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(57) **ABSTRACT**

A sensor assembly for sensing a physiological characteristic of a user includes a power source, a power control switch, and a power latch within a housing. The power control switch is electrically coupled to the power source, and is configured to inhibit delivery of power from the power source to one or more components of the sensor assembly before deployment of the sensor assembly to a user, and deliver power from the power source to the one or more components of the sensor assembly in response to the deployment of the sensor assembly to the user. The power latch is configured to, upon the deployment of the sensor assembly to the user, latch an output of the power control switch to maintain the delivery of power from the power source to the one or more components of the sensor assembly while the sensor assembly is in a deployed state.

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