UNITED STATES	PATENT AND TRA	ADEMARK OFFICE
BEFORE THE PA	ATENT TRIAL AND	APPEAL BOARD
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DECLARATION OF DR. MAJID SARRAFZADEH



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	[1.P] A method of generating data output containing physiological motion-related information	
	[1.1] sensing physical activity and physiological information from subject via a single monitoring device attached to the subject.	
	[1.2] the monitoring device comprising at least one motion sensor sensing the physical activity	
	[1.3] the monitoring device comprising at least one photoplethysmography (PPG) sensor for sensing the physiolog information	gical 46

		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	3
		[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	t on in
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		[1.P] A method of generating data output containing physiological ar motion-related information	
		[1.1] sensing physical activity and physiological information from a subject via a single monitoring device attached to the subject	81
		[1.2] the monitoring device comprising at least one motion sensor for sensing the physical activity	
		[1.3] the monitoring device comprising at least one photoplethysmography (PPG) sensor for sensing the physiologic information	
		[1.4] processing signals from the at least one motion sensor and signal 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	ng
		[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 of the extracted from the motion-related information	ect ion can
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