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(54) **Title:** QUEUE MONITORING TECHNIQUES

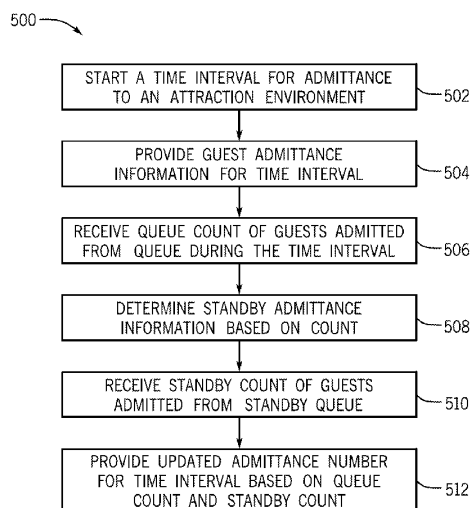


FIG. 4

(57) **Abstract:** A queue monitoring system includes at least one sensor configured to monitor guests admitted from an entrance and generate a sensor signal. The system also includes a virtual queue controller comprising a processor and communications circuitry, wherein the virtual queue controller is configured to: communicate guest admittance information to an operator device, the guest admittance information causing the operator device to display a target number of guests to be admitted during a time interval; determine a count of guests admitted from the entrance during the time interval based on the sensor signal; determine a remaining number representative of remaining guests to be admitted based on the target number and the count of guests admitted from the entrance; and communicate a standby admit signal to the operator device to cause the operator device to display the remaining number.

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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