F. SALLMANN.

AMUSEMENT PARK DEVICE.

APPLICATION FILED JAN. 17, 1921.

1,429,457. Patented Sept. 19, 1922.

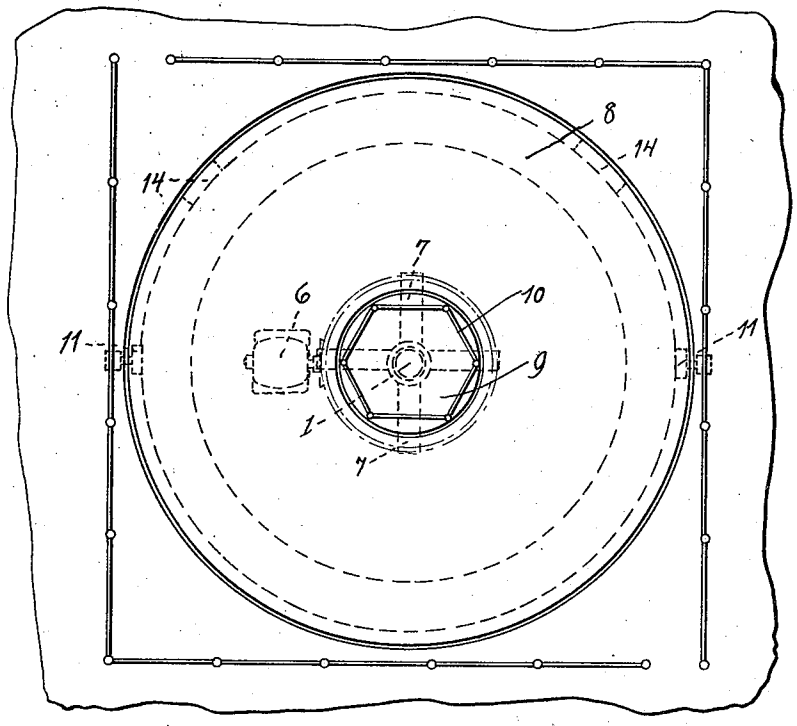

FIG. 1

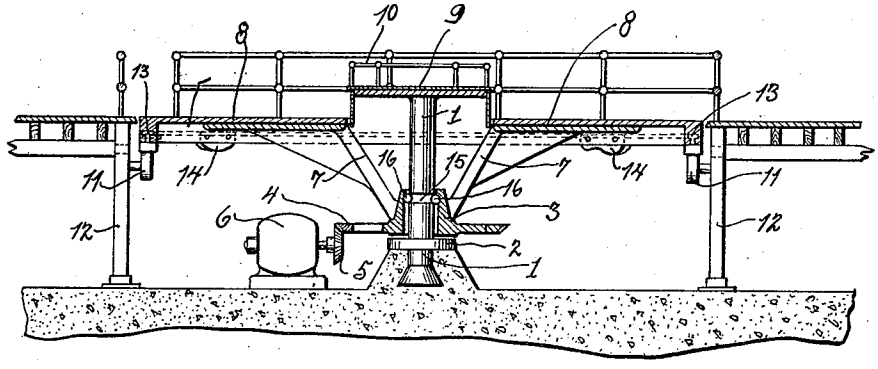

FIG. 2

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UNITED STATES PATENT OFFICE.

FRANK SALLMANN, OF LYNDHURST, NEW JERSEY.

AMUSEMENT-PARK DEVICE.

Application filed January 17, 1921. Serial No. 437,720.

To all whom it may concern:

Be it known that I, FRANK SALLMANN, a citizen of Czecho-Slovakia, residing at Lyndhurst, in the county of Bergen and State of New Jersey, have invented certain new and useful Improvements in Amusement-Park Devices, of which the following is a specification.

The main object of this invention is the provision of a dancing platform, particularly for amusement resorts, having means for rotating the same and for varying said rotation for novelty dancing.

The above and other objects will become apparent in the description below, in which like-named characters of reference refer to like-named parts in the drawings.

Referring briefly to the drawings, Fig. 1 is a plan view of my device.

Fig. 2 is a cross-sectional view of the same in elevation.

Referring now in detail to the drawings, the numeral 1 represents a central pillar or column having support in the frame of the building or in the earth. A horizontal collar 2 is provided thereon, and a sleeve 3 surrounds said column and is rotatable about the same. A bevel gear 4 is rigid about said sleeve and lies in mesh with another bevel gear 5 driven by a motor 6.

Brackets 7 extend upward from the sleeve 3, and support a platform 8. The central portion of said platform is cut out to allow a stationary platform 9, having a railing 10 about the same, to be mounted upon the column 1 above the level of the platform 8. On said stationary platform a band or orchestra may be seated.

Supporting rollers or drums 11 are rotatably mounted in posts or uprights 12 under the device, the lower peripheral surface of the platform 8 having rolling contact with said rollers. Said peripheral edge is provided with a T-shaped slot 13 in which a number of cams 14 are slidably mounted.

It is now apparent that as the motor 6 rotates, it drives the platform 8, the speed of the latter being controlled by the motor. If continuous smooth motion of the platform is desired, the cams 14 may be removed. If, however, it is desired to tilt the platform for novelty dancing, the cams are adjusted to whatever peripheral position desired, so that as a cam strikes a roller 14, the platform will be raised above the cam while said cam is passing over the roller.

Within the sleeve 3, a groove 15 is provided in the column 1 in which lie ball bearings 16, said groove having its base flanged outward in order to provide means for retaining said balls in place. The upper extremity of the sleeve 3 is flanged inwardly, so that normally said sleeve, and hence the platform, are suspended from said flange. Below said flange said sleeve is loose about said column to allow a clearance as shown. Hence, when the platform is tilted by one of the cams 14, it is apparent that the sleeve 3 will also be tilted, and it is also apparent that the peculiar bearing described will allow said tilting.

In Fig. 1 a railing is shown about the device, and entrances or exits are provided in said railing. In the installation of the device, chairs and tables may be placed about the outside of the railing in conventional dance-hall manner.

I claim—

A device of the class described comprising an upright column, a sleeve rotatably mounted thereon, a groove in said column, balls mounted in said groove, said sleeve being loosely mounted about said column to allow a clearance, a flange on the extremity of said sleeve adjacent said balls, a platform mounted upon said sleeve, and means for rotating said sleeve.

In witness whereof I affix my signature.

FRANK SALLMANN.