C. LOMBARDO.

AMUSEMENT DEVICE.

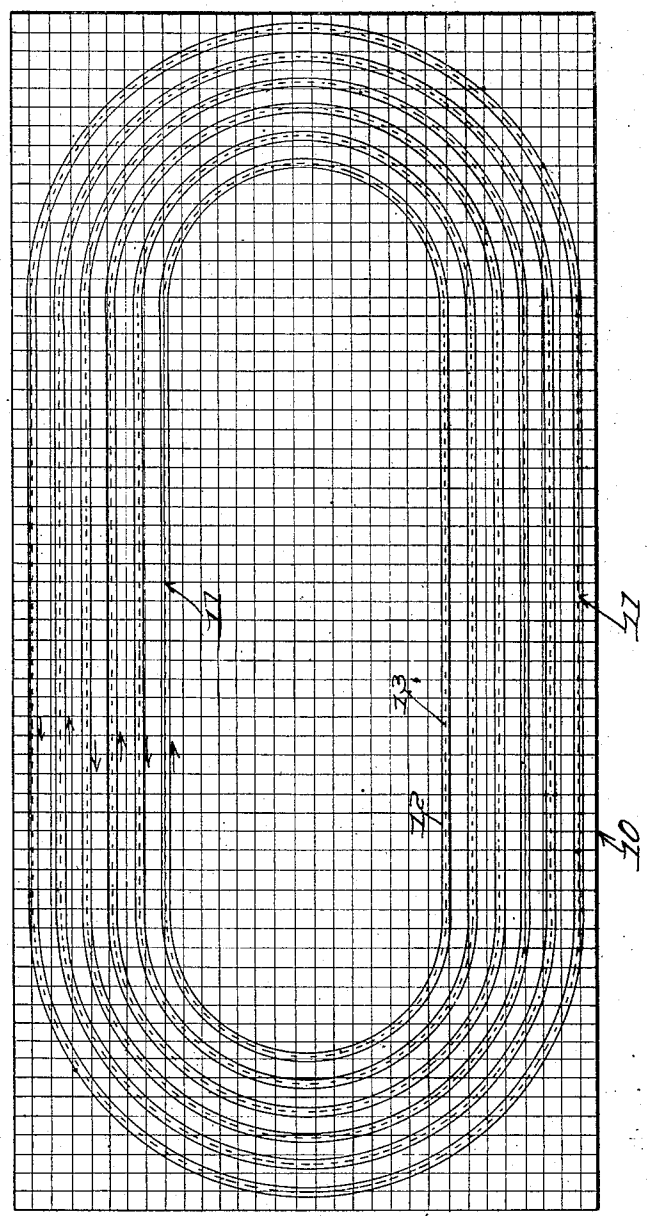
APPLICATION FILED APR. 24, 1920.

1,350,873.

Patented Aug. 24, 1920.

4 SHEETS—SHEET 1.

Fig. 1.



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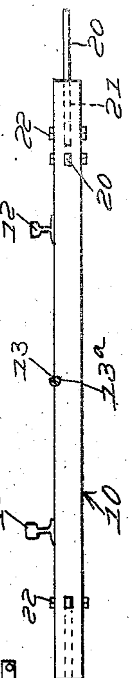

Fig. 3.

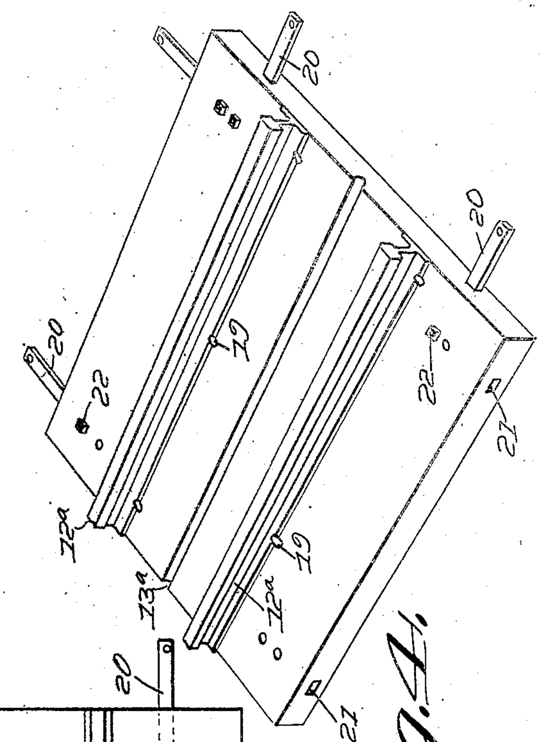

Fig. 4.

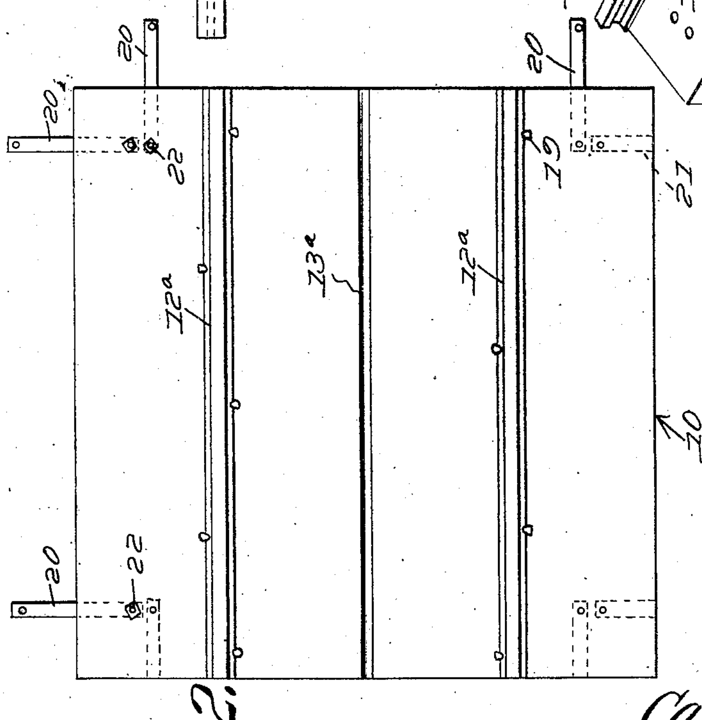

Fig. 2.

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4 SHEETS—SHEET 3.

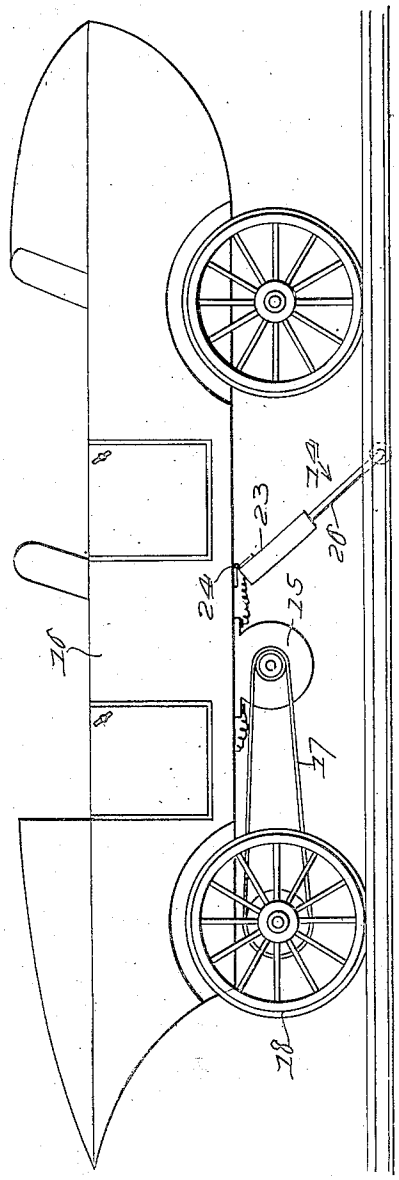

Fig. 5.

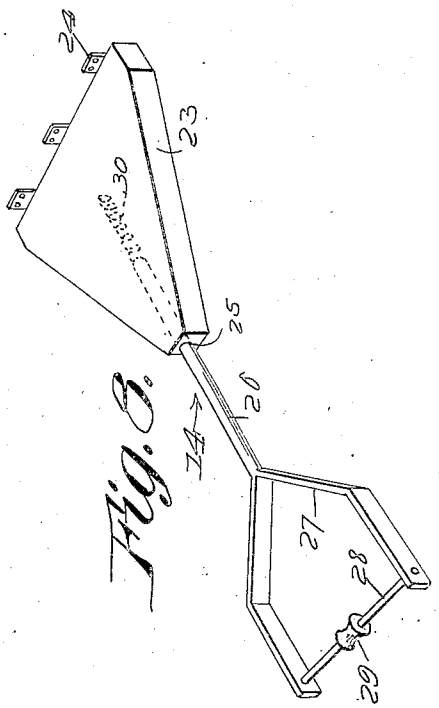

Fig. 6.

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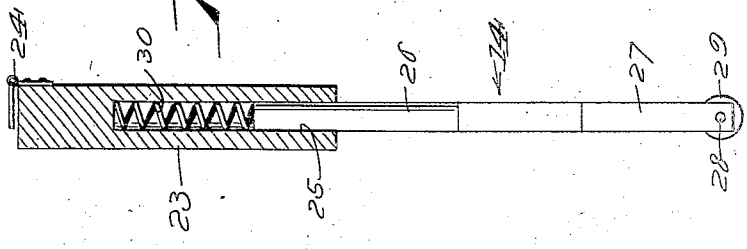
4 SHEETS—SHEET 4.

Fig. 1.



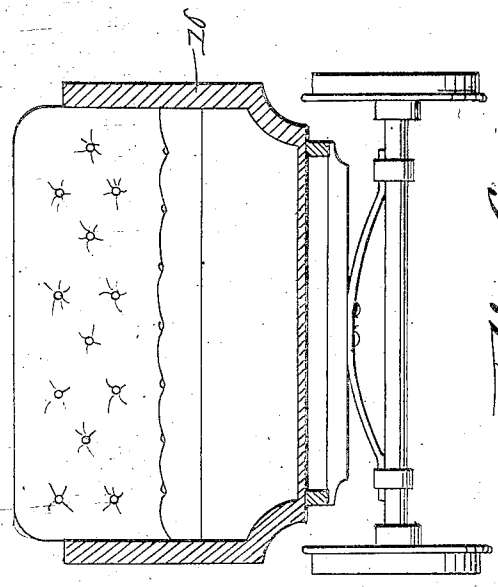


Fig. 6.

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UNITED STATES PATENT OFFICE.

CARL LOMBARDO, OF DUNKIRK, NEW YORK, ASSIGNOR OF ONE-THIRD TO JOSEPH FAMILET, OF DUNKIRK, NEW YORK.

AMUSEMENT DEVICE.

1,350,873. Specification of Letters Patent. Patented Aug. 24, 1920.

Application filed April 24, 1920. Serial No. 376,288.

To all whom it may concern:

Be it known that I, CARL LOMBARDO, a citizen of the United States of America, residing at Dunkirk, in the county of Chautauqua and State of New York, have invented new and useful Improvements in Amusement Devices, of which the following is a specification.

The object of the invention is to provide a relatively simple and readily transportable amusement device of the type embodying cars or carriers for passengers and serving by reason of the movement of such cars or carriers and the attendant sensations incident to the movement of the same to afford entertainment not only for the occupants but also for the observers and wherein the corporation of the movable members may be secured and controlled without the complicated and cumbersome mechanism ordinarily required in connection with amusement devices of the merry-go-round and similar types, and with these objects in view the invention consists in a construction, combination and arrangement of parts of which a preferred embodiment is shown in the accompanying drawings wherein:—

Figure 1 is a plan view of the track mechanism or base.

Fig. 2 is a detail plan view of one section or element of the base or platform.

Fig. 3 is an edge view of the construction shown in Fig. 2.

Fig. 4 is a perspective view of the same.

Fig. 5 is a side view of the car arranged in operative position upon the track.

Fig. 6 is a transverse sectional view of the car.

Fig. 7 is a detail edge view partly in section of the trolley arm.

Fig. 8 is a detail view in perspective of the latter.

The apparatus consists essentially of a platform or base 10 which obviously may be of any desired dimensions or contour in plan, but is preferably oblong to provide for the accommodation of a series of parallel tracks 11 of an elongated or approximately elliptical form consisting of rails 12 between which are arranged the trolley wires 13 preferably countersunk or embedded in the surface of the platform or base as shown clearly in Figs. 3 and 4 so as to afford no objectionable projection above the surface of the platform to interfere with movement thereover, said trolley wires being charged in any approved manner or by any suitable means with a current such as may be conducted by a trolley arm 14 to a motor 15 supported by a car or carriage 16, and thus conveying motion through a belt 17 or like connection to the drive wheels 18 of said car or carriage which are adapted to traverse the track rails.

The base or platform is of sectional construction, comprising the mainly rectangular sections or members shown in detail in Figs. 2, 3 and 4 and also indicated in the plan view Fig. 1 as of square contour with corresponding sections 12^a of the track rails permanently secured thereto as by means of spikes 19 or the like, and registrable sections of the grooves or seats 13^a for the trolley wires to the end that when the sections or members of the base or platform are arranged in their proper relative positions to which end they are preferably numbered consecutively or in accordance with some plan by which they are distinguishably designated, the sections of the track members and the seats for the trolley wires will properly register to form a continuous system such as indicated in Fig. 1. These sections or members of the base or platform are adapted to be secured together to form a continuous structure by means of cleats 20 which are disposed for example in bores or seats 21 formed in the thickness of the sections and secured in place by bolts 22 or the equivalent thereof so that when the bolts at one end of a cleat are removed the portion of the cleat fitted in the section or member of the platform may be withdrawn as indicated in Fig. 2 to permit of the separation of adjoining sections, to leave the cleat in a longitudinally or transversely projecting position with relation to the edge of the other section or member, so as to facilitate the subsequent joining of the sections or members in series to form the complete base or platform.

The trolley arm shown in detail in Fig. 8 consists of a guide block 23 adapted to be secured in any convenient and substantial manner to the car or carriage as by means of hinges 24, and in a bore 25 thereof is fitted a stem 26 bifurcated at its lower end to form a yoke 27 of which the arms carry a transverse spindle 28 upon which the trolley wheel or spool 29 is mounted to traverse the

conductors 13 embedded in the surface of the base or platform. Between the upper end of the stem 26 and the end of the bore of the guide block is located an extension spring 30 serving to yieldingly and positively hold the trolley wheel or spool in engagement with the conductor.

In practice it is preferred to so arrange the cars or carriers as to cause them to traverse the several tracks to which they are assigned in different directions and prevent alternate cars or carriers moving in opposite directions as indicated by the arrows in Fig. 1 and it will be understood that the form or construction of the cars or carriers may vary as between two embodiments of the apparatus or between different cars or carriers of the same apparatus to give variety to the equipment and serve to stimulate a selective tendency upon the part of prospective occupants thereof and also as will be understood the cars or carriers may be equipped with bells, horns or other sounding devices for the further amusement of the riders, or auxiliary scenery may be employed as with other amusement devices wherein the general principle of the car adapted for progressive movement is employed.

What is claimed is:—

1. An amusement apparatus having a base or platform provided with continuous parallel track rails, and intervening continuous seats for electrical conductors, said track rails being adapted for progressive traverse by cars or carriers, the base or platform consisting of a plurality of detachable sections or members of substantially uniform dimensions respectively provided with sections or members of said track rails and conductor seats, and means for securing said sections or members in their prescribed relative positions.

2. An amusement apparatus having a base or platform provided with a plurality of tracks for traverse by progressive movable cars or carriers, and means for actuating the latter, said platform consisting of detachably connected sections or members of substantially uniform dimensions respectively carrying sections of said tracks, and cleats terminally embedded in the sections or members between the planes of the upper and lower surfaces thereof and in intersecting relation with the joints between adjacent sections or members, and terminally and removably attached respectively to said sections or members.

3. An amusement apparatus of the class described having a base or platform provided with parallel tracks and sunk or embedded trolley wires, cars or carriers traversing said tracks and carrying motors, and trolley arms mounted upon said cars or carriers and having trolley wheels or spools for traversing the trolley wires, said trolley arms each consisting of a hinged guide block, a stem fitted for longitudinal movement in the guide block, and a spring for impelling the stem longitudinally toward the base or platform, said stem being provided with a terminal yoke having a spool or trolley wheel carrying spindle disposed in spanning relation with the arms thereof.

In testimony whereof I affix my signature.

CARL LOMBARDO.