No. 888,246. PATENTED MAY 19, 1908.

J. DE LA MAR.

AMUSEMENT DEVICE.

APPLICATION FILED SEPT. 30, 1907.

2 SHEETS—SHEET 1.

Fig. 1.

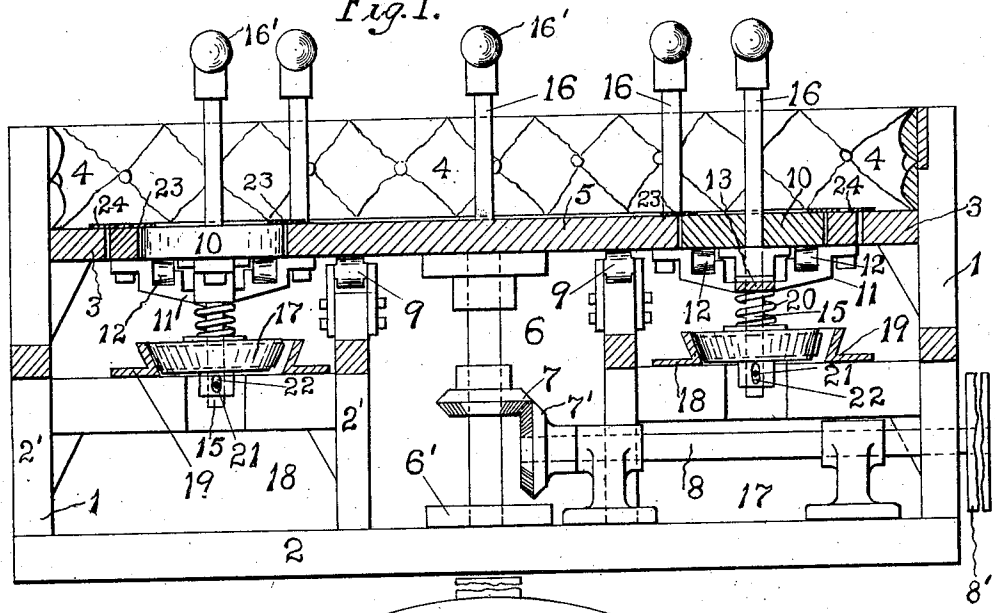
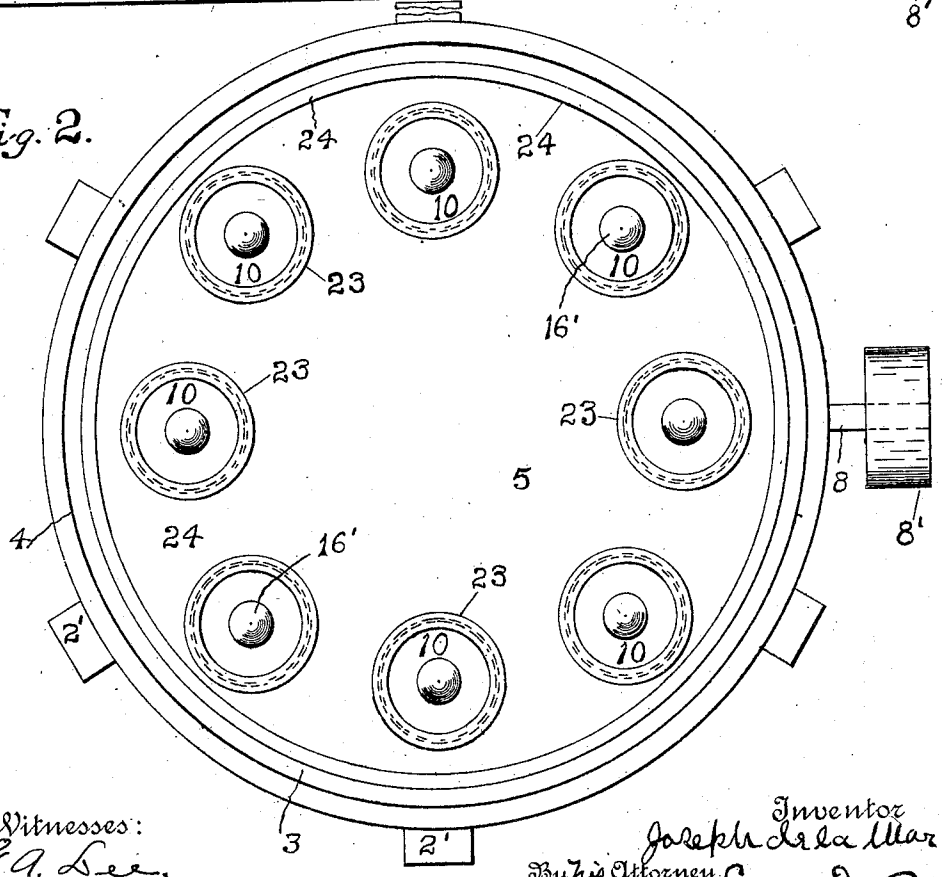


Fig. 2.



Witnesses:
G. A. Lee.
Romola Gordon.

Inventor
Joseph De la Mar
By his Attorney Gadd & Davis

No. 888,246. PATENTED MAY 19, 1908.

J. DE LA MAR.

AMUSEMENT DEVICE.

APPLICATION FILED SEPT. 30, 1907.

2 SHEETS—SHEET 2.

Fig. 3.

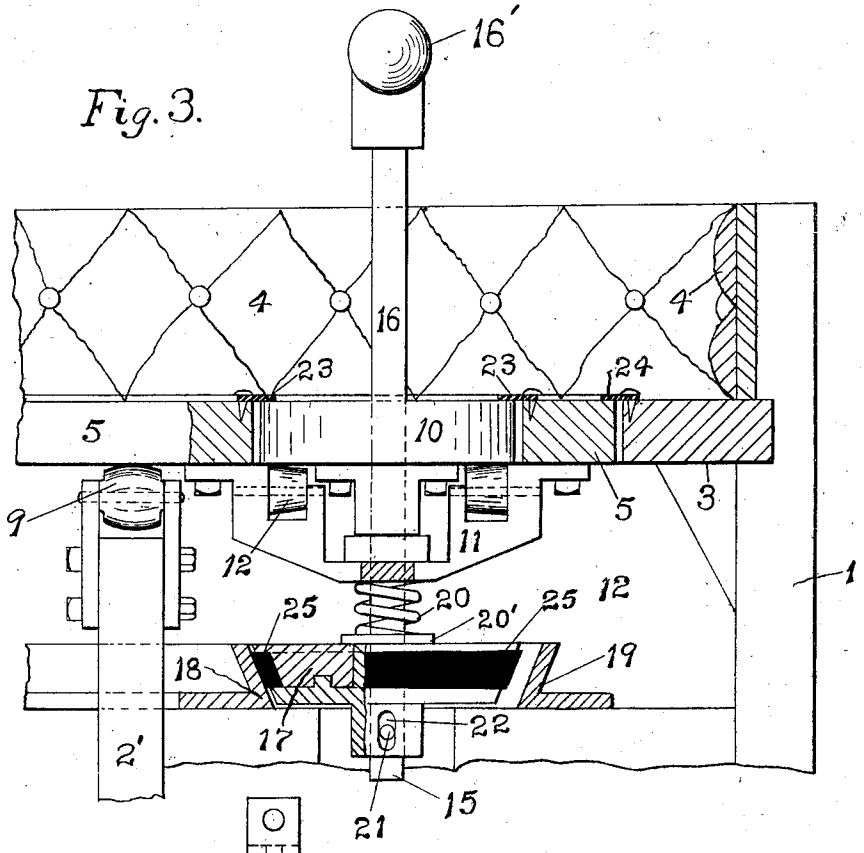
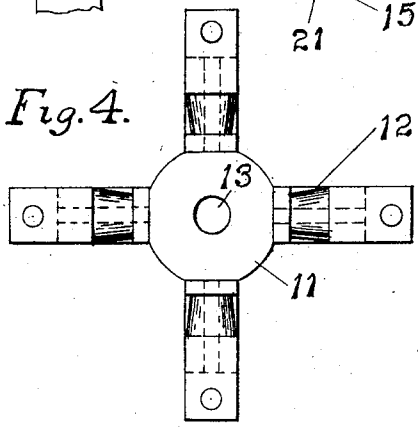


Fig. 4.



Witnesses:
G. A. Lee.
Romola Gordon

Inventor
Joseph de la Mar
By his Attorney
Gadd-Davis

UNITED STATES PATENT OFFICE.

JOSEPH DE LA MAR, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO SIMON HENRY, OF BROOKLYN, NEW YORK.

AMUSEMENT DEVICE.

No. 888,246. Specification of Letters Patent. Patented May 19, 1908.

Application filed September 30, 1907. Serial No. 395,163.

To all whom it may concern:

Be it known that I, JOSEPH DE LA MAR, a citizen of the United States, residing in the borough of Manhattan, county, city, and State of New York, have invented a certain new and useful Improvement in Amusement Devices of the Merry-Go-Round Type, of which the following is a specification such as will enable others skilled in the art to which it appertains to make and use the same.

The object of my invention is to provide an amusement device, portions of which are rotated one in one manner, and other portions in another; and to such ends my invention consists in substance of a main-floor-disk; a plurality of secondary floor-disks having a hand post at the center carried by the main-floor-disk adjacent to the periphery, means for rotating the main-floor-disk, means for rotating the secondary floor-disks, usually in such a manner that the adjacent disks rotate in opposite directions; and a padded inclosing wall for the main-floor-disks; although it is not to be understood that my invention is necessarily limited to an apparatus including at once all of the before mentioned devices and parts, as my said invention consists in the particular construction of certain devices and parts, and in the particular combination and arrangement of certain devices and parts, and in the particular construction, combination and arrangement of certain devices and parts, all as hereinafter more particularly set forth in the specification and pointed out in the claims.

My said invention is fully shown and described in the following specification, of which the accompanying drawings form a part, wherein similar numerals of reference designate like or equivalent parts wherever found throughout the several views, and in which:—

Figure 1 is a side view partially in central vertical section of a device embodying my invention. Fig. 2 is a top-plan view thereof. Fig. 3 is a view in detail on an enlarged scale of a portion of the device on the same section as that shown in Fig. 1, and Fig. 4 is a top view in detail of one of the brackets supporting the secondary floor-disks.

Referring to the drawings;—The reference numeral 1 designates the supporting frame work built up, usually of the timbers 2 and 2′ in the manner shown in Fig. 1; and supported on this frame is usually a stationary outer flooring 3, upon which is usually the circular suitably padded buffer-fence 4 provided to catch the passengers should they be thrown from the rotating main-floor-disk 5. This main-floor-disk 5 is circular in form, and is supported at the center on the revoluble upright shaft 6 rotating in the step-journal 6′ supported by the frame 1, and this shaft is in actuating connection through the bevel gear-wheels 7 and 7′, with the drive-shaft 8 provided with the drive-pulley 8′. At any suitable points, this main-floor-disk 5 is supported on suitable roller-bearings 9, and supported on and carried by such main-floor-disk are a plurality of secondary rotating floor-disks 10, of any desired number, eight being shown in the drawing, arranged in any desired manner, usually in that shown; that is with the axes thereof alternately arranged so that one half will be on the line of a circle of the great disk adjacent to the periphery, while the remaining half will have their axes lying on a like circular line concentric with and slightly within the first mentioned circular line passing through the axes of the first half of the floor-disks.

Bolted to the under side of the main-floor-disk beneath each of the secondary floor-disks is a four armed bracket 11 of the form shown, having at the arm ends the conical roller bearings 12,—upon which rests and rotates the peripheral edge of such secondary floor-disk,—and provided at the center with the journal-box 13, through which passes the secondary floor-disk depending-shaft 15, which is rigidly secured to such secondary floor-disk, and extends up through such disk say from three to five feet to form a post or manual holding device 16, which the users of the device may grasp with their hands in order to keep from being thrown from their feet when stepping upon the rotating secondary floor-disk,—and this post is usually provided at the top with an ornamental knob 16′ of any desired form; or any other suitable manual support may be used in place of such post. To bring about the rotation of these secondary floor-disks as the main-floor-disk is rotated, any desired form of gearing may be employed, but I prefer to use the simple and cheap form shown, wherein an

uso statio
mai a

5

like gear-wheels of the secondary floor-disk shafts lying in the other concentric line for rotating the same in the opposite direction.

6. In a device of the class described, a main floor-disk, means for rotating the main floor-disk, a plurality of secondary floor-disks carried by the main floor-disk adjacent to the periphery thereof, a manual holding device extending upward from each secondary floor-disk, means for causing rotation of the secondary floor-disks so that each will be rotated in a reverse direction to those on either side when the floor-disk is rotated, a stationary outer floor surrounding the main floor-disk and an annular buffer-fence carried by the stationary outer floor.

Signed at the borough of Manhattan in the county, city and State of New York, this 21st day of September A. D. 1907.

JOSEPH DE LA MAR.

Witnesses:
VINCENT S. LIPPE,
G. A. LEE.