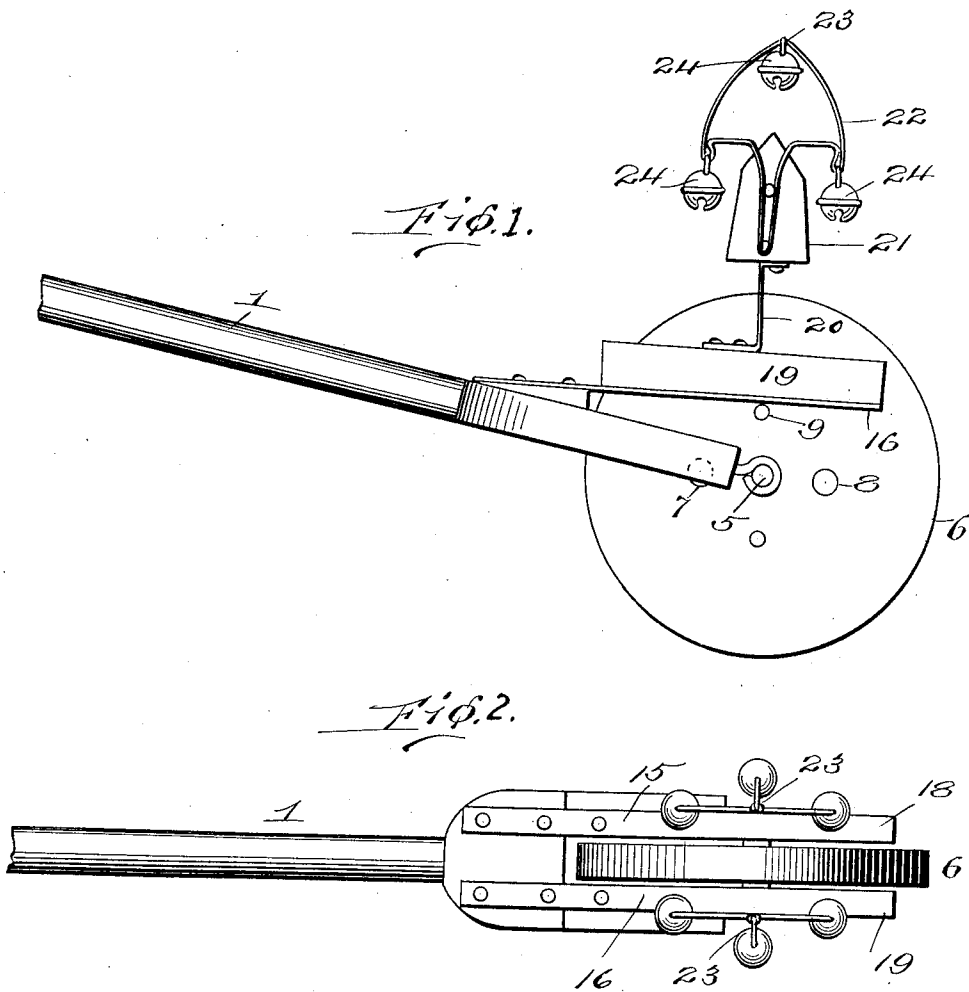


T. H. HARRIS.
TOY.

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Patented Sept. 24, 1912.



Witnesses

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TOY.

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To all whom it may concern:

Be it known that I, THOMAS H. HARRIS, a citizen of the United States, residing at Scranton, in the county of Lackawanna and State of Pennsylvania, have invented certain new and useful Improvements in Toys; 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 toys, and particularly to sounding wheel toys.

The object in view is the arrangement of a toy having a handle and rotatable wheel connected therewith designed to shake or move a bell carrying member for sounding the bells carried thereby.

Another object in view is the arrangement in a toy of the class specified in which a plurality of pins are mounted on a rotating member designed to strike against and move comparatively suddenly a resiliently mounted bell carrying member, whereby the bells are suddenly operated for giving forth sound.

With these and other objects in view the invention comprises certain novel constructions, combinations and arrangement of parts as will be hereinafter more fully described and claimed.

In the accompanying drawings: Figure 1 is a side view of a slightly modified form of the invention. Fig. 2 is a top plan view of the structure shown in Fig. 1.

Referring to the accompanying drawings by numerals, 1 indicates a handle to which is secured a base member 2. Base member 2 carries journal members 3 and 4 which accommodate an axle 5 of traction wheel 6. Traction wheel 6 carries pins 7 and 8 on one side and pins 9 and 10 on the opposite side, so as to engage respectively the resilient arms 15 and 16 which carry the weights. These weights are of identical structure, so that the description of one will apply to both. Weight 19 is secured to spring 16, as shown, and secured to said weight 19 is a spring member 20 which extends at substantially a right angle to weight 19 and carries at its upper end a supporting block 21 which carries a wire frame or bell support 22. The wire frame or bell

support 22 is preferably made substantially triangular in shape with a projecting member 23 at the highest point of the triangle, so as to permit the upper bell to hang free of the framework. A bell 24 is pivotally mounted at each corner of the triangle so as to have a free, loose movement. These bells are preferably of the same structure as bells 14. In using this form of the invention the same mode of operation is used, and weight 19 is suddenly raised and dropped successively for causing sudden movement of the bells, and the consequent sounding thereof. Spring 20 will assist in keeping up a substantially continuous noise or sound by the resilient action thereof even when the wheel 6 is being rotated slowly. Weight 19 is preferably constructed to extend beyond the line of travel of the pins in wheel 6, so that the weight will be moved regardless of the direction of rotation of wheel 6.

I have described and shown toys having a plurality of arms with a plurality of sounding members connected therewith, but it will be evident that it will be within the scope of the invention to make a toy with a single arm having a plurality of sounding members or bells, or only a single bell.

What I claim is:

In a toy, a handle or stick having one end thereof enlarged and bifurcated, brackets secured to the ends of the arms thereof, a ground wheel mounted in the brackets, laterally extending pins carried by said wheel in proximity to the axle thereof, resilient springs carried by the yoke formed on said handle by the enlarged and bifurcated end, said springs extending sufficiently far as to engage said pins upon rotation of said wheel in either direction, a rigid and weight member secured to said springs from the ends thereof to nearly where said springs are secured to the handle to cause a continued oscillation of said spring arm, a second spring secured to each of said rigid members and a bracket carrying a plurality of harmonious sounding devices secured to the free end of said second mentioned springs.

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

THOMAS H. HARRIS.

Witnesses:

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