

March 23 , 1926.

1,577,689

C. CAPITELLI

APPARATUS FOR AMUSEMENT PURPOSES

Filed Oct. 7, 1924

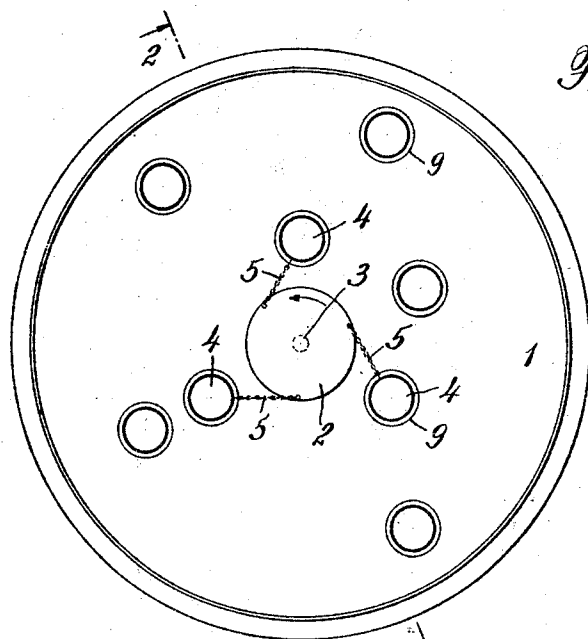


Fig. 1,

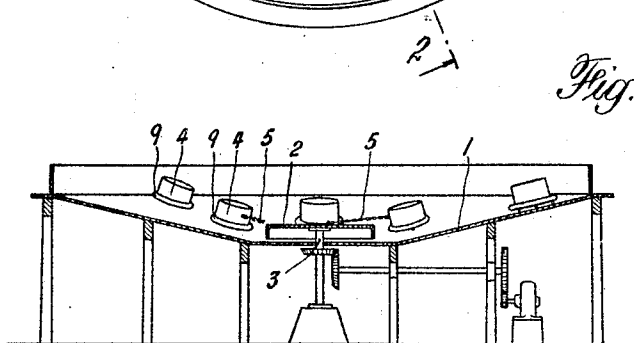


Fig. 2,

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APPARATUS FOR AMUSEMENT PURPOSES.

Application filed October 7, 1924. Serial No. 742,147.

To all whom it may concern:

Be it known that I, CELESTE CAPITELLI, a citizen of the United States of America, of Margate, England, having invented certain new and useful Improvements in Apparatus for Amusement Purposes, do hereby declare that the following is a full, clear, and exact description of the same.

This invention relates to improvements in apparatus for amusement purposes of the type employing one or more passenger cars arranged for movement freely in all directions with means for imparting movement to them. More particularly the present invention comprises improvements in that type of apparatus in which there is employed a central movement-imparting device and a surrounding conical surface on which the cars are projected by centrifugal force and consists in an improved apparatus for moving the cars.

In accordance with the present invention there is flexibly attached to the movement-imparting device, which may be a turntable or merely a driving shaft, a series of cars or other devices such as wheels or the like, which on rotation of the turntable or shaft serve to contact with freely movable cars on the stationary surface and impel them outwards.

One form of the invention is diagrammatically illustrated in the accompanying drawing in which—

Fig. 1 is a plan view of the apparatus, and

Fig. 2 is a sectional view taken on the line 2—2 of Fig. 1.

Referring to the drawing, 1 denotes the stationary conical platform, centrally of which is disposed a turntable 2 mounted on a rotary shaft 3. Certain of the cars 4 are connected by chains 5 to the turntable 2, the remaining cars being disposed at random upon the stationary table 1. Both the cars 4 and the cars which are disposed at random upon the stationary table 1 are preferably provided with resilient shock absorbing bumpers 9. On rotation of the shaft 3 the cars or the like 4 strike the remaining cars as they move towards the centre of the platform, and impel them over the platform. In addition to, or in lieu of chains or the like connecting the cars with the turntable.

springs or other flexible connections may be used.

It will now be seen that the flexible connections between the cars 4 and the turntable 2 permit these cars to yield in any direction when a collision occurs so that there is no likelihood of injury to the occupants. Furthermore, inasmuch as collisions occur between pairs of cars more amusement is afforded than if the freely-movable cars were impelled by arms or similar impelling devices.

I claim:—

1. An apparatus for amusement purposes including a conical stationary platform over which freely movable cars are adapted to be impelled, a circular rotating device centrally disposed with respect to said conical platform, a plurality of cars rotatable with said rotating device for imparting movement to said first-mentioned cars, a plurality of flexible members, one for each of said second-mentioned cars, constituting each a deformable and direct connection between its car and said circular rotating device, said flexible members connected to said rotating device at points spaced short angular distances apart and of such length as to prevent jamming of any of the freely movable cars between the rotating device and the connected cars.

2. An apparatus for amusement purpose including a conical stationary platform over which freely movable cars are adapted to be impelled, a circular rotating device centrally disposed with respect to said conical platform, a plurality of cars rotatable with said rotating device for imparting movement to said first-mentioned cars, a plurality of chains, one for each of said second-mentioned cars, constituting each a deformable and direct connection between such car and said circular rotating device, said chains being connected to said rotating device at points spaced short angular distances apart and being of such length as to prevent jamming of any of the freely movable cars between the rotating device and the connected cars.

In testimony whereof I have signed my name to this specification.

CELESTE CAPITELLI.