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(54) **Title:** EXTENDED REALITY RIDE TEST ASSEMBLY FOR AMUSEMENT PARK SYSTEM

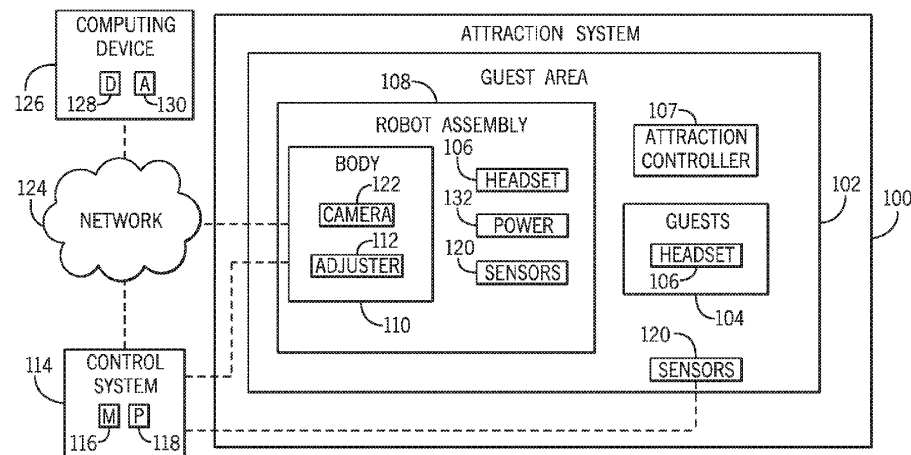


FIG. 1

(57) **Abstract:** An amusement park attraction includes a ride vehicle (150) configured to travel along a path (152) of the amusement park attraction, an attraction controller (107) configured to generate virtual elements, and a robot assembly (108) disposed on the ride vehicle (150). The head (170) of the robot assembly (108) is configured to adjust positions relative to the ride vehicle (150). The amusement park attraction further includes a headset (106) communicatively coupled to the attraction controller (107) and a camera (122) disposed in the head (170) of the robot assembly (108). The headset (106) is configured to be disposed on the head (170) of the robot assembly (108). The headset (106) is also configured to display the virtual elements generated by the attraction controller (107) based on a headset position in the amusement park attraction. The camera (122) is configured to acquire data indicative of the virtual elements displayed by the headset (106).

[Continued on next page]

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