CLAIMS:

A

1. An amusement park ride sanitization system for , comprising:

1. a ride path of an amusement park, comprising: ride;

an amusement ride vehicle configured to travel along the ride path; and

a sanitization station disposed along athe ride path of a ride of the amusement park, wherein the sanitization station comprises:

a housing configured to receive a ride vehicle as the ride vehicle travels along the ride path;

an ultraviolet light source configured to transmit ultraviolet light toward a surface of the amusement ride vehicle; and

a control system configured to detect a position of the amusement ride vehicle along the ride path and to activate the ultraviolet light source when the control system determines that the amusement ride vehicle is positioned at a first particular position along the ride path relative to the housing.

2. 2. The amusement park ride sanitization system of claim 1, wherein the housing comprises an access door configured to enclose the ride vehicle within the housing, and wherein the control system is configured to actuate the access door when the ride vehicle is positioned at a second particular position along the ride path.

3. The system of claim 1, wherein the ultraviolet light source is disposed on a movable member configured to adjust a position of the ultraviolet light source with respect to the surface of the ride vehicle.

4. The system of claim 3, wherein the movable member is mounted to an interior wall of the housing, wherein the movable member comprises a first telescopic arm configured to extend and retract the ultraviolet light source with respect to the interior wall.

~~5. The system of claim 4, wherein the movable member comprises a second telescopic arm coupled to the first telescopic arm via a joint that enables movement between the first telescopic arm and the second telescopic arm.~~

~~6. They system of claim 3, wherein the movable member is disposed on a transportable base configured to travel along the ride path, and wherein the movable member comprises a telescopic arm configured to extend toward and retract from the ride vehicle.~~

~~7.~~ ~~The system of~~ claim 1, wherein the ride path comprises an unloading region for a guest to exit the amusement ride vehicle and a loading region for the guest to enter the amusement ride vehicle.

~~8.~~3. The amusement park ride sanitization system of~~–~~ claim ~~7~~1, comprising an additional ultraviolet light source configured to transition into and out of a compartment of the amusement ride vehicle.

~~9.~~4. The amusement park ride sanitization system of~~–~~ claim ~~7~~3, wherein the control system is configured to adjust a position of the additional ultraviolet light source toward the surface of the amusement ride vehicle when the control system determines that the amusement ride vehicle is transferring from past the unloading region to the loading region of the ride path.

~~10.~~5. The amusement park ride sanitization system of~~–~~ claim 1, wherein the ride path comprises a barrier configured to block a ~~viewpoint~~view of ~~the~~an interior of a housing of the sanitization station from a loading region and an unloading region along the ride path.

6. ~~11. The system of claim 10, wherein the housing of the~~ amusement park ride sanitization ~~station is without an access door.~~

~~12.~~ ~~The~~ system of ~~claim~~ claim 1, ~~wherein the ultraviolet light source further comprises~~comprising a disinfectant sprayer or mister.

7. The amusement park ride sanitization system of claim 1, comprising a first telescoping arm configured to adjust a height of the ultraviolet light source with respect to a surface of the ride path.

8. The amusement park ride sanitization system of claim 7, comprising a second telescoping arm coupled to the first telescoping arm via a joint, wherein the second telescoping arm is configured to adjust a position of the ultraviolet light source with respect to the first telescoping arm.

9. The amusement park ride sanitization system of claim 8, wherein the joint enables rotation of the second telescoping arm about an axis with respect to the first telescoping arm.

~~13.~~10. A system, comprising:

an amusement park ride, comprising a ride path and a ride vehicle, wherein the ride vehicle is configured to transport a guest along the ride path in a ride direction of the amusement park ride, and wherein the ride path comprises an unloading region for the guest to exit the ride vehicle and a loading region for the guest to enter the ride vehicle; and

a sanitization station disposed along the ride path such that the sanitation station is past the unloading region and before the loading region of the ride path along the ride direction of the amusement park ride, wherein the sanitization station comprises:

a housing configured to receive the ride vehicle as the ride vehicle travels along the ride path;

an ultraviolet light source configured to transmit ultraviolet light toward a surface of the ride vehicle; and

a control system configured to detect a position of the ride vehicle along the ride path and to activate the ultraviolet light source when the control system determines that the ride vehicle is positioned at a particular position relative to the housing.

~~14.~~11. The system of ~~claim~~ claim ~~13~~10, wherein the ultraviolet light source is disposed on a movable member configured to adjust a position of the ultraviolet light source with respect to the surface of the ride vehicle.

~~15.~~12. The system of ~~claim~~ claim ~~14~~11, wherein the control system comprises a memory configured to store a predetermined sequence of positions to adjust the position of the ultraviolet light source with respect to the surface of the ride vehicle.

13. The system of~~ claim 11, wherein the movable member is mounted to an interior wall of the housing, wherein the movable member comprises a first telescopic arm configured to extend and retract the ultraviolet light source with respect to the interior wall.

14. The system of claim 13, wherein the movable member comprises a second telescopic arm coupled to the first telescopic arm via a joint that enables movement between the first telescopic arm and the second telescopic arm.

15. The system of claim 11, wherein the movable member is disposed on a transportable base configured to travel along the ride path, and wherein the movable member comprises a ~~barrier~~telescopic arm configured to ~~block a viewpoint of the sanitization station~~extend toward and retract from the ~~loading region and the unloading region~~ride vehicle.

16. The system of claim 10, wherein the housing comprises an access door configured to enclose the ride vehicle within the housing, and wherein the control system is configured to actuate the access door when the ride vehicle is positioned at a second particular position along the ride path.

17. A method, comprising:

detecting a position of a ride vehicle as the ride vehicle travels along a ride path of an amusement park ride using a sensor coupled to a control system, wherein the ride path comprises an unloading region for a guest to exit the ride vehicle and a loading region for the guest to enter the ride vehicle; and

activating, using the control system, an ultraviolet light source of a sanitization system to transmit ultraviolet light toward a surface of the ride vehicle upon detecting that the ride vehicle is traveling from the unloading region to the loading region of the ride path.

18. The method of~~ claim 17, comprising actuating, using the control system, an access door of a housing of the sanitization system upon detecting that the ride vehicle is within a distance from the housing.

19. The method of~~ claim 17, comprising actuating, using the control system, a position of the ultraviolet light source with respect to the surface of the ride vehicle using a movable member mounted within a housing of the sanitization system.

20. The method of~~ claim 17, comprising actuating, using the control system, the ultraviolet light source from a compartment of the ride vehicle.

~~20.~~