March 22, 1927. 1,621,784

E. R. JENKINS

WHIRLIGIG

Filed May 27, 1926

Fig. 1.

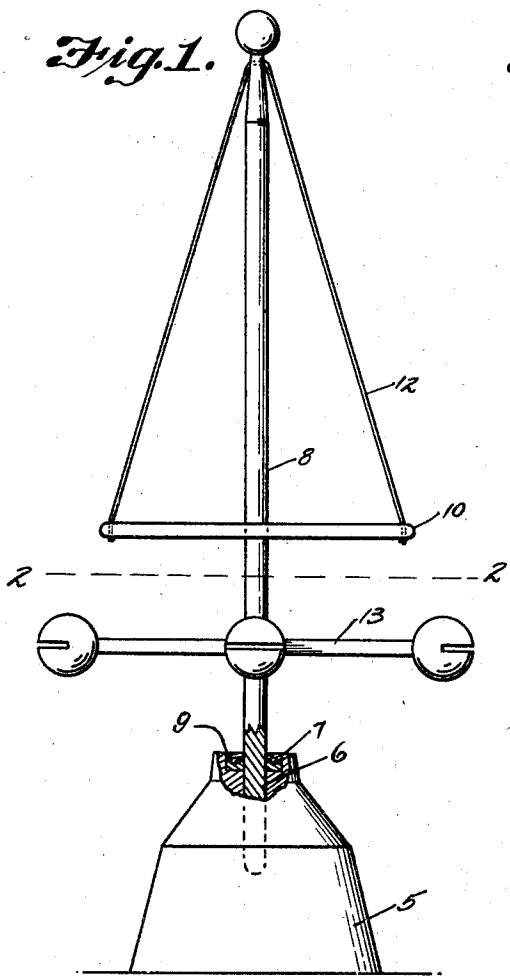


Fig. 3.

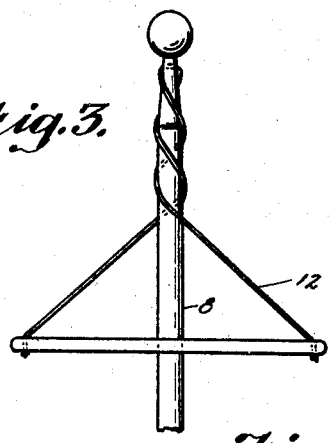


Fig. 4.

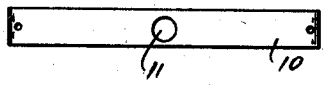


Fig. 2.

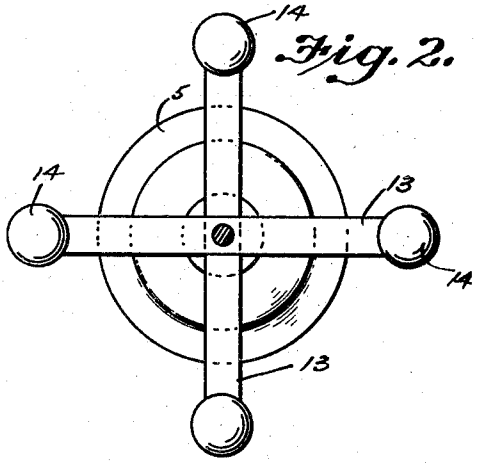
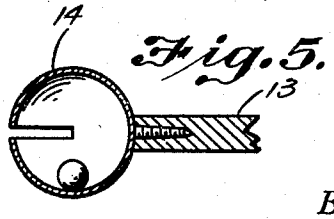


Fig. 5.



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UNITED STATES PATENT OFFICE.

EARL RAYMOND JENKINS, OF NEW YORK, N. Y.

WHIRLIGIG.

Application filed May 27, 1926. Serial No. 112,035.

This invention relates to amusement devices for children and relates particularly to that type of devices known as whirligigs, and has for its primary object to substantially improve and simplify over toys of this general nature.

To the attainment of this end, the present whirligig constitutes the provision of but few parts, and these so corelated as to reduce the liability of disarrangement to a minimum even though the same are given hard usage which is generally the case of children's amusement devices.

Other objects will become apparent as the nature of the invention will be better understood, the same comprising the novel form, combination, and arrangement of parts hereinafter more fully described, shown in the accompanying drawing and claimed.

In the drawing wherein like numerals designate like parts throughout the several views:

Figure 1 is a side elevation of a whirligig constructed in accordance with the present invention, a portion of the same being disclosed in cross section.

Figure 2 is a longitudinal section taken substantially upon the line 2—2 of Figure 1 and looking in a downward direction.

Figure 3 is a fragmentary elevation of the upper end of the spinning shaft of the whirligig disclosing the operating cord as partially wound thereon.

Figure 4 is a top plan view of the cord control, and spinning shaft operating arm of the whirligig, and

Figure 5 is an enlarged fragmentary section of one end of one of the bell carrying arms and its respective bell that constitutes an essential feature of the present invention.

Now having particular reference to the drawing, my novel whirligig constitutes the provision of a weighted base 5, that is formed in its upper end with a central circular socket 6 of predetermined depth, the upper end of which is enlarged for providing a circular pocket 7. Adapted for disposition within the socket of the base at its lower end is a relatively elongated spinning shaft 8 to which is connected in spaced relation to the lower end thereof, a circular bearing unit 9 that is adapted for disposition within the pocket 7 at the top side of the base in order to permit of the free rotation of the shaft within said base.

Mounted for free sliding movement upon the shaft is a horizontal arm 10, the center thereof being formed with an opening 11 through which the shaft engages and to the opposite ends of which arm are connected the ends of a cord 12 that extends upwardly and passes through an opening in the shaft adjacent the upper end thereof. It will be obvious that by turning the arm 10 upon the shaft, the cord 12 will be wound thereon in a manner as disclosed in Figure 3. By pulling downwardly upon the arm, the cord will be unwound from the shaft, and consequently cause the rotation thereof. As the arm reaches its lowermost limit of movement, the cord will by the rotation of the shaft wind thereon in a reverse direction and hold the arm 10 in an upward direction in order that the same may again be moved downwardly by the child, to cause the consequent spinning of the shaft in an obvious manner.

Associated with the shaft 8 beneath the operating arm 10 is a pair of cross arms 13—13 to the opposite ends of which are connected screw carrying bells 14 that will produce an amusing sound to the child, as the shaft is rotated in opposite directions.

It will thus be seen that I have provided a highly novel, simple, and efficient form of whirligig that is well adapted for all the purposes heretofore designated. Even though I have herein shown and described the same as consisting of certain detail structural elements it is nevertheless to be understood that departures may be had therefrom without effecting the spirit and scope of the appended claim.

Having thus described the invention, what I claim as new and desire to secure by Letters Patent is:—

In a whirligig of the character described, a weighted base formed with a vertical socket in its upper end, a spinning shaft having one end journaled in said socket, a pair of cross arms fixed to the shaft, bells mounted on the ends of the cross arms, a cross member provided with a central opening through which the spinning shaft extends, said cross arm being freely slidable on the shaft, and a flexible cord connected at its upper ends to the opposite ends of the member and having its intermediate portion extending through an opening in the top of the shaft, said member being disposed above the cross arms.

In testimony whereof I affix my signature.

EARL RAYMOND JENKINS.