G. H. HAMILTON & V. E. MELLRE.

AMUSEMENT DEVICE.

APPLICATION FILED MAY 9, 1908.

904,953. Patented Nov. 24, 1908.

2 SHEETS—SHEET 1.

Fig. 1.

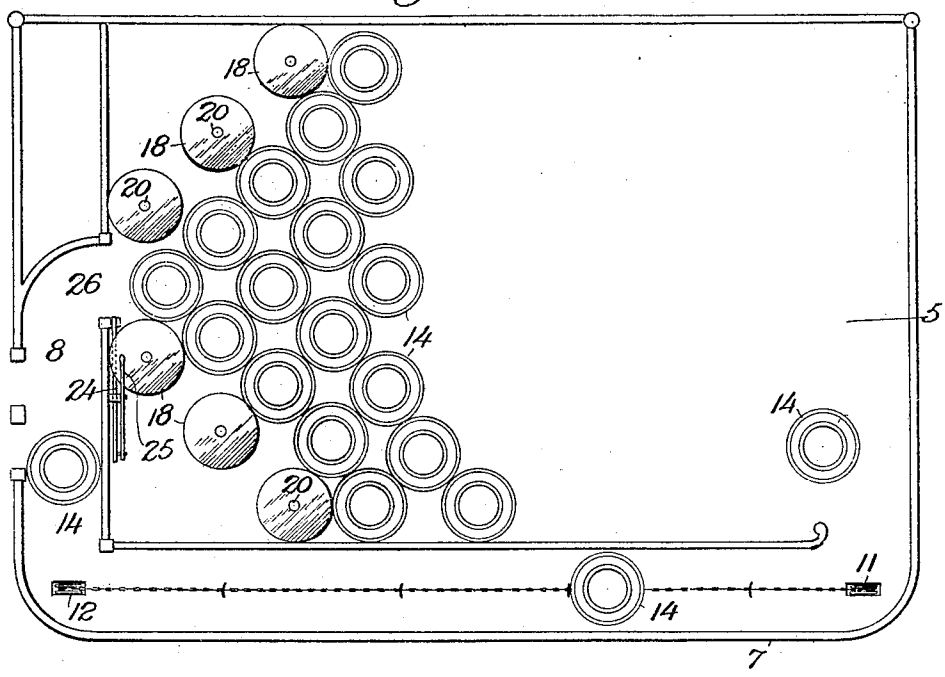

Fig. 2.

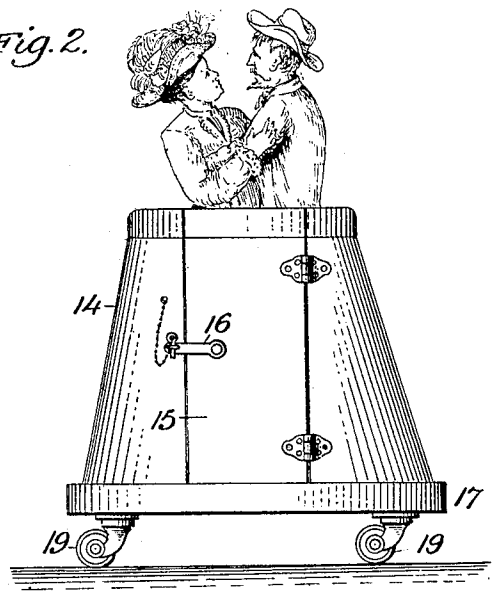

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Fig. 3.

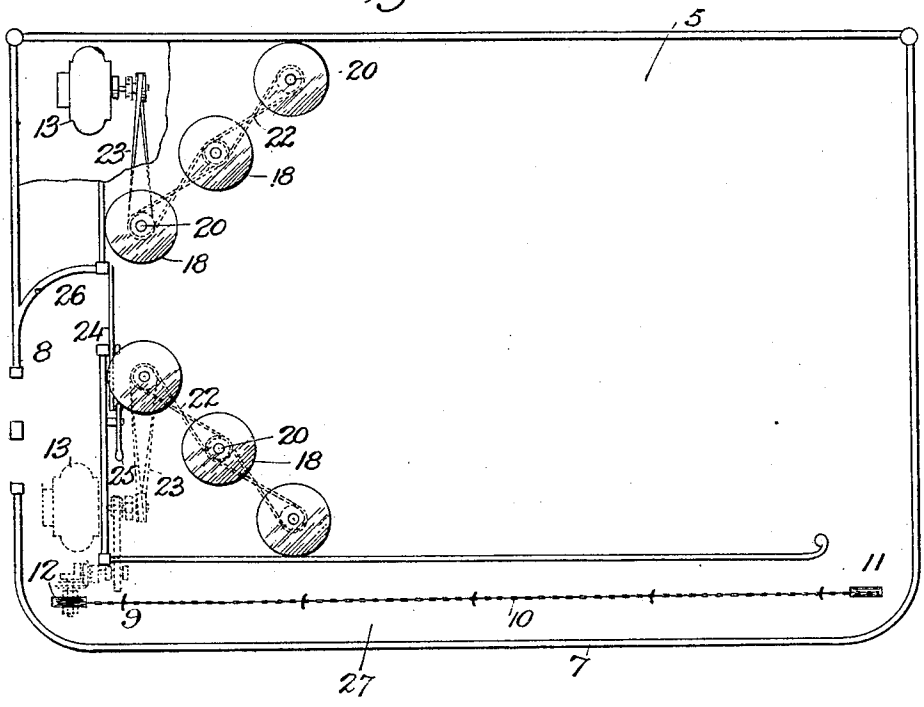
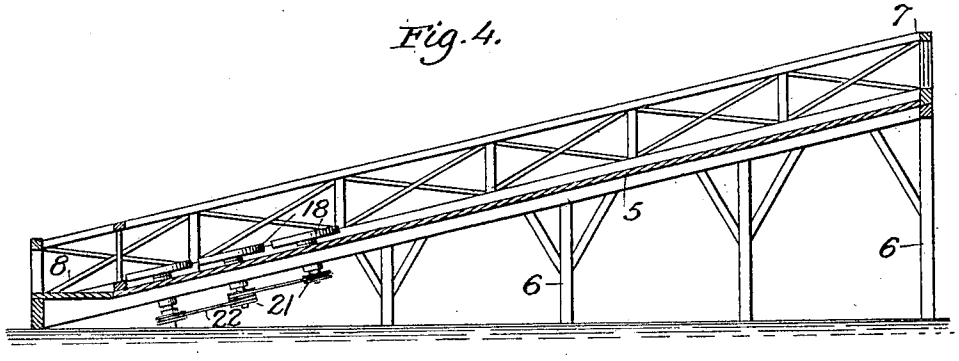


Fig. 4.



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UNITED STATES PATENT OFFICE.

GEORGE H. HAMILTON AND VICTOR E. MELLRE, OF NEW YORK, N. Y.; SAID HAMILTON ASSIGNOR TO EDWARD CONNORS, OF NEW YORK, N. Y.

AMUSEMENT DEVICE.

No. 904,953. Specification of Letters Patent. Patented Nov. 24, 1908.

Application filed May 9, 1908. Serial No. 431,808.

To all whom it may concern:

Be it known that we, GEORGE H. HAMILTON and VICTOR E. MELLRE, citizens of the United States, residing at New York, in the county of New York and State of New York, have invented new and useful Improvements in Amusement Devices, of which the following is a specification.

This invention relates to amusement devices and has for its object a new and novel arrangement of cars adapted to carry several passengers and which are turned loose on an inclined floor and allowed to run to the bottom of the incline where it meets with revolving pulleys that turn and throw the cars about the lower end of the floor until the attendant is ready to permit them to pass, one at a time, out of a gate to be lifted to the upper end of the floor. These and other objects and details of the invention are more fully described in the following specification, set forth in the claims and illustrated in the drawings, where:

Figure 1 is a plan view of the platform, showing pulleys and the cars in operation. Fig. 2 is an elevation of a car. Fig. 3 is a plan view showing the operation of the pulleys and elevator. Fig. 4 is a longitudinal vertical sectional view.

The inclined platform 5 is carried on suitable uprights 6 of any preferred construction and braced in a substantial manner. It has around its edge a railing 7 and at the front end is a horizontal platform 8 upon which the passengers are received and the cars or similar bodies are loaded, and from which the elevator 9 which consists of an endless chain 10 with projecting fingers to engage the cars or similar bodies is started and is carried upward with the inclined platform to its upper end and pass over a pulley 11 to encircle the pulley 12 at the lower end of the platform and which is driven by means of the motor 13.

The cars or similar bodies 14 as will be seen in Fig. 2 are secured and adapted to contain several persons in a standing position but are admitted through a door 15 which has a latch 16 to hold it in its closed position after the occupants have been admitted. They have a protruding base 17 which is adapted to engage adjacent cars or the pulleys 18 and they are mounted on swiveled casters 19 which permits their movement in any direction.

The pulleys 18 are parallel with the platform 5 and their shafts 20 pass through the platform and have on their lower ends the sprocket or band wheels 21 which are driven by the bands 22 which cause them to rotate in opposite directions, the lowest pulley being driven by the belt 23 from the motors 13.

At the lower end of the platform is a swinging bar 24 operated by a lever 25 and this bar acts as a gate to prevent the movement of the cars through the opening 26 which admits them to the platform where the passengers are released and additional ones admitted to the cars and the cars are then shifted in the alley 27 up which the elevator passes.

In the operating of this device when the cars or similar bodies are loaded with passengers they are carried to the upper end of the platform and turned loose, when they immediately run to the lower end on account of the inclination of the platform 5 and congregate at the lower end where they come in contact with the pulleys 18 which rotate them and cause them to waltz around causing the occupants a novel and exciting experience and causing amusement to the spectators.

It is obvious that we do not confine ourselves to the exact construction of certain details as shown in the drawings but we may depart from said construction as may be needed without departing from the essential features shown and described.

What we claim as new and desire to secure by Letters Patent is:

1. In an amusement device, the combination with an inclined platform, of a movable body adapted to travel upon said platform, and means disposed upon the platform in the path of movement of said body for imparting a whirling motion to the same.

2. An amusement device comprising an inclined platform, a movable body, oppositely rotated means for whirling said body at the bottom of the platform, and an elevator for carrying said body to the highest point of said platform.

3. In an amusement device, the combination with a platform, of a movable body, and motor driven means for whirling said body.

4. An amusement device comprising a platform, movable cars upon the platform,

and motor driven means for imparting a dancing motion to the said cars.

5. An amusement device comprising a platform, a car free to move upon the platform, and motor driven means for engaging the car to impart a dancing motion thereto.

6. An amusement device comprising an inclined platform, a car, an elevator at one side of the platform adapted to discharge said car at the top of said platform, and motor driven means for whirling said car.

7. In an amusement device, the combination with an inclined platform, of an elevator at one side of the same, cars adapted to be turned loose on the platform, motor driven means at the lower end of the platform for rotating the cars, and means for releasing the same.

8. An amusement device comprising an inclined platform, movable cars upon the platform, an elevator, means for discharging said cars to said elevator, means whereby said cars may congregate at the bottom of said platform, and means for whirling said cars after they have been discharged from said elevator.

9. In an amusement device, the combination with cars adapted to run in any direction, of an inclined platform, an elevator, means for driving the elevator, rotating means at the lower end of the platform adapted to engage and revolve the cars, and means for driving the rotating means.

10. In an amusement device, the combination with cylindrical cars having side doors and mounted on casters, of an inclined platform with an elevator at one side, rollers at the lower end of the platform adapted to engage the cars and turn them, motors rotating the rollers and operating the elevator, and means for releasing the cars.

11. In an amusement device, the combination with cylindrical cars with projecting bases and mounted on casters, of an inclined platform, a horizontal platform at the end of the first platform, a gate separating the two platforms, rotating horizontal rollers to engage the projecting bases of the cars, an endless chain with fingers at one side of the inclined platform and motors operating the rollers and elevator.

In testimony whereof we affix our signatures in presence of two witnesses.

GEORGE H. HAMILTON.
VICTOR E. MELLRE.

Witnesses:
K. ALLEN,
A. GRIFFITH.