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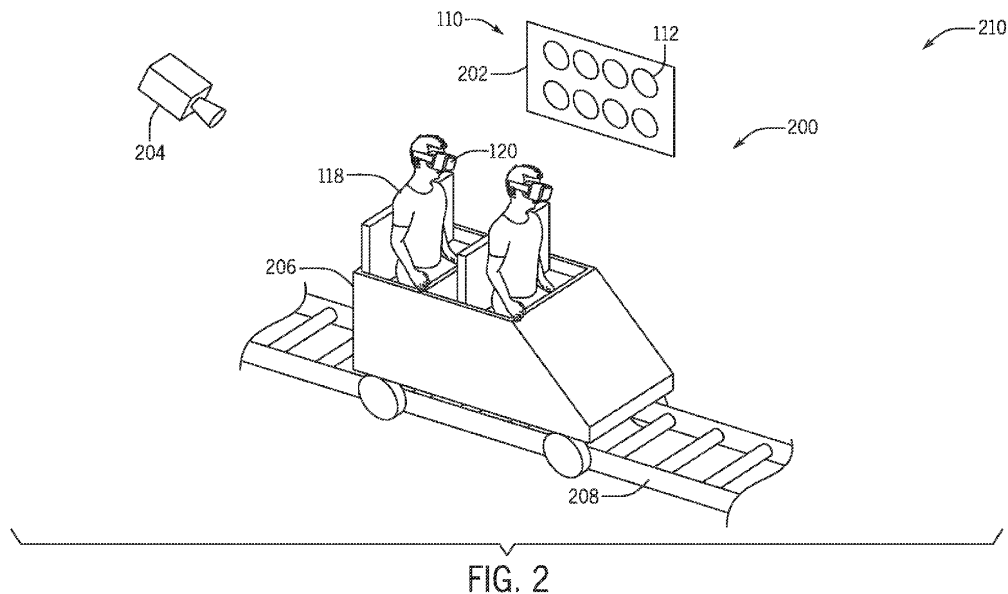
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(54) Title: SYSTEMS AND METHODS FOR THRUST-VECTORED PRACTICAL FLUID FLOW EFFECTS



(57) Abstract: An amusement park attraction effects system includes a dynamic display (120) for viewing by a user (118) traveling through an attraction, a display monitor (108) to provide status data indicative of a status of the dynamic display (120), a location identification system to determine a location of the user (118), a thrust-vectoring flow effect generator (112) to generate and direct a fluid flow toward any particular target location of a range of target locations, and an automation controller (116) communicatively coupled to the display monitor (108), the location identification system, and the thrust-vectoring flow effect generator (112). The automation controller (116) is configured to receive the status data, receive the location of the user (118), set a target location based on the location of the user (118), instruct the thrust-vectoring flow effect generator (112) to direct the fluid flow based on the target location, and instruct the thrust-vectoring flow effect generator (112) to control the fluid flow based on the status data.

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