

CLAIMS

1. A system, comprising:
 - a first ride vehicle and a second ride vehicle configured to link to one another and to delink from one another during a ride; and
 - a control circuitry configured to control the first ride vehicle and the second ride vehicle to link to one another, to delink from one another, or both, in coordination with one or more events during the ride;
 - wherein the first ride vehicle and the second ride vehicle form a uniform ride vehicle that defines a common interior space when the first ride vehicle and the second ride vehicle are linked to one another.
2. The system of claim 1, wherein the control circuitry comprises a first processor and first communication circuitry supported on the first ride vehicle, and the control circuitry comprises a second processor and second communication circuitry supported on the second ride vehicle.
3. The system of claim 1, comprising an interlock system configured to mechanically link the first ride vehicle and the second ride vehicle to one another, wherein the interlock system comprises one or more locks positioned on the first ride vehicle, the second ride vehicle, or both.
4. The system of claim 1, wherein the control circuitry is configured to control the first ride vehicle and the second ride vehicle to move synchronously when linked to one another and to move asynchronously when delinked from one another.
5. The system of claim 1, comprising a barrier that is configured to link to the first ride vehicle, the second ride vehicle, or both, to form the uniform ride vehicle and to delink from the first ride vehicle, the second ride vehicle, or both, during the ride.
6. The system of claim 1, wherein the one or more events comprise a simulated crash, and the control circuitry is configured to instruct the first ride vehicle and the second ride vehicle to delink from one another in coordination with the simulated crash.

7. A system, comprising:
a plurality of ride vehicles;
an interlock system comprising one or more locks, wherein at least one ride vehicle of the plurality of ride vehicles comprises at least one lock of the one or more locks; and
a control circuitry configured to control movement of each ride vehicle of the plurality of ride vehicles during a ride and to control the one or more locks of the interlock system to perform linking operations to join the plurality of ride vehicles to one another during the ride and to perform delinking operations to separate the plurality of ride vehicles from one another during the ride;
wherein the plurality of ride vehicles form a uniform ride vehicle that defines a common interior space when the plurality of ride vehicles are linked to one another.
8. The system of claim 7, wherein the control circuitry is configured to control the movement of each ride vehicle of the plurality of ride vehicles and to control the one or more locks of the interlock system to perform at least the linking operations or the delinking operations in coordination with an event during the ride.
9. The system of claim 8, wherein the event comprises a simulated crash, and the control circuitry is configured to control the plurality of ride vehicles to delink from one another in coordination with the simulated crash.
10. The system of claim 7, wherein the control circuitry comprises a plurality of processors and a plurality of communication devices, each ride vehicle of the plurality of ride vehicles comprises at least one processor of the plurality of processors, and each ride vehicle of the plurality of ride vehicles comprises at least one communication device of the plurality of communication devices.
11. The system of claim 7, wherein the control circuitry is configured to control each ride vehicle of the plurality of ride vehicles to move synchronously when linked to one another and to move asynchronously when delinked from one another.
12. The system of claim 7, comprising a barrier or a cover that is configured to link to at least one ride vehicle of the plurality of ride vehicles during the ride or to delink from the at least one ride vehicle of the plurality of ride vehicles during the ride.

13. The system of claim 1, wherein the one or more events comprise one or more simulated events comprising a crash, an explosion, a storm, a natural disaster, an animal attack, a meteor shower, or any combination thereof.

14. The system of claim 7, wherein the control circuitry is configured to control the movement of each ride vehicle of the plurality of ride vehicles and to control the one or more locks of the interlock system to perform sequential delinking operations until each ride vehicle of the plurality of ride vehicles is separated from all other ride vehicles of the plurality of ride vehicles during the ride.

15. A system, comprising:

a first ride vehicle and a second ride vehicle configured to link to one another and to delink from one another during a ride; and

a control circuitry configured to control the first ride vehicle and the second ride vehicle to link to one another, to delink from one another, or both, in coordination with one or more events during the ride, wherein the one or more events comprise a simulated crash, and the control circuitry is configured to instruct the first ride vehicle and the second ride vehicle to delink from one another in coordination with the simulated crash.

16. The system of claim 15, wherein the control circuitry comprises a first processor and first communication circuitry supported on the first ride vehicle, and the control circuitry comprises a second processor and second communication circuitry supported on the second ride vehicle.

17. The system of claim 15, comprising an interlock system configured to mechanically link the first ride vehicle and the second ride vehicle to one another, wherein the interlock system comprises one or more locks positioned on the first ride vehicle, the second ride vehicle, or both.

18. The system of claim 15, wherein the control circuitry is configured to control the first ride vehicle and the second ride vehicle to move synchronously when linked to one another and to move asynchronously when delinked from one another.

19. A system, comprising:

a plurality of ride vehicles;
an interlock system comprising one or more locks, wherein at least one ride vehicle of the plurality of ride vehicles comprises at least one lock of the one or more locks; and
a control circuitry configured to control movement of each ride vehicle of the plurality of ride vehicles during a ride and to control the one or more locks of the interlock system to perform linking operations to join the plurality of ride vehicles to one another during the ride and to perform delinking operations to separate the plurality of ride vehicles from one another during the ride;
wherein the control circuitry is configured to control the movement of each ride vehicle of the plurality of ride vehicles and to control the one or more locks of the interlock system to perform at least the linking operations or the delinking operations in coordination with an event during the ride, the event comprises a simulated crash, and the control circuitry is configured to control the plurality of ride vehicles to delink from one another in coordination with the simulated crash.

20. The system of claim 19, wherein the control circuitry is configured to control each ride vehicle of the plurality of ride vehicles to move synchronously when linked to one another and to move asynchronously when delinked from one another.