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(54) Title: HEAD-MOUNTED DISPLAY TESTING SYSTEM AND METHOD

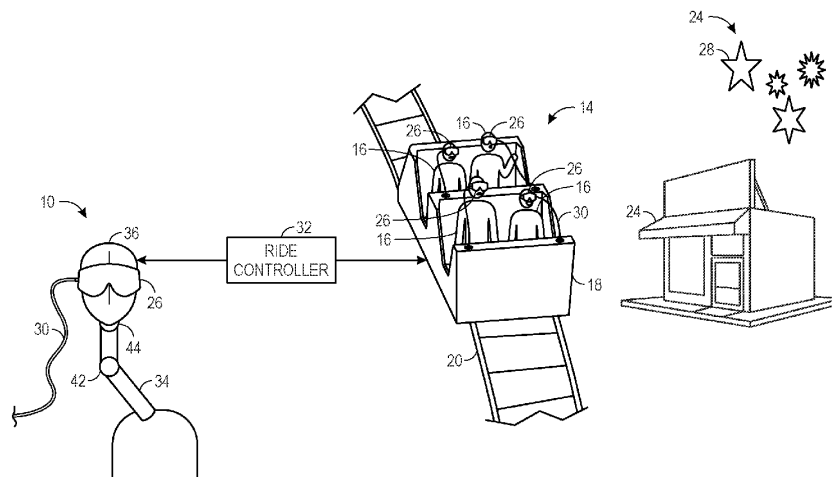


FIG. 1

(57) Abstract: A head-mounted display testing system may include a ride motion simulator to simulate a movement of an amusement ride and a head-mounted display mounted on the ride motion simulator that displays a virtual image. The ride motion simulator includes one or more outward facing cameras configured to capture the virtual image and a physical marker when the head-mounted display is on the ride motion simulator. The controller is configured to receive the footage of the head-mounted display screen captured by the one or more cameras and to generate an indication of head-mounted display quality based on deviations from an expected display.

[Continued on next page]

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