Oct. 2, 1951 E. CENTOFANTI 2,569,922

TOY MERRY-GO-ROUND

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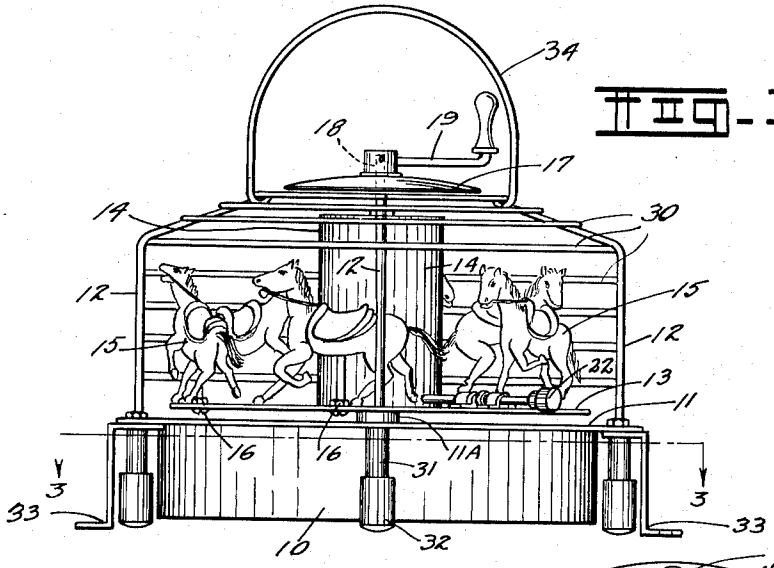


FIG. 1.

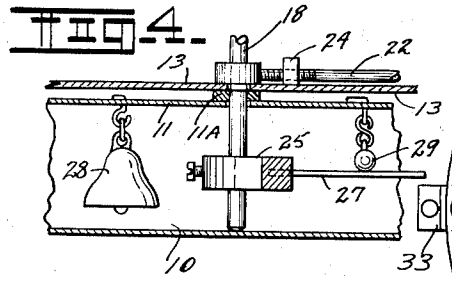


FIG. 4.

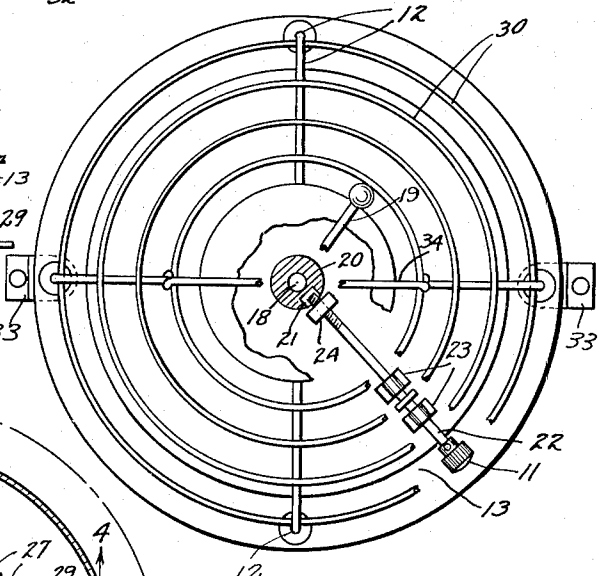


FIG. 2.

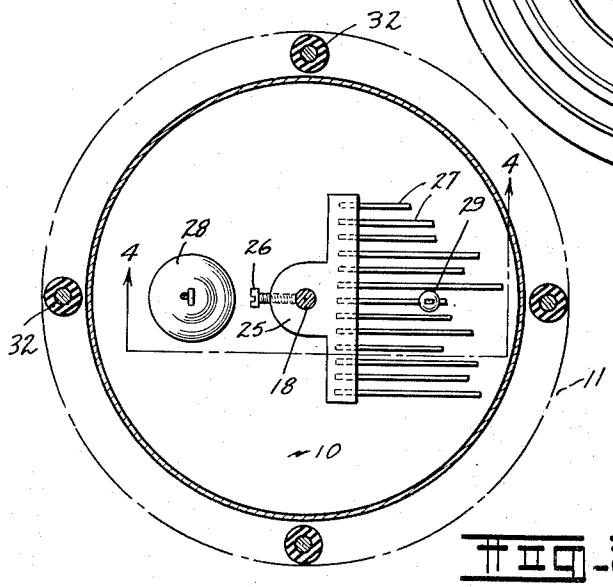


FIG. 3.

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TOY MERRY-GO-ROUND

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1 Claim. (Cl. 272—31)

1

This invention relates to toys and more particularly to a toy merry-go-round incorporating visual and audible means for the entertainment of children.

The principal object of the invention is the provision of a toy merry-go-round.

A further object of the invention is the provision of a toy merry-go-round incorporating a music box.

A still further object of the invention is the provision of a toy merry-go-round adapted for manual operation and incorporating means whereby the music box portion thereof may be operated independently of the merry-go-round.

The toy merry-go-round shown and described herein comprises an attractive and durable toy particularly adapted as a plaything for small children. The moving portions of the toy are enclosed in a protective wire cage to prevent the same from being accidentally or willfully damaged and the device includes a crank by which the merry-go-round may be revolved and a music box actuated either simultaneously with the operation of the merry-go-round or independently thereof.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

The invention is illustrated in the accompanying drawing, wherein:

Figure 1 is a side view of the merry-go-round.

Figure 2 is a top plan view with parts broken away and parts in cross section of the merry-go-round.

Figure 3 is a horizontal section taken on line 3—3 of Figure 1.

Figure 4 is a horizontal section taken on line 4—4 of Figure 3.

By referring to the drawings and Figures 1 and 2 in particular it will be seen that the music box comprises a circular base 10 having a top 11 of larger diameter than the base 10 and carrying a plurality of uprights 12 at spaced intervals which extend upwardly and inwardly and converge at a central elevated point with respect to the top 11 and define an area in which a merry-go-round disc 13 and a cylindrical body member 14 are located. The merry-go-round disc 13 and cylindrical body member 14 are spaced slightly

2

above the top 11 by means of a washer 11A. The disc 13 is provided with a plurality of radially spaced animal figures 15, each of which is secured to the merry-go-round disc 13 as by bolts 15.

The upper adjacent ends of the uprights 12 are secured to a top piece 17 which is provided with a central opening through which a shaft 18 is positioned. The upper end of the shaft 18 extends outwardly through the opening in the top piece 17 and provides means for the reception of a handle 19 so that the shaft can be rotated. The shaft 18 extends downwardly through the cylindrical body member 14, the merry-go-round disc 13 and through a central opening in the top 11, as best shown in Figures 2, 3 and 4 of the drawings. The shaft 18 has a collar 20 secured thereto above the top 11 and on the same plane as the merry-go-round disc 13. An opening 21 is formed in one side of the collar 20 on the shaft 18 so that one end of an adjustment screw 22 may be engaged therein, as best shown in Figure 2 of the drawings, whereby motion of the shaft 18 is imparted to the merry-go-round disc 13 as the adjustment screw 22 is secured to the merry-go-round disc by brackets 23 and 24.

The bracket 24 is threaded as is the one end of the screw 22 so that rotating movement imparted thereto will move it longitudinally into and out of engagement with the opening 21 in the side of the collar 20 on the shaft 18. Thus, the merry-go-round disc 13 may be connected with the shaft 18 at will so that rotating motion imparted the shaft by the handle 19 may be imparted to the merry-go-round disc 13 and the animals thereon. The lower end of the shaft 18 is enclosed in the circular base 10 and has a bracket 25 secured thereto by means of a set screw 26.

The bracket 25 carries a plurality of metal reeds 27 and are so arranged that they will revolve about the shaft 18 when the same is rotated. A bell 28 and a striker ball 29 are suspended from the top 11 and enclosed within the circular base 10 and positioned for engagement with the plurality of reeds 27 when the same are revolved. Thus, revolving motion imparted the shaft 18 by the handle 19 will rotate the plurality of reeds 27 which will alternately engage the bell 28 and the striker ball 29 and thereby create musical tones. At such time as the adjustment screw 22 is engaged with the collar 20 the merry-go-round disc and the figures thereon will also revolve.

A plurality of circular wire guards 30 are positioned about and secured to the uprights 12 so

as to partially enclose the moving portions of the toy and each of the uprights **12** has a depending leg section **31**, the bottom of which is provided with a rubber foot **32** and at least two of the legs **31** are provided with offset brakes **33** by means of which the toy may be permanently mounted on a suitable supporting surface.

In order that the toy may be picked up and carried, a wire handle **34** is secured to two of the uprights **12** and arches upwardly and over the handle **19**.

It will thus be seen that an attractive and novel toy merry-go-round has been disclosed which is durably formed of simple materials and parts and which may be operated for the visual and audible pleasure of small children.

Having thus described my invention, what I claim is:

In a toy merry-go-round having a circular base and a top piece and a plurality of spaced vertical uprights positioned about the edge of the said top piece, the said uprights bent inwardly at their upper ends toward a common center and secured to one another; a vertical shaft disposed centrally of the said base and

uprights, a crank on the uppermost end of said shaft; a collar having an opening therein secured to said shaft, a merry-go-round disc rotatably positioned on said top piece and an adjustment screw threadably mounted on said merry-go-round disc for registry in the opening in said collar whereby rotatable motion imparted to the said shaft may be conveyed through the screw to said disc when said screw is engaged in said collar and music making means in said base connected to said shaft for actuation thereby when said shaft is rotated.

EMANUELE CENTOFANTI.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
708,358	Honrath	Sept. 2, 1902
718,721	Nelson	Jan. 20, 1903
1,516,300	Koper	Nov. 18, 1924
1,624,855	Barker	Apr. 12, 1927