

CLAIMS:

1. A conveyor ride system, comprising:
a ride vehicle; and
a conveyor structure comprising a plurality of conveyor beams and a plurality of conveyor grooves, wherein the plurality of conveyor beams and the plurality of conveyor grooves are configured to direct the ride vehicle along a surface of the conveyor structure, wherein the surface of the conveyor structure defines at least a portion of a ride path of the conveyor ride system.
2. The conveyor ride system of claim 1, wherein the ride vehicle is coupled to the conveyor structure via a guide assembly, the guide assembly comprising a frame structure and a support.
3. The conveyor ride system of claim 2, wherein the support is rotatably coupled to the frame structure and coupled to the ride vehicle, such that the ride vehicle is configured to rotate in a circumferential direction with respect to the guide assembly.
4. The conveyor ride system of claim 1, wherein the ride vehicle comprises a plurality of seats secured to a body of the ride vehicle.
5. The conveyor ride system of claim 4, wherein each seat of the plurality of seats is rotatably coupled to respective bases coupled to the body of the ride vehicle.
6. The conveyor ride system of claim 5, comprising an actuator configured to adjust a position of the plurality of seats to maintain a position of passengers in the ride vehicle in an upright position with respect to ground.

7. The conveyor ride system of claim 1, comprising a track defining an additional portion of the ride path of the conveyor ride system, wherein the track is configured to direct movement of the ride vehicle, and wherein the ride vehicle is configured to transition from the conveyor structure to the track.

8. The conveyor ride system of claim 7, wherein the ride vehicle comprises a bogie assembly configured to couple the ride vehicle to the track.

9. The conveyor ride system of claim 8, wherein the bogie assembly comprises wheels configured to clamp against a rail of the track.

10. The conveyor ride system of claim 8, wherein the bogie assembly is configured to extend from the body of the ride vehicle when the ride vehicle transitions from the conveyor structure to the track.

11. The system of claim 1, wherein the conveyor structure comprises a generally cylindrical shape.

12. The system of claim 11, wherein the plurality of conveyor beams is configured to direct the ride vehicle linearly along of the surface of the conveyor structure, and wherein a segment of a conveyor beam of the plurality of conveyor beams is configured to move along a conveyor groove of the plurality of conveyor grooves in a circumferential direction about the conveyor structure.

13. The system of claim 1, comprising a show box positioned along at least the portion of the ride path of the conveyor ride system, wherein the show box is configured to generate a simulated environment, and wherein the plurality of conveyor beams, the plurality of conveyor grooves, or both, is configured to position the ride vehicle proximate to the show box.

14. A system, comprising:

a conveyor structure comprising a plurality of conveyor beams and a plurality of conveyor grooves, wherein the plurality of conveyor beams is configured to direct a ride vehicle linearly along a surface of the conveyor structure, and wherein a segment of a conveyor beam of the plurality of conveyor beams is configured to direct the ride vehicle along a conveyor groove of the plurality of conveyor grooves in a circumferential direction about the conveyor structure.

15. The system of claim 14, comprising the ride vehicle, wherein the ride vehicle is configured to couple to a conveyor beam of the plurality of conveyor beams via a bogie assembly to drive movement of the ride vehicle linearly along the surface of the conveyor structure.

16. The system of claim 15, comprising an actuator configured to drive movement of the bogie assembly.

17. The system of claim 14, comprising a track configured to receive the ride vehicle from the conveyor structure.

18. A ride system, comprising:

a ride vehicle comprising a base and a seat rotatably coupled to the base;

a conveyor structure comprising a conveyor beam and a conveyor groove, wherein the ride vehicle is configured to couple to the conveyor beam and the conveyor groove via a guide assembly, wherein the guide assembly is configured to direct the ride vehicle along a surface of the conveyor structure via the conveyor beam and the conveyor groove, and wherein the surface of the conveyor structure defines a first portion of a ride path of the conveyor ride system; and

a track defining a second portion of the ride path of the conveyor ride system, wherein the ride vehicle is configured to transition from the conveyor structure to the track.

19. The ride system of claim 18, comprising a show box positioned along the first portion of the ride path of the conveyor ride system, wherein the show box is configured to generate a simulated environment, and wherein the plurality of conveyor beams, the plurality of conveyor grooves, or both, is configured to position the ride vehicle proximate to the show box.

20. The system of claim 19, wherein the simulated environment generated by the show box comprises features secured to walls of the show box in an inverted position with respect to gravity.