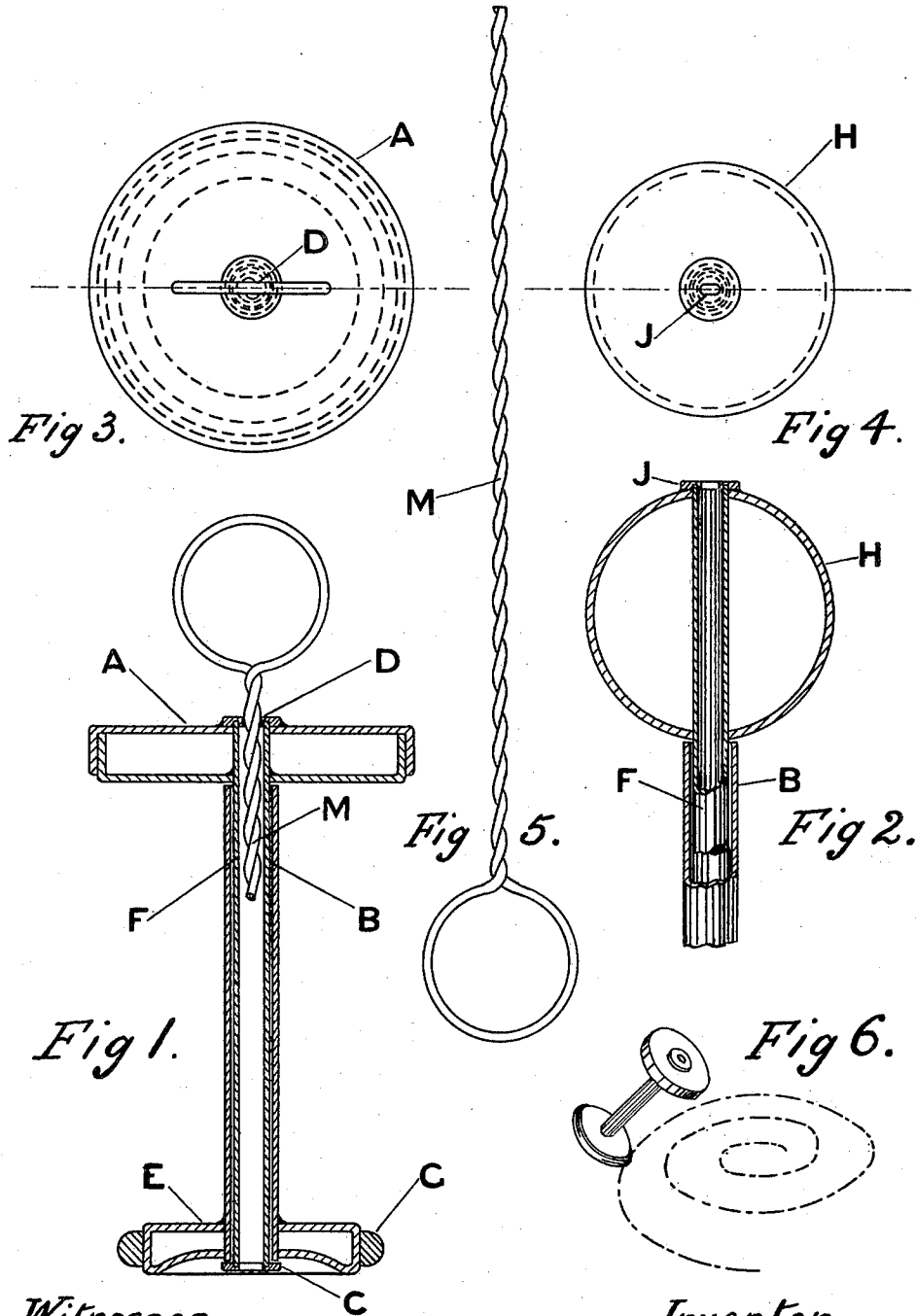


C. B. WINZER.
SPINNING TOY.
APPLICATION FILED AUG. 10, 1911.

1,032,525.

Patented July 16, 1912.



Witnesses.
George Ryle
Richard James

Inventor.
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UNITED STATES PATENT OFFICE.

CHARLES BURTON WINZER, OF FULHAM, LONDON, ENGLAND.

SPINNING TOY.

1,032,525.

Specification of Letters Patent.

Patented July 16, 1912.

Application filed August 10, 1911. Serial No. 643,284.

To all whom it may concern:

Be it known that I, CHARLES BURTON WINZER, a subject of the King of Great Britain and Ireland, and a resident of Fulham, in the county of London, England, have invented a new or Improved Spinning Toy, of which the following is a specification.

My invention relates to the construction of a new or improved spinning toy to operate in a very novel manner.

In carrying out my invention I construct a toy consisting of a disk with a hollow tube attached to the center thereof the disk being perforated centrally. Another disk to correspond with it and of smaller diameter, is also constructed in like manner with a hollow tube attached, of sufficiently large diameter to allow the aforesaid tube to pass freely into and through it and the small disk, the end being turned outwardly to form a stop. A ring of rubber, cardboard, or any other suitable material is used around the small disk. The orifice in the center of the large disk is so shaped as to correspond with the spinner, which consists of a double twisted wire forming a coarse pitched screw or spiral.

In order that the invention may be properly understood I proceed to describe the same with reference to the accompanying drawings in which:—

Figure 1. is a sectional elevation of the toy. Fig. 2. is a modification of the same. Fig. 3. is a plan of the large disk. Fig. 4. is a plan of a modification of the same. Fig. 5. is a representation of the spinner. Fig. 6. is a view of the toy in action.

A is a disk, and B a hollow tube centrally attached to same, the end of which is turned outwardly at C to form a stop. The disk A has a central perforation D shaped to correspond with the spiral of the spinner to be used for operating the toy.

E is a smaller disk with hollow tube F attached, of sufficient diameter and length to allow the tube B to revolve freely within it. Around the periphery of the disk E

may be placed a ring G of rubber or any other suitable material.

The spinner M is made of a double twisted wire forming a coarse pitched screw or spiral.

In a modification of the toy, a hollow ball or globe H is substituted for the disk A the hollow tube B passing through it with the perforation J at its end for the spinner to operate in, as shown in Figs. 2 and 4.

The toy operates in the following manner. The outer tube F is held by the left hand, and the spinner by the right hand, the latter being pushed into the slotted end of the large disk A and through as far as it will go, and is then quickly withdrawn, causing the large disk and tube B to rapidly revolve, the toy is then placed on a spinning surface, resting on the surface of the small disk E with the large disk slightly raised from the surface, as shown in Fig. 6. It then spins for a long period and is carried around in decreasing circles as it does so, or it will remain where placed, gradually rising to an erect position in accordance with the angle of placement or the direction given to it in placing it on to the spinning surface.

What I claim as my invention, and desire to secure by Letters Patent, is—

In a new or improved spinning toy the combination of a disk with a tube centrally attached, and having a central perforation or slot for a spinner to operate in, a smaller disk with a tube of diameter large enough to allow aforesaid tube to work freely therein, and a spinner shaped to fit the said slot as shown, constructed and operating as described and illustrated in the accompanying drawings.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES BURTON WINZER.

Witnesses:

GEORGE ROYLE,
H. D. JAMESON.