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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.
Petitioner

v.

VALENCELL, INC.
Patent Owner

PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 8,923,941

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[1.5] the serial data output is configured such that a plurality of subject physiological parameters comprising subject heart rate and subject respiration rate can be extracted from the physiological information and such that a plurality of subject physical activity parameters can be extracted from the motion-related information 24

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[1.P] A method of generating data output containing physiological and motion-related information 49

[1.1] sensing physical activity and physiological information from a subject via a single monitoring device attached to the subject 49

[1.2] the monitoring device comprising at least one motion sensor for sensing the physical activity 49

[1.3] the monitoring device comprising at least one photoplethysmography (PPG) sensor for sensing the physiological information 50

[1.4] processing signals from the at least one motion sensor and signals from the at least one PPG sensor via a processor of the monitoring device into a serial data output of physiological information and motion-related information 50

[1.5] the serial data output is configured such that a plurality of subject physiological parameters comprising subject heart rate and subject respiration rate can be extracted from the physiological information and such that a plurality of subject physical activity parameters can be extracted from the motion-related information 52

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