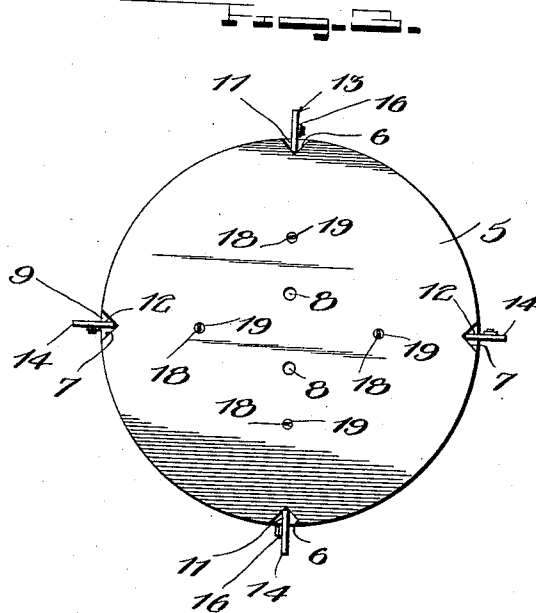
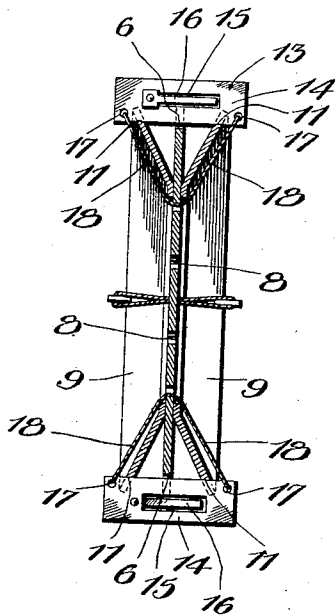
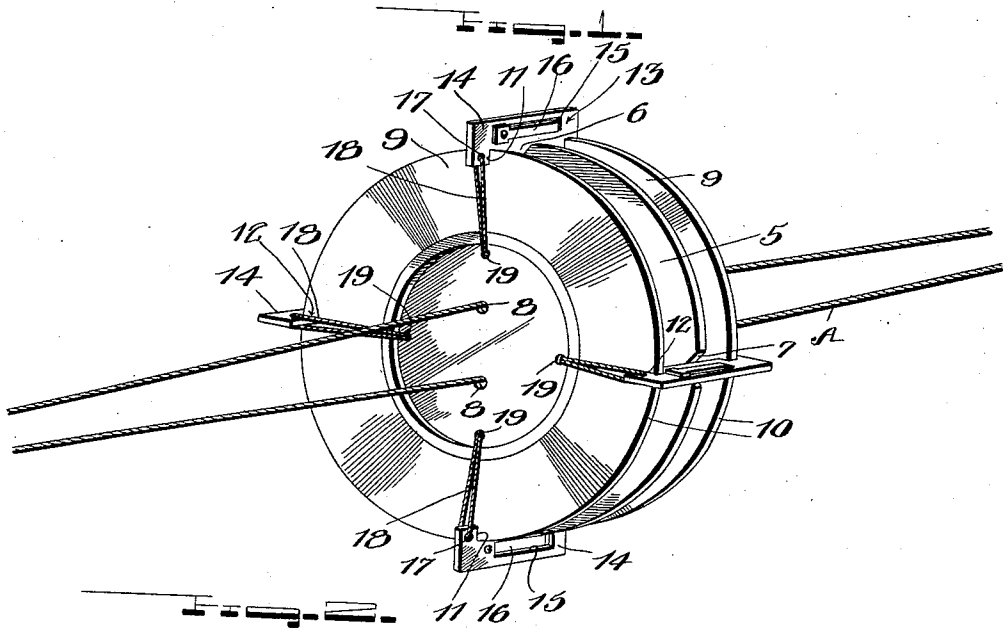


F. A. S. MONEY.
WHIRLIGIG.
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1,051,966.

Patented Feb. 4, 1913.



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UNITED STATES PATENT OFFICE.

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WHIRLIGIG.

1,051,966.

Specification of Letters Patent.

Patented Feb. 4, 1913.

Application filed April 18, 1912. Serial No. 691,564.

To all whom it may concern:

Be it known that I, FRANK A. S. MONEY, a citizen of the United States, residing at Haywood, in the county of Chatham, State of North Carolina, have invented certain new and useful Improvements in Whirligigs; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in sounding toys of that class of toys commonly known as whirligigs.

The principal object of this invention is to provide a whirligig with a plurality of sounding means, such as reeds or the like, whereby upon rotation of the gig different tones will be produced.

Another object of the invention is to provide a whirligig of the character described in which the sound producing means are mounted upon the periphery of the gig in such a manner as to create a resultant peripheral weight, whereby the momentum of the gig will be greatly assisted.

A further object of the invention is to provide a sounding toy of the character described which is composed of a minimum number of parts, is therefore simple in construction, and is cheap to manufacture.

With these and other objects in view, the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended; it being understood that various changes in the form, proportion, size and minor details of construction within the scope of the claims, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawing: Figure 1 is a perspective view of a toy constructed in accordance with my invention, Fig. 2 is a transverse section through the gig, and Fig. 3 is a plan view of the gig showing one of the circular brackets removed.

Like reference numerals designate corresponding parts in all the figures of the drawing.

Referring to the drawing, the invention comprises a circular disk 5 formed from flat metal, cardboard or any other suitable material. Formed in the periphery of this

disk is a plurality of diametrically opposed pairs of V-shaped recesses 6—6 and 7—7 respectively, it being understood that more of these recesses may be formed if so desired. Formed in the disk at points equi-distant from the center thereof are openings 8—8 through which an endless operating cord A is passed. Secured to the opposite face of the disk 5 at points in spaced relation to the periphery thereof are circular brackets 9—9. These brackets outwardly diverge from the disk, and have their peripheries disposed in the same plane as the periphery of the disk. Formed in the brackets 9 and extending inwardly from the peripheries thereof are spaced pairs of diametrically opposed pairs of radial slots 11—11 and 12—12 respectively, said pairs respectively registering with the corresponding V-shaped slots 6 and 7 of the disk.

My invention further comprises a plurality of sound producing means, each means being indicated as a whole by the reference numeral 13. Each means comprises a rectangular plate 14 which is disposed transversely of the whirligig, and is seated within any of said aligned slots. This plate is centrally formed with a longitudinal opening 15, and secured to the plate and registering with the opening is a reed 16 of any suitable type, it being understood that the reed of one pair of plates is disposed on one side thereof and the reeds of the other pair is disposed on the opposite side, so that upon rotation of the whirligig in opposite directions, the opposite reeds will be brought into operation. These plates are each formed at their ends with openings 17—17 to which a cord 18 is attached, said cord passing through an opening 19 formed in the disk 5 below the brackets 9. It will thus be observed that by means of the brackets 9 being attached adjacent the periphery of the disk and the reed-carrying plates also disposed around the periphery of the gig, the momentum of the toy will be greatly assisted.

In practice, the operator takes hold of the ends of the operating cord and rotates the gig until the cord is twisted. He then releases the pull on the cord and as a result, the whirligig will rotate first in one direction and then in another, it being understood that the operator assists in the winding of the cord by steady pulls upon the same. Upon the rotation of the whirligig

the air will be forced against the reeds, and as a result, different musical sounds will be created. In order to create a better musical effect different size reeds may be employed.

What is claimed is:

1. In a whirligig, the combination with a rotatable disk, of a plurality of sound producing means transversely supported upon the periphery of said disk, each means including a reed, and means for rotating the disk.

2. In a whirligig, the combination with a rotatable disk, of a plurality of sound producing means transversely supported upon the periphery of said disk, each means including a plate having an opening formed therein and a reed carried by the plate and registering with the opening, circular brackets respectively secured to the opposite faces of the disk adjacent the periphery

thereof and engageable with the plates, and means for rotating the disk.

3. In a whirligig, the combination with a rotatable disk, of a plurality of sound producing means, transversely supported upon the periphery of said disk, each means including a plate having an opening formed therein and a reed carried by the plate and registering with the opening, circular brackets respectively secured to the opposite faces of the disk adjacent the periphery thereof and engageable with the plates, means for securing the plates against movement, and means for rotating the disk.

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

FRANK A. S. MONEY.

Witnesses:

CLYDE A. DOUGLASS,
H. H. POE.

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