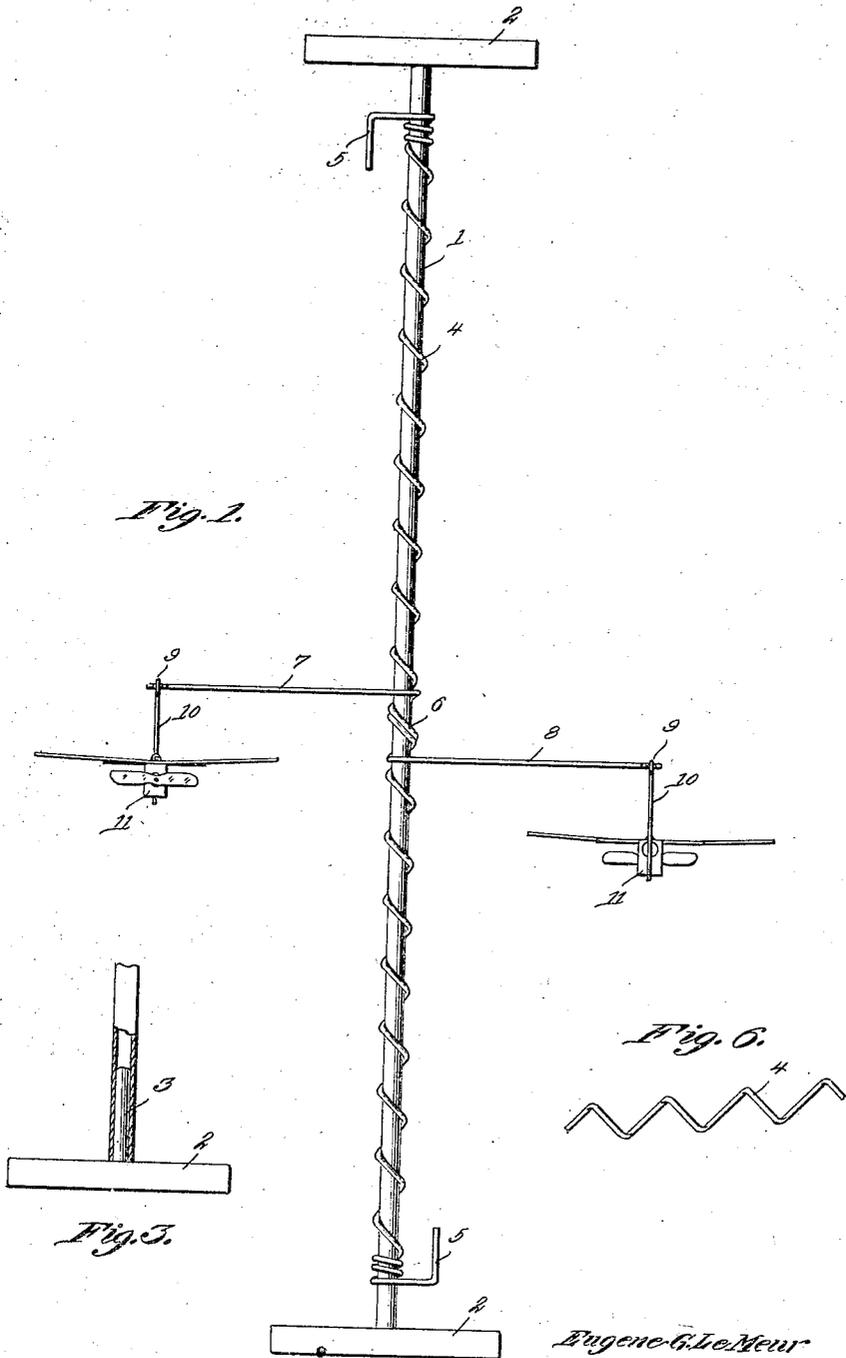


Jan. 2, 1923.

E. G. LE MEUR.  
TOY.  
FILED DEC. 30, 1921.

1,441,158.

2 SHEETS—SHEET 1.



*J. M. Evans*  
*Witness*  
WITNESS:

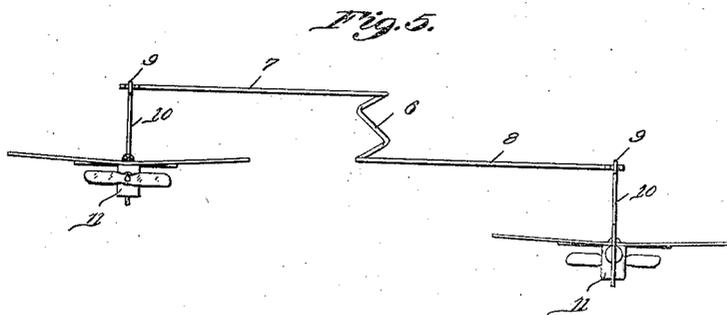
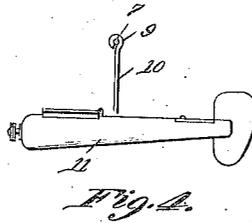
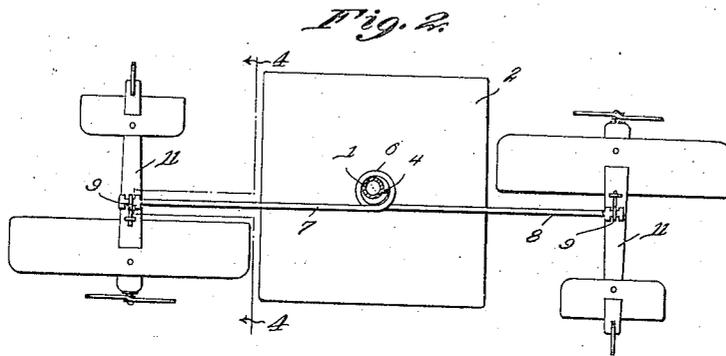
*Eugene G. LeMeur*  
INVENTOR  
BY *Victor J. Evans*  
ATTORNEY

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2 SHEETS—SHEET 2.



*W. Evans*  
*Wright Smith*  
WITNESS:

*Eugene G. LeMeur*  
INVENTOR  
BY *Victor J. Evans*  
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## UNITED STATES PATENT OFFICE.

EUGENE GRATIEN LE MEUR, OF ORLEANS, MASSACHUSETTS.

## TOY.

Application filed December 30, 1921. Serial No. 525,331.

*To all whom it may concern:*

Be it known that I, EUGENE GRATIEN LE MEUR, a citizen of France, residing at Orleans, in the county of Barnstable and State of Massachusetts, have invented new and useful Improvements in Toys, of which the following is a specification.

My present invention has reference to a toy.

My object is to produce a toy in which a traveler having suspended objects in the nature of miniature aeroplanes are caused to descend by gravity and travel in a circular direction around a standard to produce the effect of one plane chasing the other, the standard having its ends headed whereby the same may be reversely positioned when the traveler has reached the limit of its movement in one direction thereon to permit of the same again traveling in a downward direction on the standard, the aeroplanes, incident to the swinging connection of the suspending means therefor with the standard again assuming upright positions, and whereby the traveler will continuously travel downwardly on the standard when the same is repeatedly arranged end for end.

It is a further object to produce an amusement device or toy in which a tubular standard is employed, the same having removably connected with its ends blocks, and the said standard having spirally wound therearound a wire which provides the same with a spiral track, and which incident to its inherent resiliency will effectively grip the standard, the said wire having its ends offset and hooked, while on the standard there is a traveler, the same being preferably constructed from a single strand of wire which is centrally wound upon itself to provide a spiral that is designed to engage with and travel on the spiral track of the standard, and whereby the opposed arms of the travelers are disposed one below the other, while swingingly connected to the end of each of the arms is a light rod or bar that supports thereon a weighted body which is preferably in the nature of a minute aeroplane, the traveler, when arranged at the top of the standard, incident to the weighted bodies on the ends thereof descending by gravity, and in such movement follows the course of the spiral track to give the appearance of one of the planes attempting to capture the other plane, and when

the said traveler reaches the bottom of the track one of the arms thereof is contacted by the hooked end of the track to prevent further movement, the operation of the toy being practically continuous by merely turning the standard end for end and permitting the same to be alternately supported on each of its heads.

A further object is to produce a toy of this character which shall be of an extremely simple construction, cheaply manufactured and marketed, and which will afford both amusement and instruction.

The foregoing, and other objects which will appear as the nature of the invention is better understood, may be accomplished by a construction, combination and operative association of parts, such as is disclosed by the drawings which accompany and which form part of this specification.

In the drawings:—

Figure 1 is a perspective view of the improvement.

Figure 2 is a horizontal sectional view taken through the tubular standard directly above the traveler, and looking in the direction of the traveler.

Figure 3 is a fragmentary sectional view taken through one of the removable heads of the standard.

Figure 4 is a sectional view on the line 4—4 of Figure 2,

Figure 5 is a perspective view of the traveler and the weighted elements carried thereby.

Figure 6 is a perspective view of a portion of the spirally wound wire that provides the track.

Referring now to the drawings in detail, a tubular standard is indicated by the numeral 1. The standard has its ends provided with heads 2. Each head is preferably in the nature of a flat block and is centrally provided with a stem 3 designed to be received in the end of the standard and to frictionally engage with the wall thereof. The standard may be supported in a vertical position when resting on either of the heads 2.

Wound spirally around the standard is a wire 4. The wire, incident to its inherent resiliency will exert a sufficient friction against the standard to hold the same properly positioned thereon, and at the same time permit of the adjustment of the wire on the standard should it be found desirable. The

wire provides the standard with a spiral track. The wire or track 4 has its ends offset and preferably hook-shaped, as at 5, the purpose of which will presently be apparent.

5 Designed for movement downwardly on the standard there is a traveler. The traveler is preferably constructed from a single strand of wire, which is centrally coiled upon itself to provide a spirally wound track engaging portion 6, the ends of the said portion 6 being extended in opposite directions to provide arms 7 and 8 respectively. The arms 7 and 8 are offset with respect to each other, that is one is arranged below the other.

10 On the outer end of each of the arms there is swingingly secured, as at 9 a light rod 10. Each rod has its free end secured to a weighted body 11. In the showing of the drawings, the weighted bodies are in the nature of miniature aeroplanes, and as one of the planes is arranged above the other it will be apparent that when the traveler descends on the standard and travels on the spiral track, thereof, a rotary motion will be imparted to the traveler and one of the planes will have the appearance of chasing the other plane. When the traveler has reached the limit of its downward movement, one of the arms thereof will contact with one of the hook-shaped ends 5 of the spiral track which limits the movement of the said traveler in such direction. By simply turning the device end for end, that is permitting the same to be supported upon the head thereof which is previously uppermost, the weighted bodies, incident to the hinged swinging connection of the supporting rods 10 with the arms 7 and 8 of the

traveler will again assume upright positions, and the traveler will again descend on the standard.

By removing one of the heads from the standard and by straightening the hook-shaped end 5 of the wire track 4, the traveler may be detached from the standard. This is desirable when the toy is not in use or when the same is to be packed for shipment or storage. It will be noted that the toy is of an extremely simple construction to permit of the cheap manufacturing and marketing thereof and as the device may be operated by simply turning the same end for end in a vertical direction, a continuous source of amusement will be afforded.

It is to be understood, however, that in lieu of the miniature aeroplanes, other weighted objects may be swingingly supported from the ends of the arms of the traveler.

Having described the invention, I claim:—

60 In a toy, a tubular standard, heads having stems received in the ends of the standard providing rests for the device when the same is arranged in reverse vertical positions, a spring wire member spirally wound around the standard and providing a track, said track having its ends hook-shaped to form stops for a traveler, a traveler having a central spiral portion engaging the spiral track and having oppositely directed arms at the respective ends of the said spiral portion, rods swingingly supported on the ends of the arms, and a weighted element on each rod.

In testimony whereof I affix my signature.  
EUGENE G. LE MEUR.