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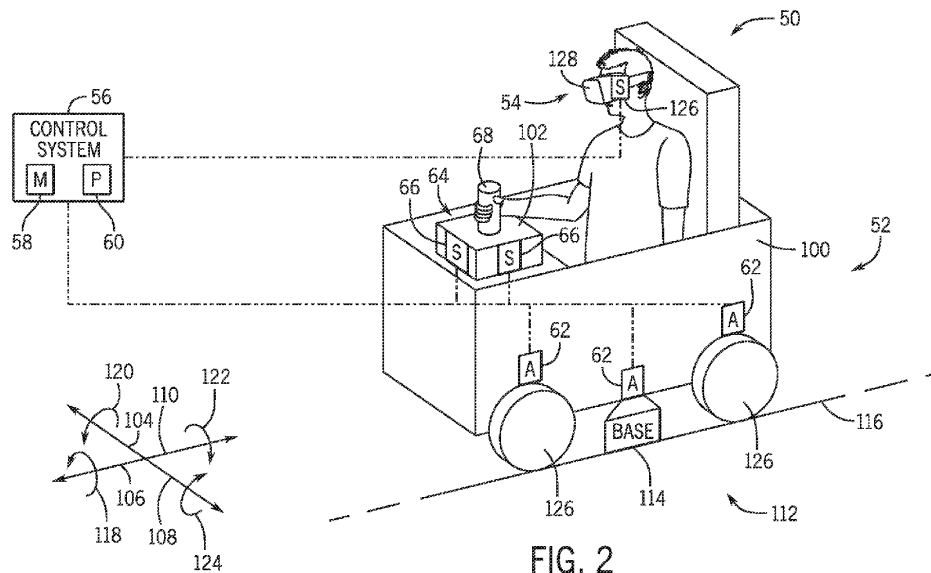


FIG. 2

(57) Abstract: An amusement park attraction system including a ride vehicle comprising an input device, and a control system configured to determine a parameter value associated with a force imparted on the input device. The parameter value includes a value of the force imparted on the input device, a value of a deformation caused by the force imparted on the input device, or both. The control system is also configured to control movement of the ride vehicle of the amusement park attraction system based on the parameter value.

[Continued on next page]

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