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(54) **Title:** VIRTUAL QUEUING TECHNIQUES

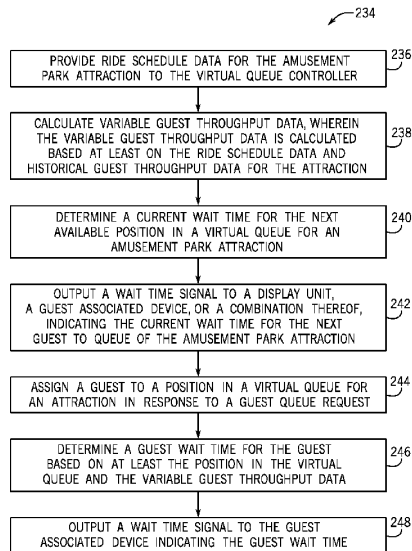


FIG. 2

(57) **Abstract:** The virtual queue system includes a virtual queue controller (130) comprising a processor (356a) and a memory (354a), wherein the memory (354a) stores instructions executable by the processor (356a) and is configured to receive a request, the request being associated with an individual guest, for a position in a virtual queue of an attraction (112), assign the individual guest to the position in the virtual queue in response to the request, receive ride schedule data for the attraction (112) comprising information about a change in status of individual rides (118) of the attraction (112), and determine a wait time for the individual guest for the attraction (112) based at least on the position of the individual guest in the virtual queue, the ride schedule data, and historical guest throughput at the attraction (112). The virtual queue system is further configured to output a signal to a guest-associated device (120) indicating the wait time for the attraction (112).

[Continued on next page]

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