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(54) **METHOD AND SYSTEM FOR WAKING UP A DEVICE DUE TO MOTION**

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USPC **340/457**; 340/573.1

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IPC G01C 1/00; G06F 1/00
See application file for complete search history.

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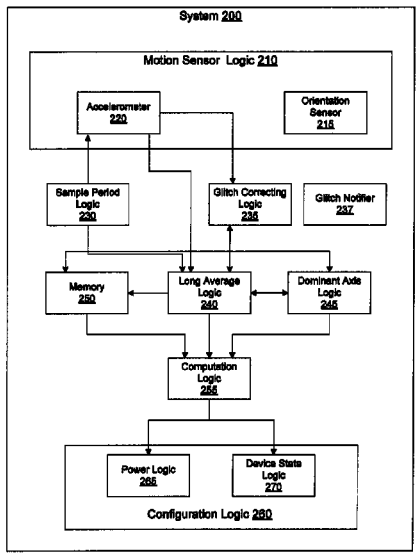
(57) **ABSTRACT**

A method comprises determining an idle sample value for a dominant axis of a device in an idle state. The method further comprises registering a motion of the device, and evaluating the motion. The method further comprises waking up the device when the analysis of the motion indicates a change in the dominant axis of the device and/or a level of acceleration beyond a threshold.

22 Claims, 7 Drawing Sheets