

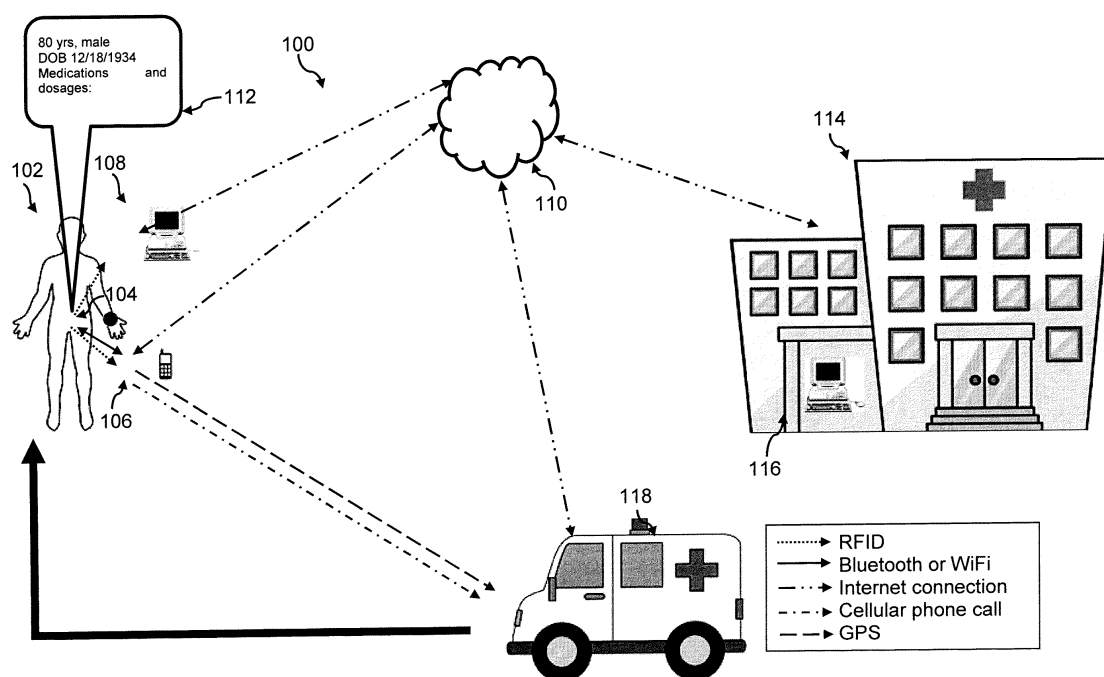
20 Documents

Publication numbers	Title	Current assignees
US20160051153 A1	Radio frequency identification (rfid) enabled wireless heart rate monitoring system	MOUSLY RAYAN NABIL M
CN101474066 A	Method and system of blood pressure real time monitoring and remote timely service with acceleration sensor	SHANGHAI UNIVERSITY
US20160157718 A1	Choosing a heart rate monitor for a wearable monitoring device	CAREPREDICT
EP3089654 A1	Ultra-wideband radar and algorithms for use in dog collar	I4C INNOVATIONS
EP1673953 A2	Wireless virtual campus escort system	AMERICAN TRAFFIC SOLUTIONS
KR20070056822 A	Server for supplying a possession notify service to a mobile communication terminal by using a cardiac sensor, and a system and method therefor	PANTECH
EP3035793 A1	Wearable device for fishing	NAVICO HOLDING
CN105496428 A	Wearable device control implementation method and device	QIZHI SOFTWARE, ...
US20170049339 A1	Mobile System For Comprehensive Medical Examination	RIJUEN
US20130116584 A1	Biometric front-end recorder system	RIJUEN
US20160007935 A1	Methods and apparatus for measuring physiological parameters	MIT - MASSACHUSETTS INSTITUTE OF TECHNOLOGY
EP2544584 A1	Body-worn vital sign monitor	SOTERA WIRELESS
EP1379065 A1	Polite call waiting notification	AVAYA
US20040034284 A1	Patient initiated emergency response system	JOHNS HOPKINS UNIVERSITY
EP3294249 A1	Bed device system and methods	EIGHT SLEEP
EP2092462 A2	Biometric access sensitivity	CANTOR FITZGERALD
EP3008729 A1	Method, apparatus and computer program product for gathering and presenting emotional response to an event	NOKIA
EP1284645 A2	System and device for multi-scale analysis and representation of electrocardiographic data	SHUSTERMAN VLADIMIR
US20160055747 A1	Law breaking/behavior sensor	AUTOCONNECT HOLDINGS
US20140324443 A1	Health Scoring Systems and Methods	BYBEE DUSTIN, ...

Family 1/20 - FAMPAT - ©Questel

Title

(US20160051153)

Radio frequency identification (rfid) enabled **wireless heart rate** monitoring system**Images****Publication numbers with kind code & date**

US20160051153

A1 2016-02-25

US20160051153

**Abstract**

(US20160051153)

Devices and systems for continuous monitoring of the **heart rate** of a patient diagnosed with or at risk of heart diseases. **Wireless** communication technologies such as radio frequency identification (RFID), Bluetooth and WiFi are integrated into a **heart rate** monitoring device to connect it to a communication device, the patient's **database** at a healthcare institution and to trigger an automatic call for emergency services through the communication device when emergency medical attention is needed.

Inventors

MOUSLY RAYAN NABIL M

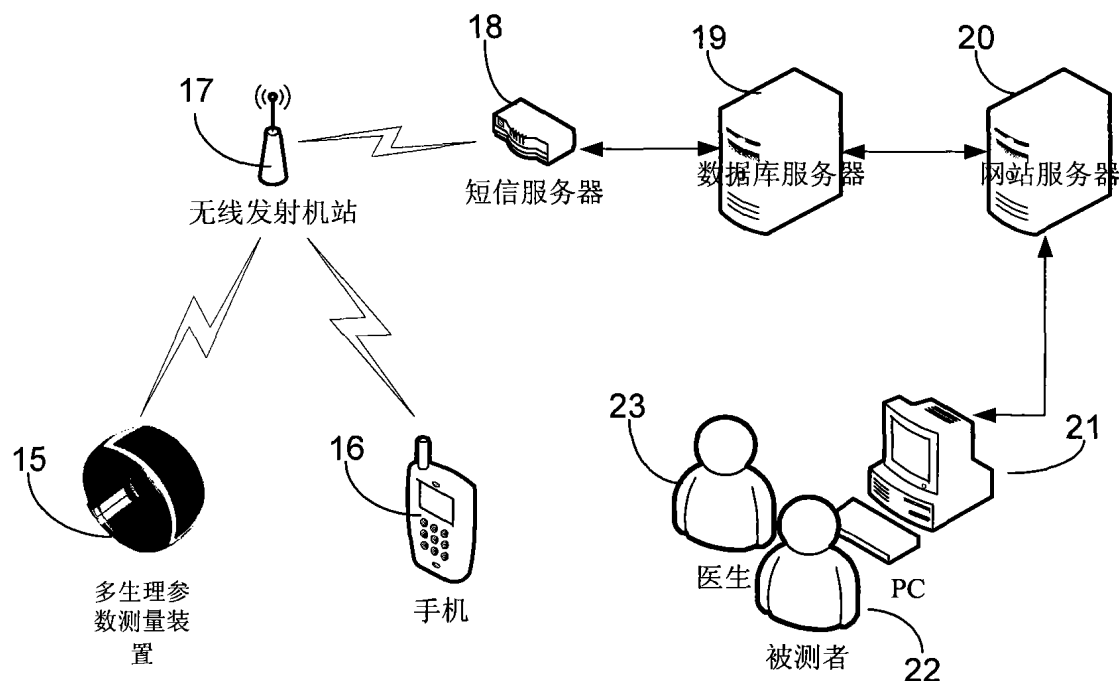
Family 2/20 - FAMPAT - ©Questel

Title

(CN101474066)

Method and system of blood pressure real time monitoring and remote timely service with acceleration sensor

Images



Publication numbers with kind code & date

CN101474066

A

2009-07-08

CN101474066



Abstract

(CN101474066)

The invention relates to a real-time blood pressure monitoring and timely remote service device with an acceleration transducer and a system thereof. The real-time blood pressure monitoring can be used for dynamically monitoring physiological parameters of human bodies such as blood pressure, **heart rate** and the like in real time, a pressure-frequency conversion method is used for converting a pressure signal into a frequency signal which has strong anti-interference capacity, thus enhancing the anti-interference capacity of the real-time blood pressure monitoring. An oscillography-based blood pressure measurement improvement algorithm effectively optimizes use of an internal memory space. The acceleration transducer can judge motion state of a tested person and control startup of blood pressure measurement to enhance measurement efficiency and save power. A **GSM** module sends monitoring data to a remote service platform, the **heart rate** data of the tested person are analyzed, and the system compares and selects the blood pressure data according to a preset **heart rate** variation threshold, removes abnormal blood pressure data, and stores the useful data. An intelligent signal analysis and processing program automatically analyzes the blood pressure data and sends alarm information to the tested person at proper time.

Inventors

YAN ZHUANGZHI

LI JUAN

SHI JUN

XUE LEI

TAO JIAAN

LU YANYA

Latest standardized assignees - inventors removed

SHANGHAI UNIVERSITY

Family 3/20 - FAMPAT - ©Questel

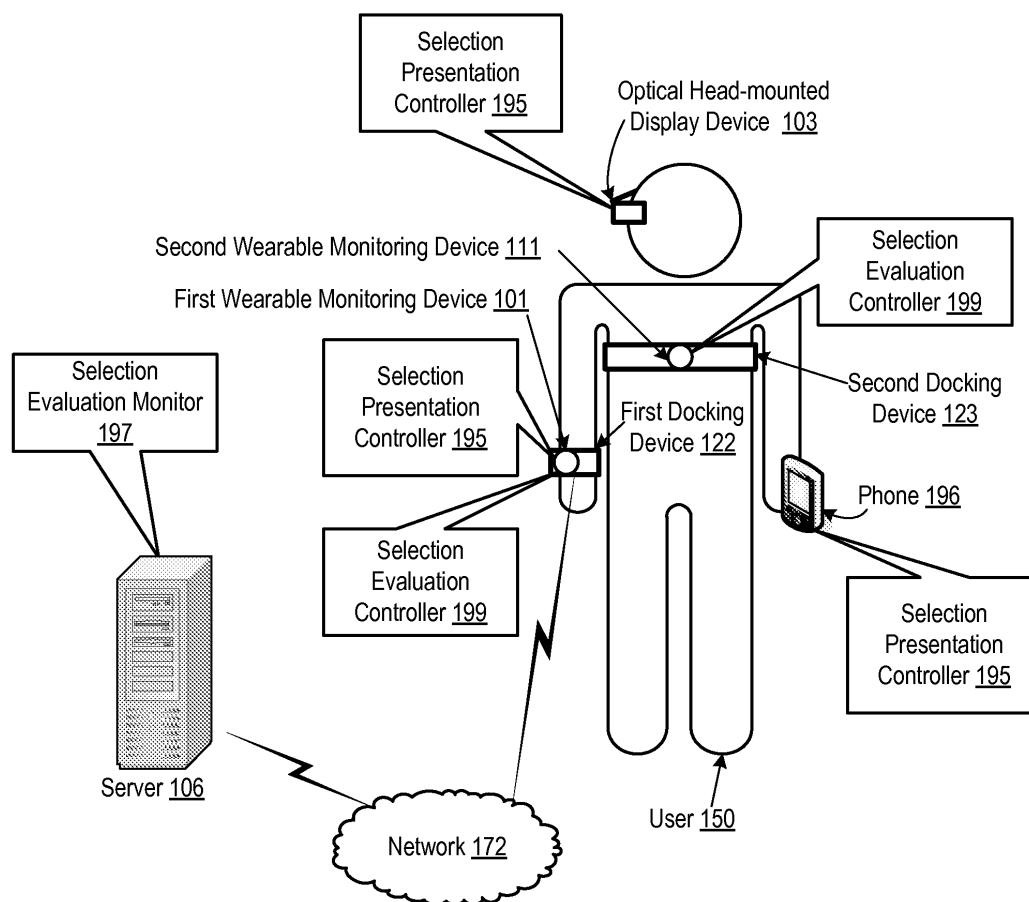
Title

(US20160157718)

Choosing a **heart rate** monitor for a wearable monitoring device

Images

100



Publication numbers with kind code & date

US20160157718

A1 2016-06-09

US20160157718



Abstract

(US20160157718)

Methods, apparatuses, and computer readable mediums for choosing a **heart rate** monitor for a wearable monitoring device. In a particular embodiment, the wearable monitoring device identifies a location of a wearable monitoring device on a user; selects based on an identification of the location, a **heart rate** monitor from the plurality of **heart rate** monitors; and uses the selected **heart rate** monitor to monitor a **heart rate** of the user.

Inventors

BARNES RONALD A

BEENS JASON A

ELAM JR DAVID P

IBEY BENNETT L

WILMINK GERALD J

Latest standardized assignees - inventors removed

CAREPREDICT

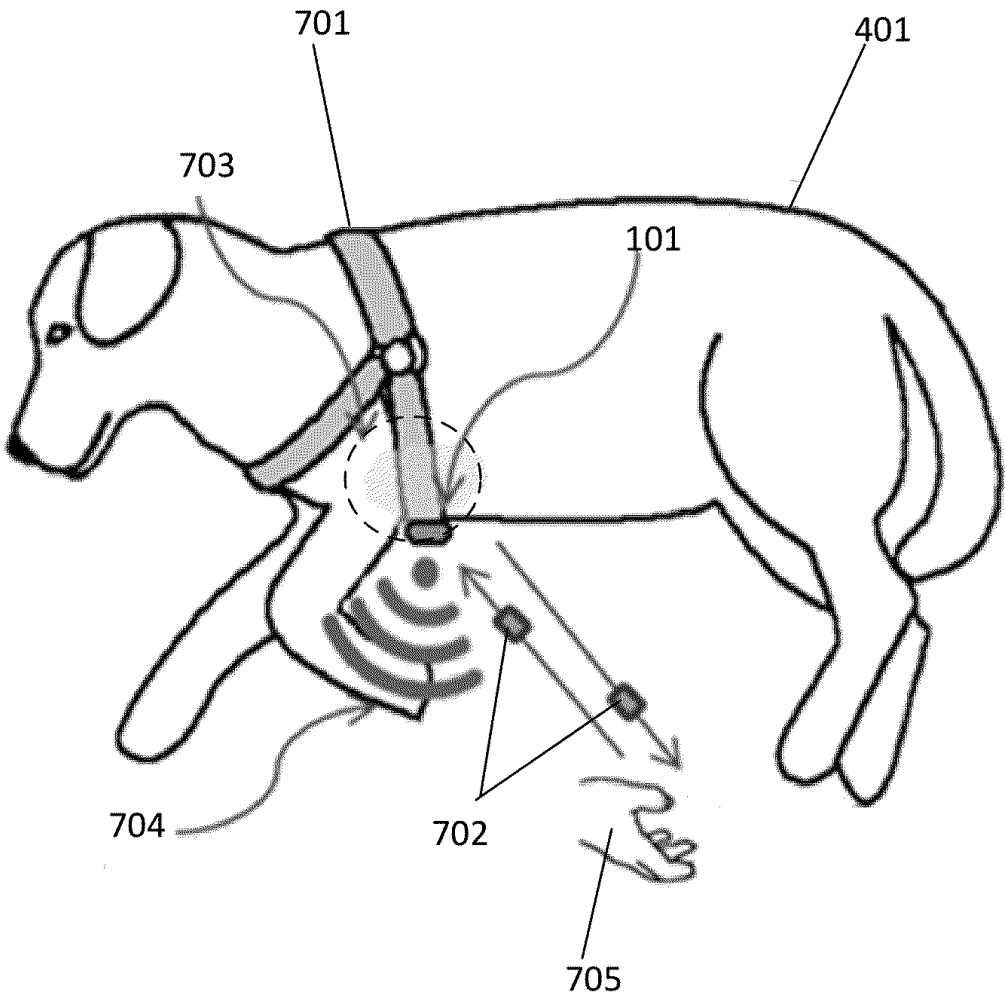
Family 4/20 - FAMPAT - ©Questel

Title

(EP3089654)

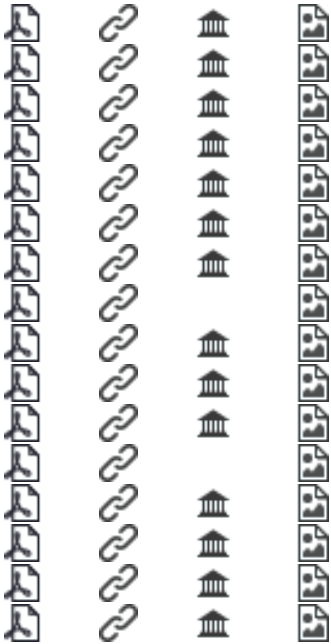
Ultra-wideband radar and algorithms for use in dog collar

Images



Publication numbers with kind code & date

NZ735547	A	2019-10-25	NZ-735547
AU2019216721	A1	2019-09-05	AU2019216721
AU2018203214	B2	2019-05-16	AU2018203214
AU2018203214	A1	2018-05-31	AU2018203214
AU2014374016	B9	2018-02-22	AU2014374016
AU2014374016	B2	2018-02-08	AU2014374016
NZ721658	A	2017-09-29	NZ-721658
MX2016008708	A	2017-05-19	MX2016008708
JP2017506876	A	2017-03-16	JP2017506876
EP3089654	A1	2016-11-09	EP3089654
CN105939653	A	2016-09-14	CN105939653
KR20160102297	A	2016-08-29	KR20160102297
AU2014374016	A1	2016-07-14	AU2014374016
CA2935580	A1	2015-07-09	CA2935580
WO2015/103127	A1	2015-07-09	WO2015103127
US20150181840	A1	2015-07-02	US20150181840



Abstract

(EP3089654)

A system and method for monitoring the health of an animal using multiple sensors is described. The wearable device may include one or more sensors whose resultant signal levels may be analyzed in the wearable device or uploaded to a data management server for additional analysis. One or more embodiments include variations of the UWB system to

accommodate differences in animals.

Inventors

TUPIN JOE PAUL JR

FONG CHRISTOPHER

GOLDFAIN ALBERT

COUSE JOHN MICHAEL

Latest standardized assignees - inventors removed

I4C INNOVATIONS

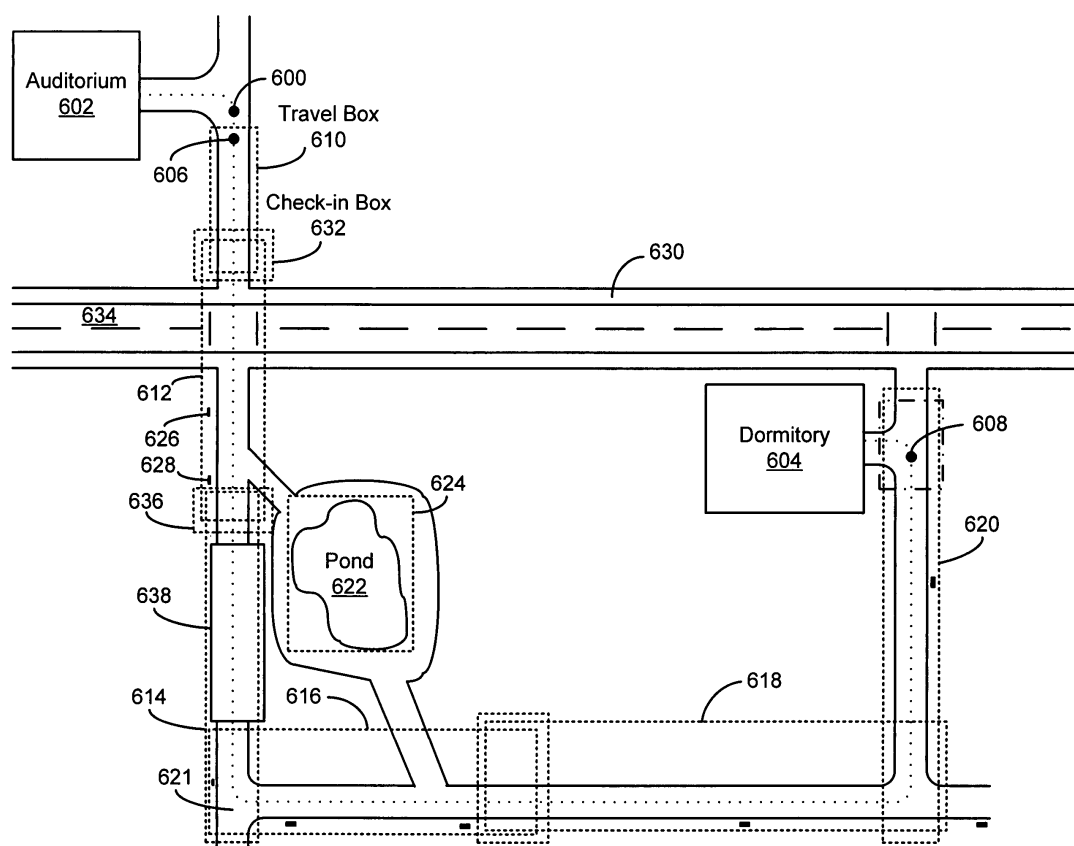
Family 5/20 - FAMPAT - ©Questel

Title

(EP1673953)

Wireless virtual campus escort system

Images



Publication numbers with kind code & date

US7221928	B2	2007-05-22	US7221928
US7149533	B2	2006-12-12	US7149533
EP1673953	A2	2006-06-28	EP1673953
WO2005/050849	A3	2005-11-10	WO200550849
WO2005/050849	A2	2005-06-02	WO200550849
US20050085257	A1	2005-04-21	US20050085257
US20050075116	A1	2005-04-07	US20050075116



Abstract

(EP1673953)

A user selects a route between a starting point and a destination. A mobile handset monitors the user's progress along the route by monitoring the location and movement of the handset and, optionally, sensor data, and by comparing this information to rules that define permitted or prohibited locations or movements or threshold sensor values. The handset

uses one or more positioning systems, such as GPS, to ascertain its location. A **server** provides the handset with information to correct errors in the location information. If a rule fires, possibly indicating that the user is in danger, the handset attempts to ascertain the user's wellbeing, warns the user to return to the prescribed route and begins sending the handset's location to a **server**, which displays the information to a dispatcher who dispatches safety or security personnel to the user's location. The handset and servers communicate via any available **wireless** channel(s).

Inventors

LAIRD MARK D

GLIER MICHAEL T

Latest standardized assignees - inventors removed

AMERICAN TRAFFIC SOLUTIONS

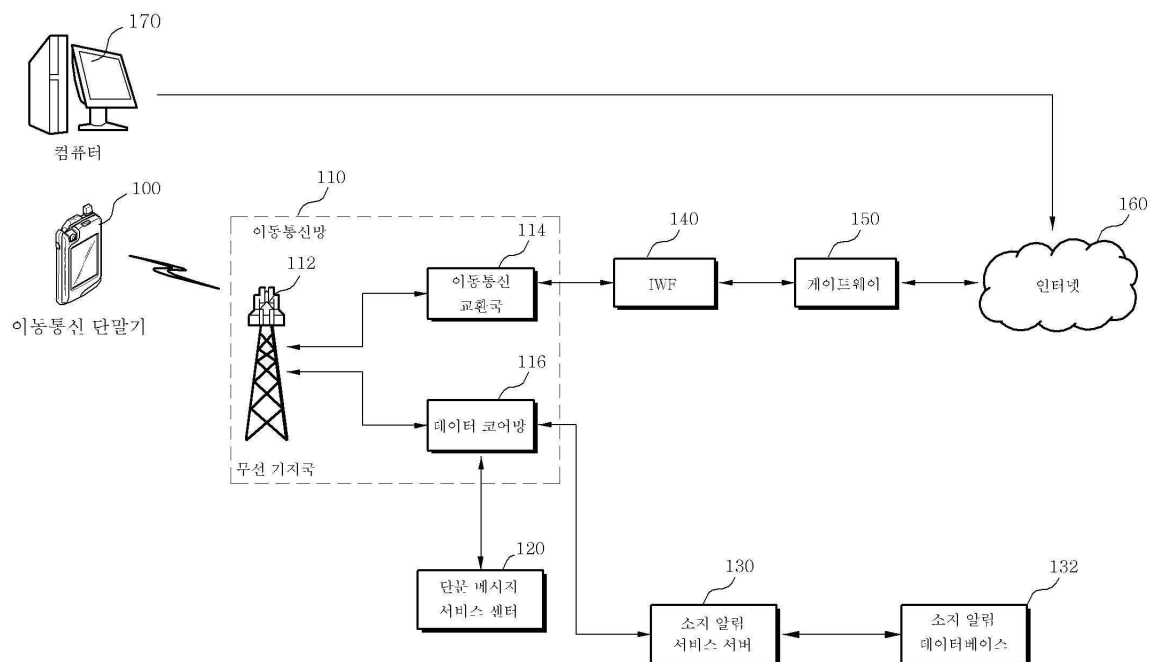
Family 6/20 - FAMPAT - ©Questel

Title

(KR20070056822)

Server for supplying a possession notify service to a mobile communication terminal by using a cardiac sensor, and a system and method therefor

Images



Publication numbers with kind code & date

KR20070056822

A

2007-06-04

KR20070056822



Abstract

(KR20070056822)

PURPOSE: A **server** for supplying a possession notify service to a mobile communication terminal and a system and method therefor are provided to enable a callee's terminal to convert a heartbeat value sensed by using a cardiac sensor into an electric signal if a call request signal is received from a caller's mobile terminal, and then send the electric signal to the **server**, and to enable the **server** to notify the caller's terminal whether the callee has the terminal, thus the caller does not have to continuously make a call.

CONSTITUTION: It is confirmed whether a terminal receives a call within a certain time. If not, the terminal senses a terminal user's heartbeat for a certain time by using a cardiac sensor(S300). A heartbeat value for converting the sensed heartbeat into an electric signal is transmitted to a possession notify service **server**(S302). The **server** compares the received heartbeat value with a reference heartbeat value, and confirms whether the terminal user has the terminal(S304-S310). If not, a not-possession confirmation signal is transmitted to an MSC(Mobile Switching Center), so that a message indicating that the user does not have the terminal is transmitted to another terminal which demands a call

connection(S314).

(C) KIPO 2007

Inventors

JEONG, JONG OOK

Latest standardized assignees - inventors removed

PANTECH

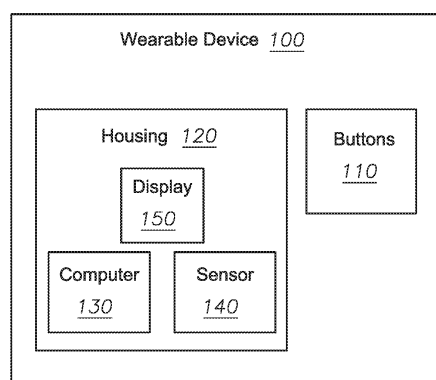
Family 7/20 - FAMPAT - ©Questel

Title

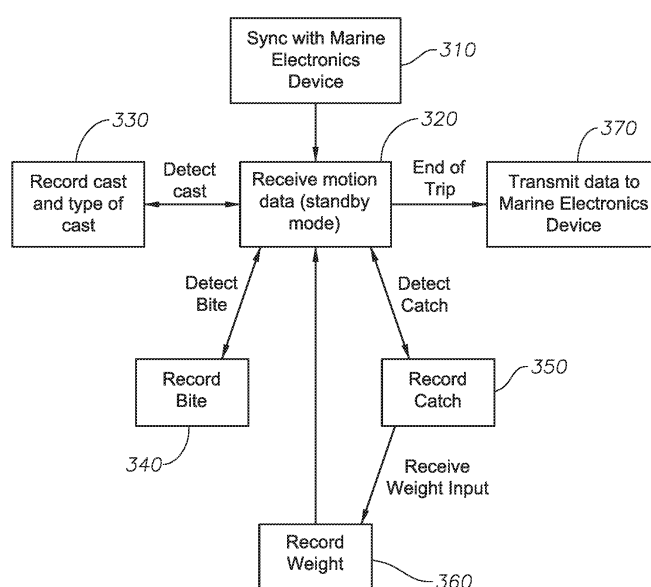
(EP3035793)

Wearable device for fishing

Images



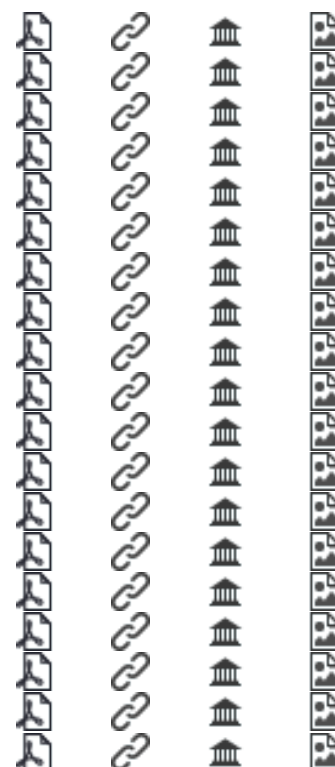
Fishing Motion Detection Software 300



Publication numbers with kind code & date

US10383322	B2	2019-08-20
US10251382	B2	2019-04-09
CA2921317	C	2018-07-10
US9992987	B2	2018-06-12
US9615562	B2	2017-04-11
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US9596839	B2	2017-03-21
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US20150055827	A1	2015-02-26

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US20150057965	A1	2015-02-26	US20150057965				
US20150057968	A1	2015-02-26	US20150057968				
US20150058237	A1	2015-02-26	US20150058237				
US20150058323	A1	2015-02-26	US20150058323				
WO2015/025270	A1	2015-02-26	WO201525270				
WO2015/025271	A1	2015-02-26	WO201525271				
WO2015/025272	A1	2015-02-26	WO201525272				
WO2015/025273	A1	2015-02-26	WO201525273				
WO2015/025274	A1	2015-02-26	WO201525274				
WO2015/025275	A1	2015-02-26	WO201525275				
WO2015/025276	A1	2015-02-26	WO201525276				
WO2015/025277	A1	2015-02-26	WO201525277				
WO2015/025278	A1	2015-02-26	WO201525278				
WO2015/025279	A2	2015-02-26	WO201525279				

Abstract

(EP3035793)

Various implementations described herein are directed to a wearable device (100) used to record fishing data. The wearable device may include a housing (120). The housing may include a sensor (140) or sensors to detect motion. The housing may include a computer system (130) with a processor and memory. The memory may have a plurality of executable instructions. When the executable instructions are executed by the processor, the processor may receive motion data from the sensor or sensors and determine whether a cast has been made.

Inventors

BAILEY PAUL ROBERT

Latest standardized assignees - inventors removed

NAVICO HOLDING

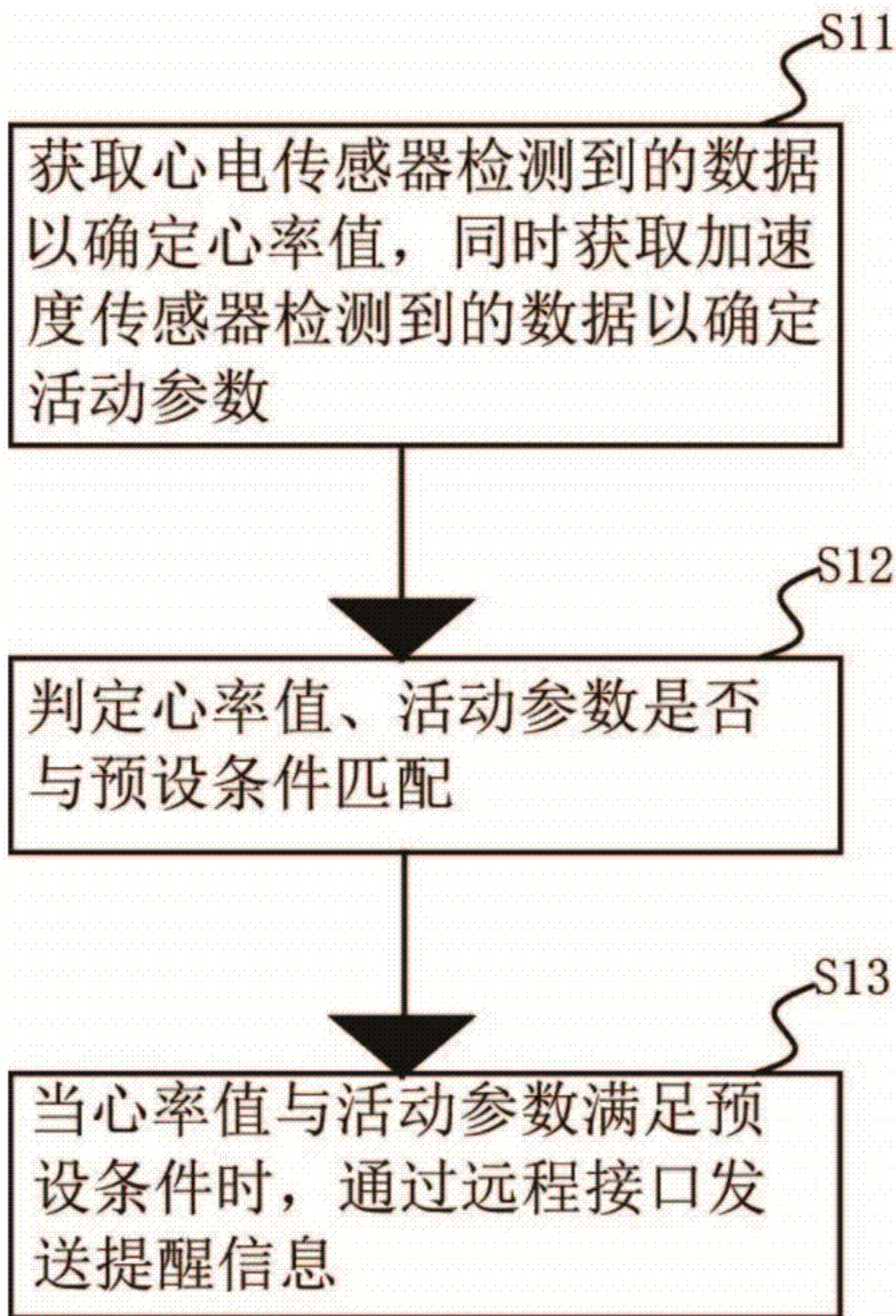
Family 8/20 - FAMPAT - ©Questel

Title

(CN105496428)

Wearable device control implementation method and device

Images

**Publication numbers with kind code & date**

CN105496428	B	2018-10-30	CN105496428B
CN105496428	A	2016-04-20	CN105496428

**Abstract**

(CN105496428)

The invention provides a wearable device control implementation method. The method comprises steps as follows: acquiring data detected by an electro-cadiography sensor to determine a **heart rate** value, and acquiring data detected by

an acceleration sensor simultaneously to determine activity parameters; judging whether the heart rate value and the activity parameters are matched with preset conditions; transmitting a reminding message through a remote interface when the heart rate value and the activity parameters meet the preset conditions. The invention further provides a wearable device control implementation device. According to the scheme, the physical condition of a user can be monitored, and the user's preference for the environment where the user is located can be judged.

Inventors

SHI JINAN

TANG HUIZHONG

Latest standardized assignees - inventors removed

QIZHI SOFTWARE

BEIJING QIHOO TECHNOLOGY

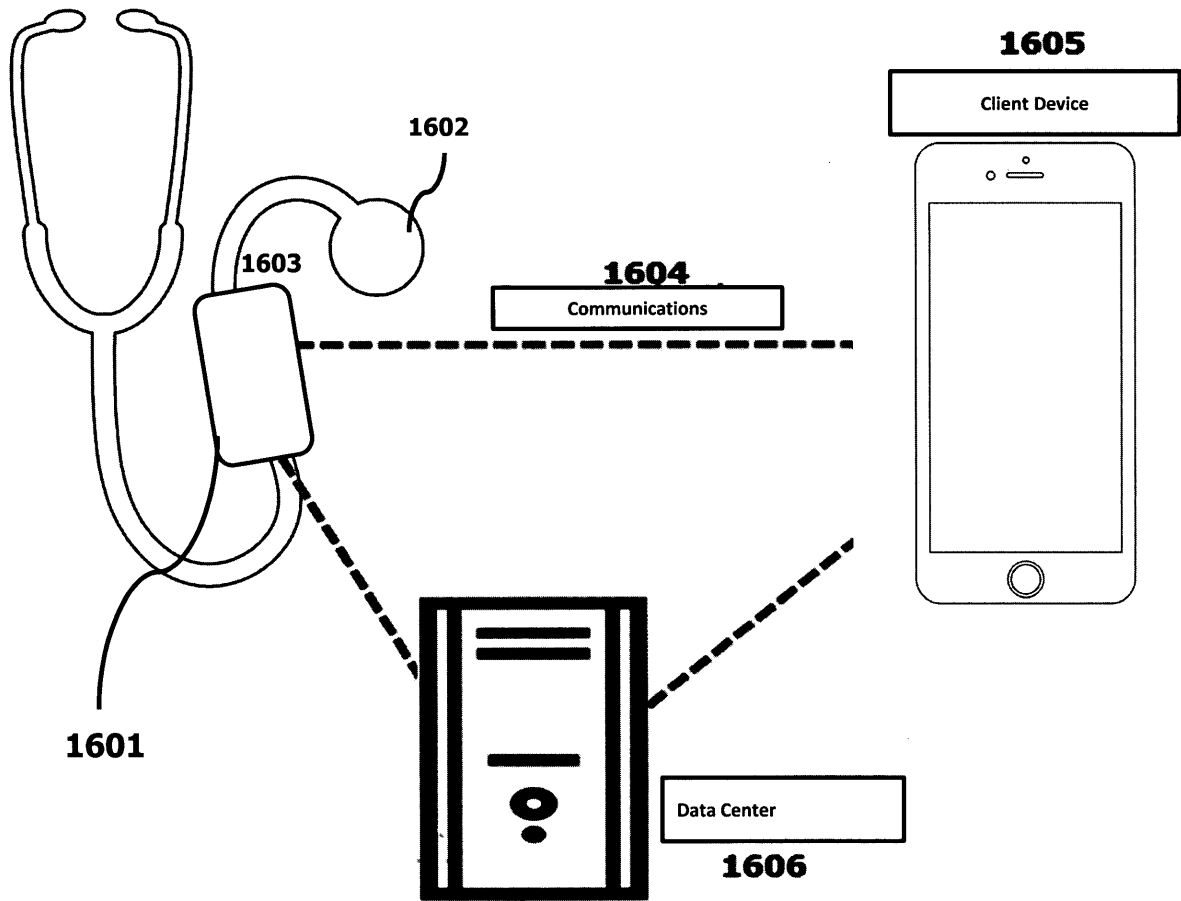
Family 9/20 - FAMPAT - ©Questel

Title

(US20170049339)

Mobile System For Comprehensive Medical Examination

Images



Publication numbers with kind code & date

US20170049339	A1	2017-02-23	US20170049339
US9492138	B2	2016-11-15	US9492138
US20150065814	A1	2015-03-05	US20150065814



Abstract

(US20170049339)

A comprehensive and integrated point-of-care diagnostic system which consists of biosensors such as stethoscope front-recorder device, a blood pressure monitor, a spirometer, a pulse oximetry, a thermometer, a handheld ultrasound machine, a blood glucose meter, an otoscope and an ophthalmoscope. The biosensors collect data from a user or patient. The data collected is then transferred to a mobile device which then transfers the data to health management server for analysis and

notifications.

Inventors

KAPOOR RAJESHWAR

Latest standardized assignees - inventors removed

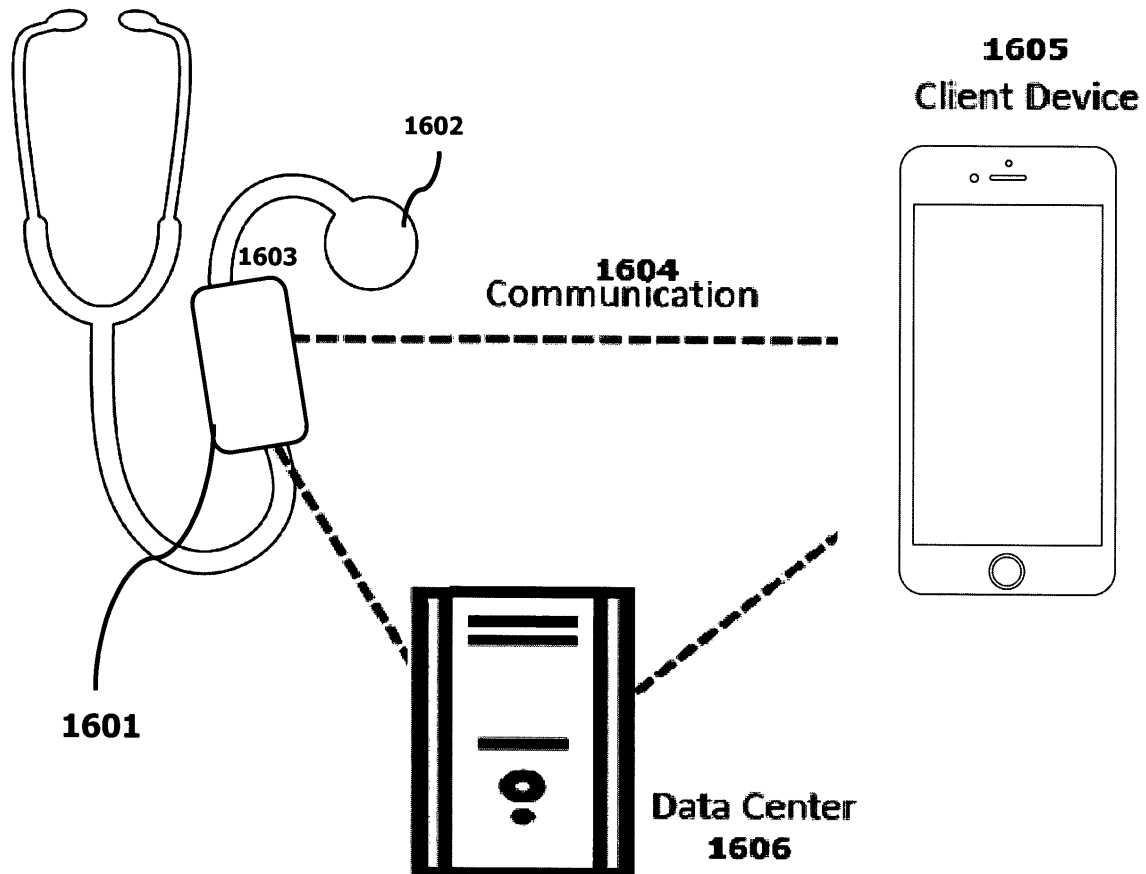
RIJUVEN

Family 10/20 - FAMPAT - ©Questel

Title

(US9320442)

Biometric front-end recorder system

Images**Publication numbers with kind code & date**

US9320442	B2	2016-04-26	US9320442
US20130116584	A1	2013-05-09	US20130116584

**Abstract**

(US20130116584)

A stethoscope front-end recorder device (also referred to as Sleeve) for the chest piece of a stethoscope, which is easily installed and removed. The Sleeve covers the circumference of the chest piece of a stethoscope. The Sleeve contains sensors for acquiring biosensor parameters such as electrocardiogram, body temperature, heartbeat, heart rhythm, heart rate variability, heart rate turbulence, heart sounds, respiration, cardiac index and blood flow. The Sleeve has Bluetooth interface communicating with a mobile device with software component, interfacing with a back-end server with the capability to capture, analyze and save patient information.

Inventors

KAPOOR RAJESHWAR

Latest standardized assignees - inventors removed

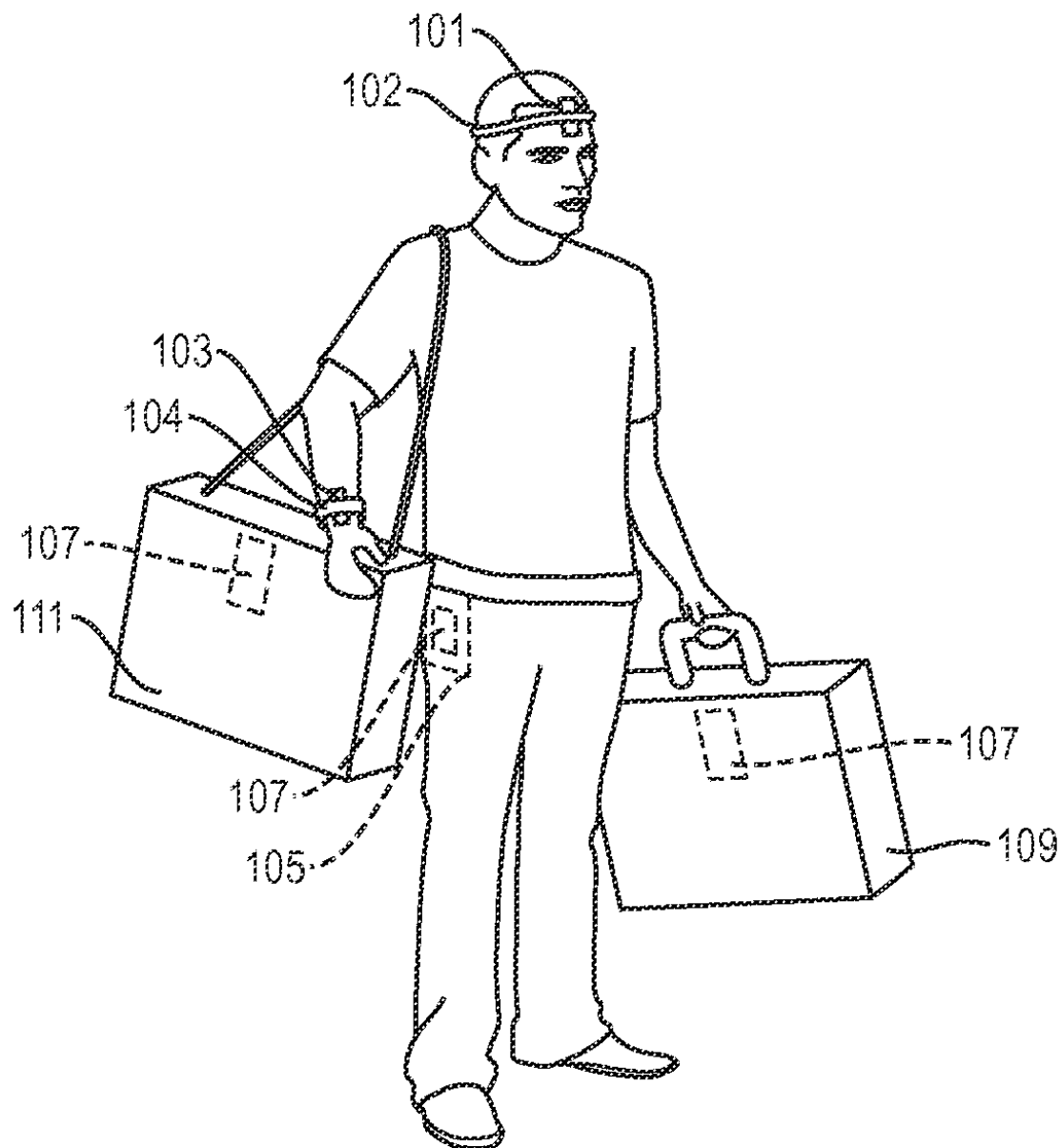
RIJUVEN

Family 11/20 - FAMPAT - ©Questel

Title

(US20160007935)

Methods and apparatus for measuring physiological parameters

Images**Publication numbers with kind code & date**[US20160007935](#)

A1 2016-01-14

US20160007935

**Abstract**

(US20160007935)

A sensor system includes one or more gyroscopes and one or more accelerometers, for measuring subtle motions of a user's body. The system estimates physiological parameters of a user, such as **heart rate**, breathing rate and **heart rate** variability. When making the estimates, different weights are assigned to data from different sensors. For at least one estimate, weight assigned to data from at least one gyroscope is different than weight assigned to data from at least one accelerometer. Also, for at least one estimate, a weight assigned to one or more sensors located in a first region relative to

the user's body is different than a weight assigned to one or more sensors located in a second region relative to the user's body. Furthermore, weight assigned to data from at least one sensor changes over time.

Inventors

HERNANDEZ JAVIER

MCDUFF DANIEL

PICARD ROSALIND

Latest standardized assignees - inventors removed

MIT - MASSACHUSETTS INSTITUTE OF TECHNOLOGY

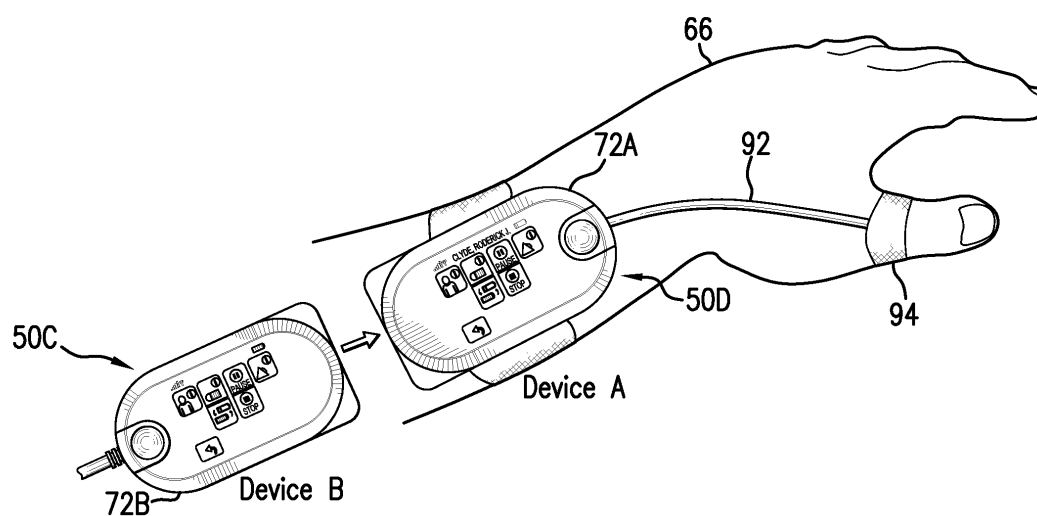
Family 12/20 - FAMPAT - ©Questel

Title

(EP2544584)

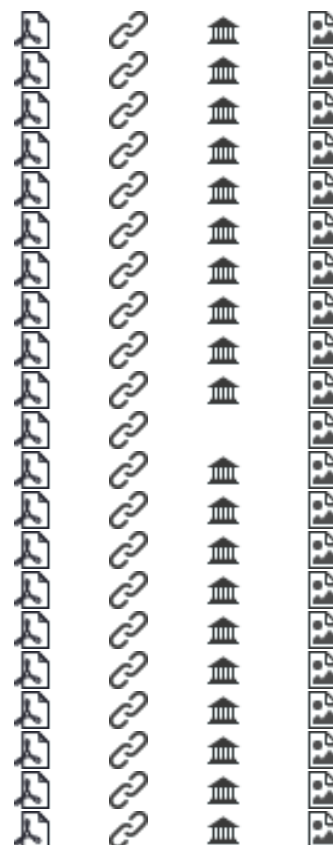
Body-worn vital sign monitor

Images



Publication numbers with kind code & date

US20190254600	A1	2019-08-22	US20190254600
US20190183422	A1	2019-06-20	US20190183422
US10278645	B2	2019-05-07	US10278645
US10213159	B2	2019-02-26	US10213159
EP2544584	B1	2017-09-20	EP2544584
EP2544584	A4	2015-07-15	EP2544584
US8727977	B2	2014-05-20	US8727977
IN2160/MUMNP/2012	A	2014-01-24	IN2012MN02160
US8591411	B2	2013-11-26	US8591411
EP2544584	A1	2013-01-16	EP2544584
SG183973	A1	2012-10-30	SG-183973
US20110224498	A1	2011-09-15	US20110224498
US20110224499	A1	2011-09-15	US20110224499
US20110224500	A1	2011-09-15	US20110224500
US20110224506	A1	2011-09-15	US20110224506
US20110224507	A1	2011-09-15	US20110224507
US20110224508	A1	2011-09-15	US20110224508
US20110224556	A1	2011-09-15	US20110224556
US20110224557	A1	2011-09-15	US20110224557
US20110224564	A1	2011-09-15	US20110224564
WO2011/112782	A1	2011-09-15	WO2011112782



Abstract

(EP2544584)

The invention provides a body-worn vital sign monitor that measures a patient's vital signs (e.g. blood pressure, SpO2, heart rate, respiratory rate, and temperature) while simultaneously characterizing their activity state (e.g. resting, walking, convulsing, falling) and posture (upright, supine). The monitor processes this information to minimize corruption of the vital signs and associated alarms/alerts by motion-related artifacts. It also features a graphical user interface (GUI) rendered on a touchpanel display that facilitates a number of features to simplify and improve patient monitoring and safety in both the hospital and home.

Inventors

MOON JIM

BANET MATT

TROMMER GUNNAR

DIBATTISTA CAROLINE

WATLINGTON TOM

DHILLON MARSHAL

MCCOMBIE DEVIN

Latest standardized assignees - inventors removed

SOTERA WIRELESS

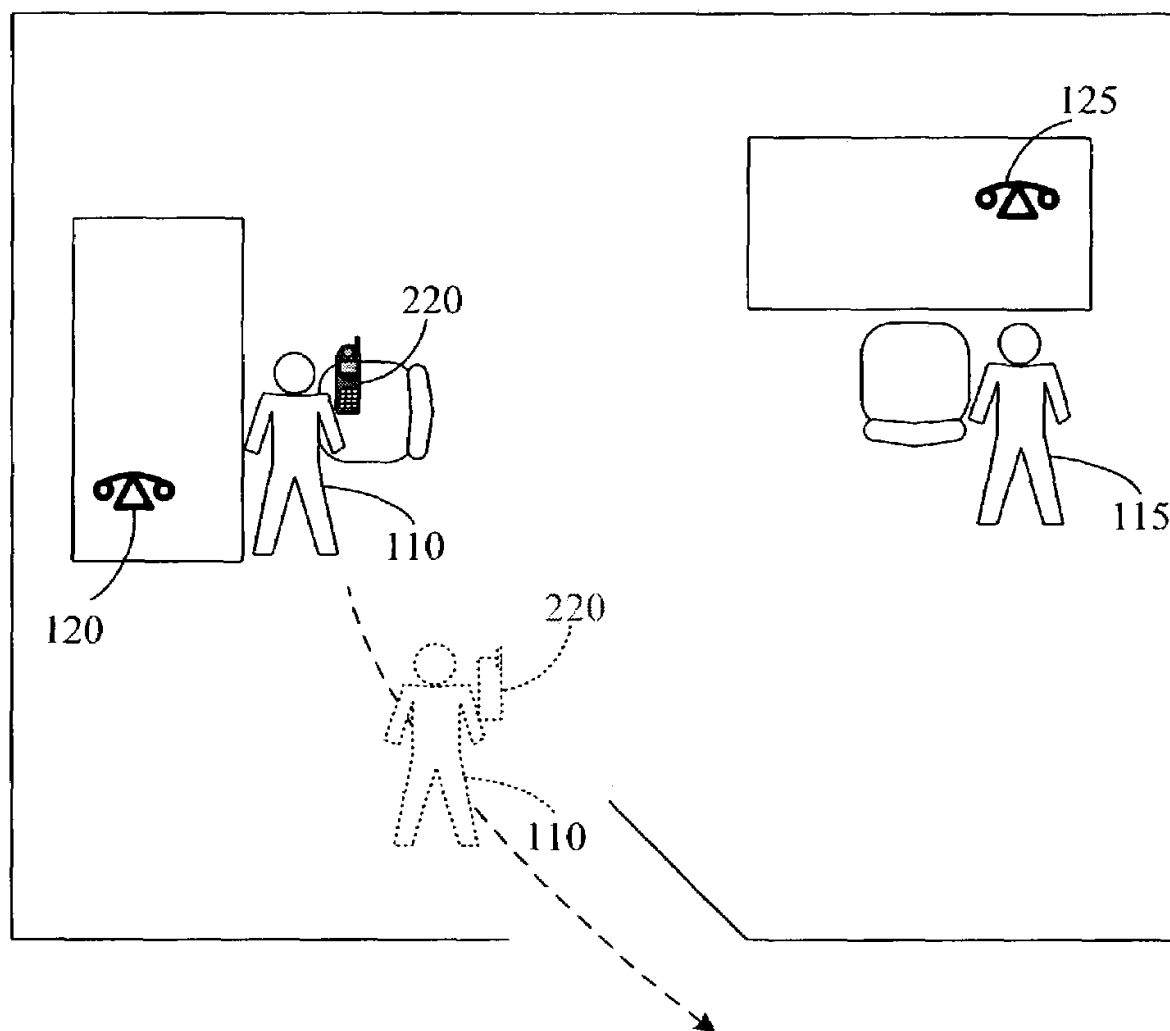
Family 13/20 - FAMPAT - ©Questel

Title

(EP1379065)

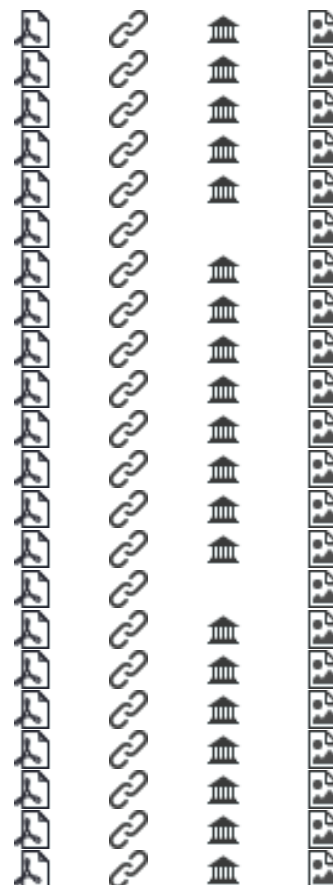
Polite call waiting notification

Images



Publication numbers with kind code & date

US9558475	B2	2017-01-31	US9558475
DE602004009144	T2	2008-07-03	DE602004009144
DE602004009144	D1	2007-11-08	DE602004009144
EP1538851	B1	2007-09-26	EP1538851
CA2433478	C	2007-06-19	CA2433478
KR100669911	B1	2007-01-16	KR100669911
US7142664	B2	2006-11-28	US7142664
US7046784	B2	2006-05-16	US7046784
US7013003	B2	2006-03-14	US7013003
EP1538851	A3	2005-11-16	EP1538851
EP1538851	A2	2005-06-08	EP1538851
CA2488428	A1	2005-06-04	CA2488428
US20040230685	A1	2004-11-18	US20040230685
US20040185838	A1	2004-09-23	US20040185838
KR20040067948	A	2004-07-30	KR20040067948
EP1441300	A1	2004-07-28	EP1441300
CA2454966	A1	2004-07-23	CA2454966
US20040066932	A1	2004-04-08	US20040066932
EP1379065	A1	2004-01-07	EP1379065
CA2433478	A1	2004-01-01	CA2433478
US20040001584	A1	2004-01-01	US20040001584
WO03/096559	A1	2003-11-20	WO200396559



(EP1379065)

A technique for notifying a person who is engaged in a telephone call with a second person that a third person is calling him or her is disclosed. In particular, the illustrative embodiments wait for an "appropriate opportunity" to notify person 101-1 of the arrival of the incoming message from person 101-3. For example, the appropriate opportunity is chosen so that it is, at least potentially, less disruptive to the conversation between person 101-1 and person 101-2 than would an arbitrarily-timed notification. <IMAGE>

Inventors

SELIGMANN DOREE DUNCAN

Latest standardized assignees - inventors removed

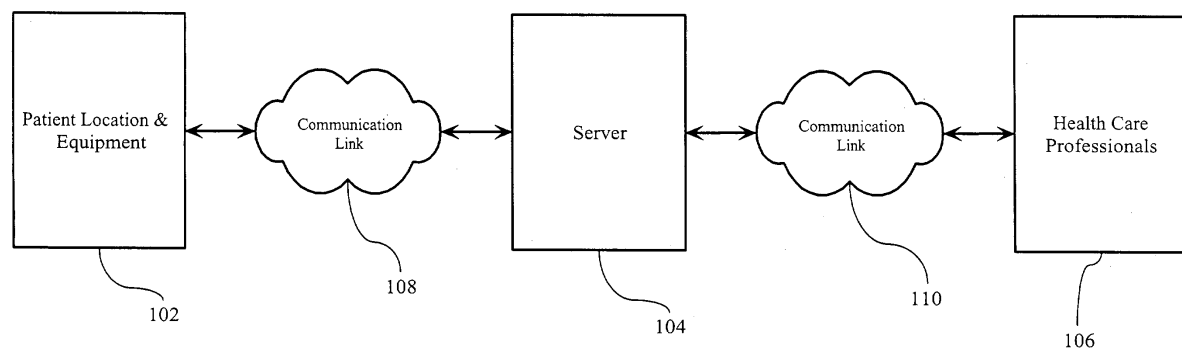
AVAYA

Family 14/20 - FAMPAT - ©Questel

Title

(US20040034284)

Patient initiated emergency response system

Images**Publication numbers with kind code & date**[US20040034284](#)

A1 2004-02-19

US20040034284

**Abstract**

(US20040034284)

A method and system for encouraging cardiac patients to seek prompt medical attention upon the onset of symptoms of an AMI or other serious heart problems that can be identified by ECG's or other similar measurements is disclosed. A patient is prescribed a personal monitoring module that includes the necessary equipment to monitor one or more parameters (e.g., **heart rate**, ECG, etc), and which has the ability to automatically transmit or "push" the data relating to these parameters to a central **server**. The personal monitoring module utilizes a novel harness to automatically situate the ECG leads in proper positions, and can be operated in different modes so that it can be used for training purposes and for routine data gathering, as well as be used in emergent situations to, when appropriate, automatically alert appropriate medical personnel and initiate the process of obtaining medical assistance for the patient. Healthcare professionals can access the central **server** to view the data and telecommunications links can be established so that the entire emergency team can be apprised of the information pertaining to the patient almost immediately, where appropriate.

Inventors

AVERSANO THOMAS R

ELKISS DALE R

PALMER JAMES G

WEISKOPF FRANCIS B

MAUGHAN WILLIAM L

Latest standardized assignees - inventors removed

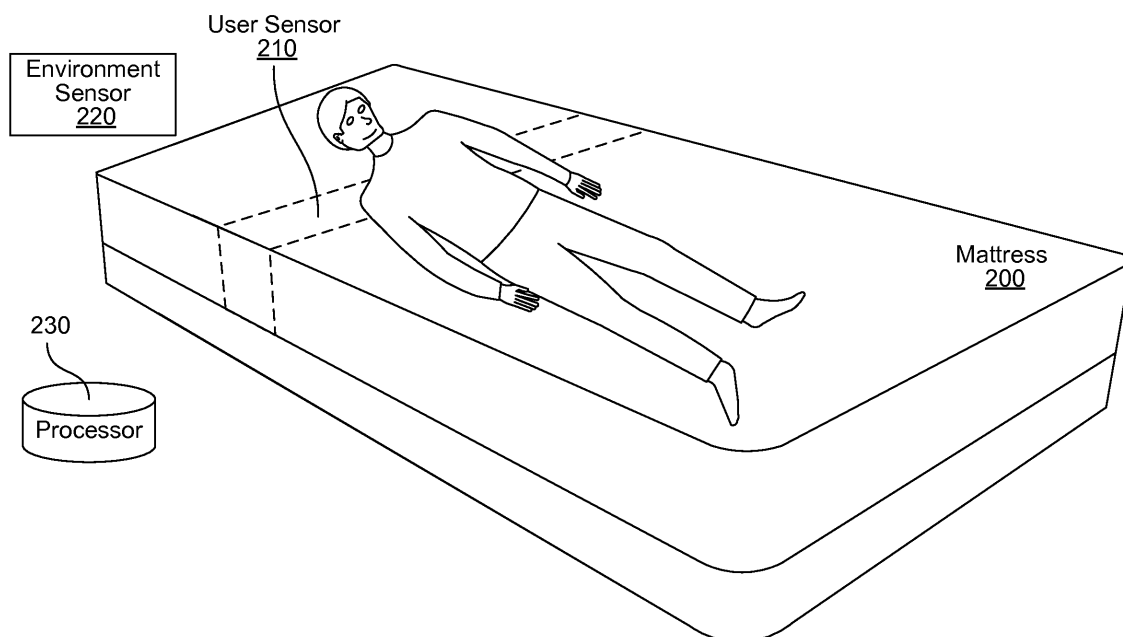
JOHNS HOPKINS UNIVERSITY

Family 15/20 - FAMPAT - ©Questel

Title

(EP3294250)

Bed device system and methods

Images**Publication numbers with kind code & date**

US20190321581	A1	2019-10-24	US20190321581
US20190269878	A1	2019-09-05	US20190269878
EP3294249	A4	2019-07-03	EP3294249
US9981107	B2	2018-05-29	US9981107
CN107847382	A	2018-03-27	CN107847382
CN107847383	A	2018-03-27	CN107847383
EP3294249	A1	2018-03-21	EP3294249
EP3294250	A1	2018-03-21	EP3294250
US20170296773	A1	2017-10-19	US20170296773
US20170259028	A1	2017-09-14	US20170259028
US9694156	B2	2017-07-04	US9694156
US9586021	B2	2017-03-07	US9586021
US20170028165	A1	2017-02-02	US20170028165
CA2985452	A1	2016-11-17	CA2985452
CA2985461	A1	2016-11-17	CA2985461
CA2985464	A1	2016-11-17	CA2985464
CA2985465	A1	2016-11-17	CA2985465
WO2016/182795	A1	2016-11-17	WO2016182795
WO2016/182858	A1	2016-11-17	WO2016182858
WO2016/182859	A1	2016-11-17	WO2016182859
WO2016/182860	A1	2016-11-17	WO2016182860
US20160310697	A1	2016-10-27	US20160310697
US20160136383	A1	2016-05-19	US20160136383
US20160128488	A1	2016-05-12	US20160128488
US20160073788	A1	2016-03-17	US20160073788
US20160073950	A1	2016-03-17	US20160073950



US20150351556	A1	2015-12-10	US20150351556				
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US20150355605	A1	2015-12-10	US20150355605				
US20150355612	A1	2015-12-10	US20150355612				
WO2015/188156	A1	2015-12-10	WO2015188156				
US9186479	B1	2015-11-17	US9186479				

Abstract

(EP3294250)

Introduced are a bed device system and methods for: gathering human biological signals, such as **heart rate**, breathing rate, or temperature; analyzing the gathered human biological signals; and controlling the bed device system, e.g., a temperature of the bed device, based on the analysis.

Inventors

FRANCESCHETTI MATTEO

BASSI MASSIMO ANDREASI

Latest standardized assignees - inventors removed

EIGHT SLEEP

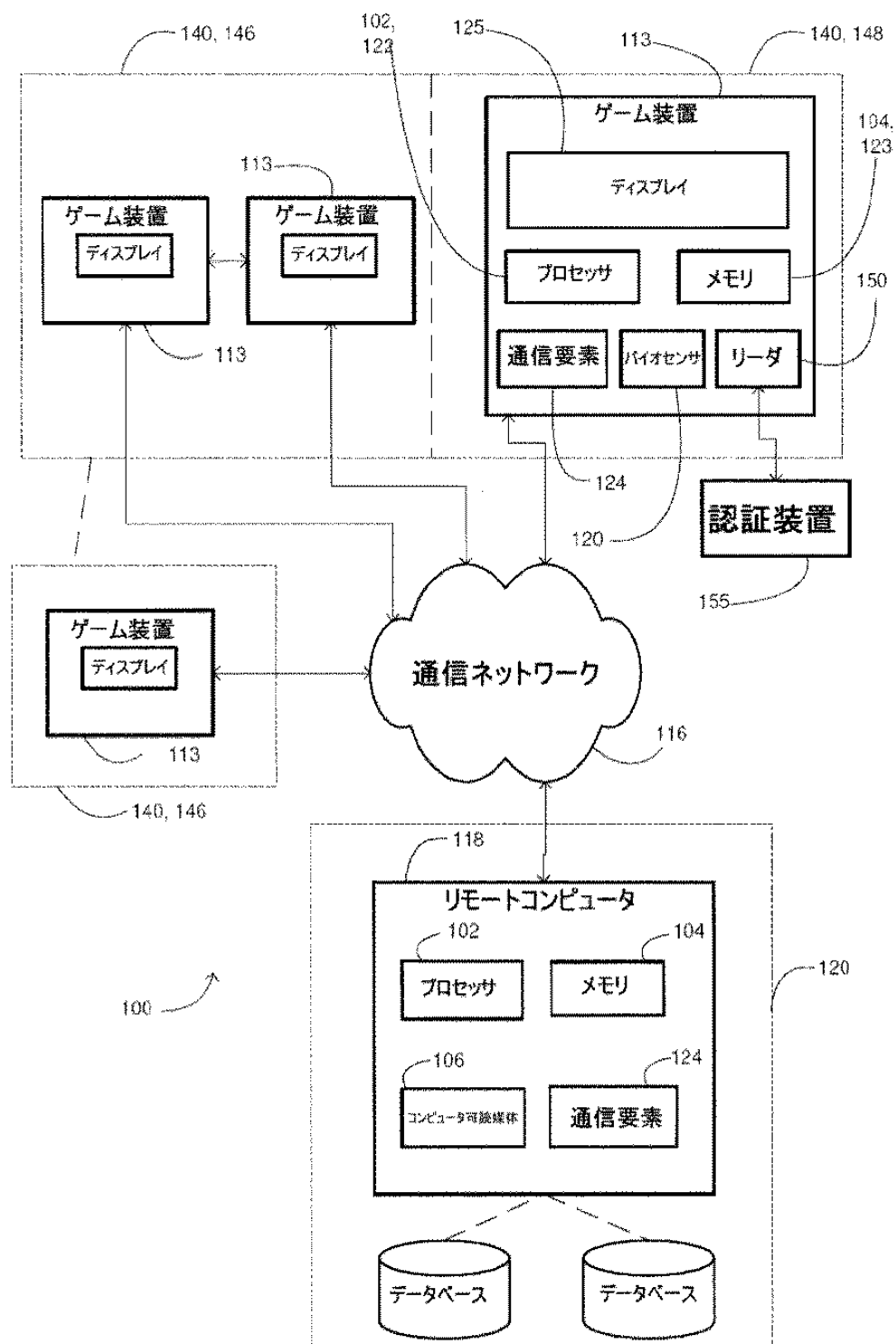
Family 16/20 - FAMPAT - ©Questel

Title

(EP2092462)

Biometric access sensitivity

Images



Publication numbers with kind code & date

JP6678126	B2	2020-04-08	JP6678126
JP2017148537	A	2017-08-31	JP2017148537
JP6126044	B2	2017-05-10	JP6126044
CA2669836	C	2016-07-12	CA2669836
NZ706217	A	2016-01-29	NZ-706217
JP2015042246	A	2015-03-05	JP2015042246
JP5681844	B2	2015-01-23	JP5681844
NZ577177	A	2012-11-30	NZ-577177
EP2092462	A4	2012-03-07	EP2092462



GB2458049	B	2011-11-30	GB2458049				
JP2010509031	A	2010-03-25	JP2010509031				
GB2458049	A	2009-09-09	GB2458049				
EP2092462	A2	2009-08-26	EP2092462				
GB0910202	D0	2009-07-29	GB200910202				
WO2008/061138	A3	2008-07-24	WO200861138				
AU2007319235	A1	2008-05-22	AU2007319235				
CA2669836	A1	2008-05-22	CA2669836				
CA2928614	A1	2008-05-22	CA2928614				
WO2008/061138	A2	2008-05-22	WO200861138				

Abstract

(EP2092462)

The present application provides methods and corresponding systems for accessing services on a gaming device which, in certain embodiments, include the step or steps of receiving at least one item of identity verification data from a user of a gaming device; enabling at least one service, such as a wager-type game, on the gaming device based on a match between the at least one item of identity verification data received and at least one item of identity verification data obtained previously; displaying an interface screen comprising graphic objects associated with the wager-type game and at least one selectable element for the user to submit a gaming command and a wagering command during game play; obtaining at least one item of user change data from a user during game play; and prompting the user for identity verification data when a user change is suspected based on the at least one item of user change data.

Inventors

ALDERUCCI DEAN P

ASHER JOSEPH M

PAPAGEORGIOU ANTONIO

Latest standardized assignees - inventors removed

CANTOR FITZGERALD

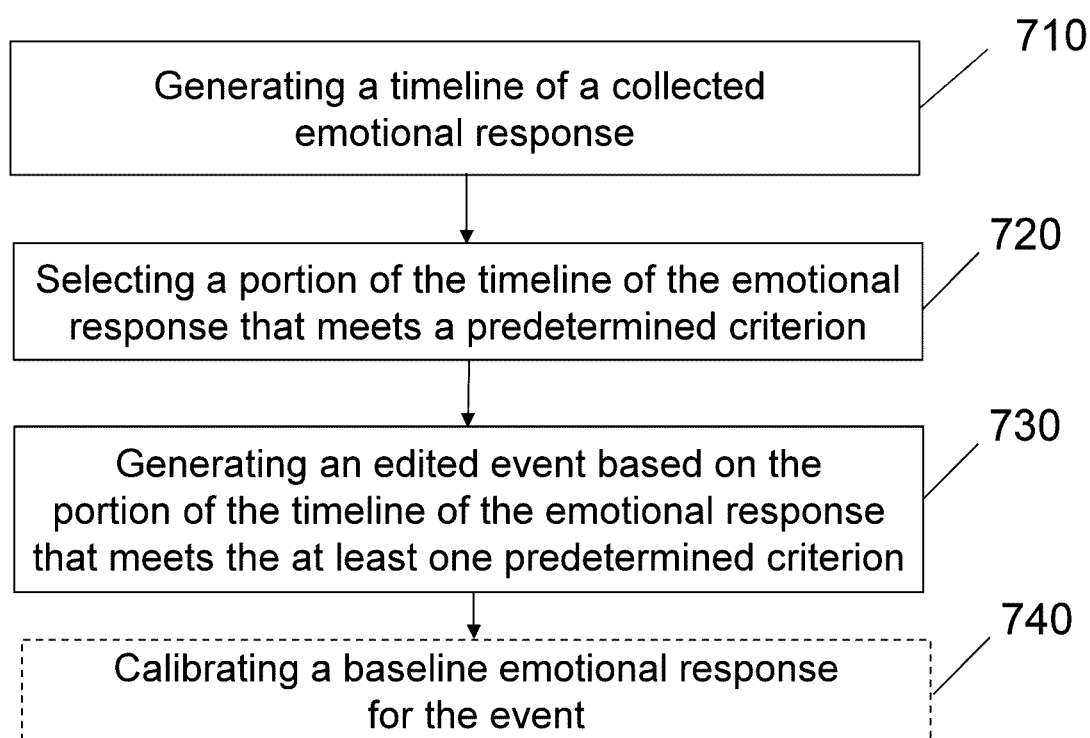
Family 17/20 - FAMPAT - ©Questel

Title

(EP3008729)

Method, apparatus and computer program product for gathering and presenting emotional response to an event

Images



Publication numbers with kind code & date

US9681186	B2	2017-06-13	US9681186
EP3008729	A1	2016-04-20	EP3008729
WO2014/199010	A1	2014-12-18	WO2014199010
US20140366049	A1	2014-12-11	US20140366049



Abstract

(EP3008729)

Provided herein is a method, apparatus and computer program product for gathering and presenting emotional response to an event in the form of an emotional response timeline. In particular, the method may include generating a timeline of a collected emotional response of a user relative to an event, selecting, by a processor, a portion of the timeline of the emotional response that meets at least one predefined criterion, and generating an edited event based on the portion of the timeline of the emotional response that meets the at least one predetermined criterion. The emotional response may include one or more of a **heart rate**, a facial expression, a vocalization, or a facial flush. The at least one predetermined criterion may include an emotional response above a predefined threshold.

Inventors

LEHTINIEMI ARTO
ERONEN ANTTI
ARRASVUORI JUHA
HOLM JUKKA

Latest standardized assignees - inventors removed

NOKIA

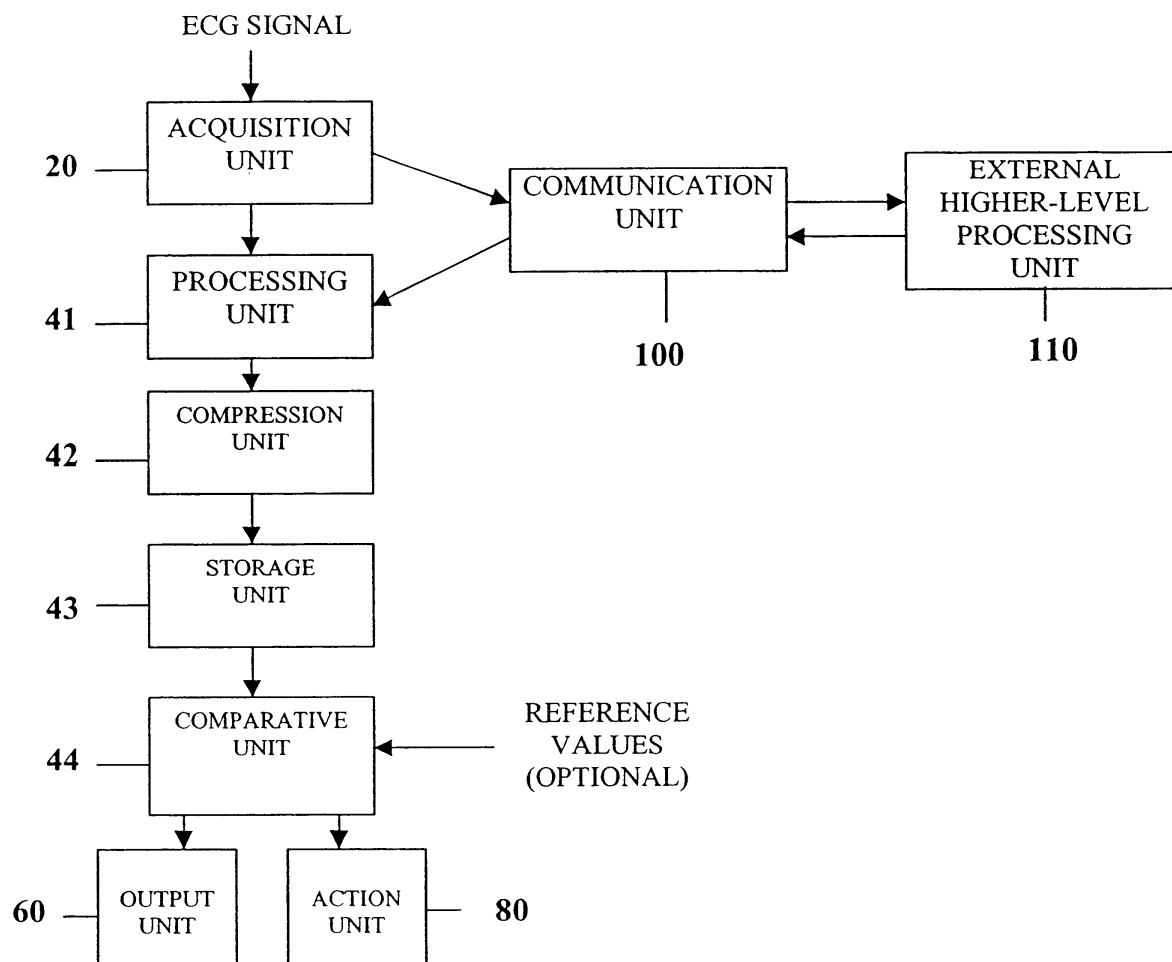
Family 18/20 - FAMPAT - ©Questel

Title

(EP1284645)

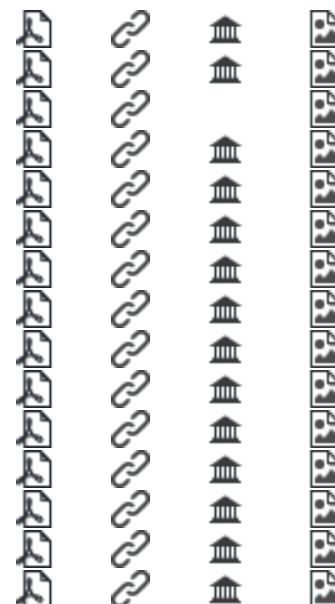
System and device for multi-scale analysis and representation of electrocardiographic data

Images



Publication numbers with kind code & date

US7801591	B1	2010-09-21	US7801591
DE60134010	D1	2008-06-26	DE60134010
AT394991	T	2008-05-15	ATE394991
EP1284645	B1	2008-05-14	EP1284645
US7343197	B2	2008-03-11	US7343197
US6925324	B2	2005-08-02	US6925324
US20040193064	A1	2004-09-30	US20040193064
EP1284645	A4	2004-07-07	EP1284645
EP1284645	A2	2003-02-26	EP1284645
US20020143263	A1	2002-10-03	US20020143263
WO01/91627	B1	2002-06-27	WO200191627
US6389308	B1	2002-05-14	US6389308
WO01/91627	A3	2002-04-04	WO200191627
AU6514001	A	2001-12-11	AU200165140
WO01/91627	A2	2001-12-06	WO200191627



Abstract

(EP1284645)

System comprised of a portable medical device (10) and method for registering electrocardiographic (ECG) signals, extracting and representing the most significant parameters at different levels of detail using the color-coded scales which are understandable to a lay person and a medical professional. Low, intermediate and high-resolution scales are defined according to the corresponding software and hardware resources. A low-resolution Scale I represents a small number of primary elements such as intervals between the heart beats, duration of PQ, QRS, and QT-intervals, amplitudes of P-, Q-, R-, S-, and T-waves. This real-time analysis is implemented in a portable device that requires minimum computational resources. The set of primary elements and their search criteria are adjusted for each ECG using intermediate or high-

resolution levels. At the intermediate-resolution Scale II, serial changes in each of the said elements are determined using a mathematical decomposition into series of orthogonal basis functions and their coefficients. This scale is implemented using a specialized processor or a computer organizer. At the high-resolution Scale III, combined serial changes in all elements of the ECG are determined to provide complete information about the dynamics of the signal. This scale is implemented using a powerful processor, a network of computers or the Internet. The system (10) can be used for personal or group self-evaluation, emergency or routine ECG analysis, or continuous event, stress-test or bed-side monitoring.

Inventors

SHUSTERMAN VLADIMIR

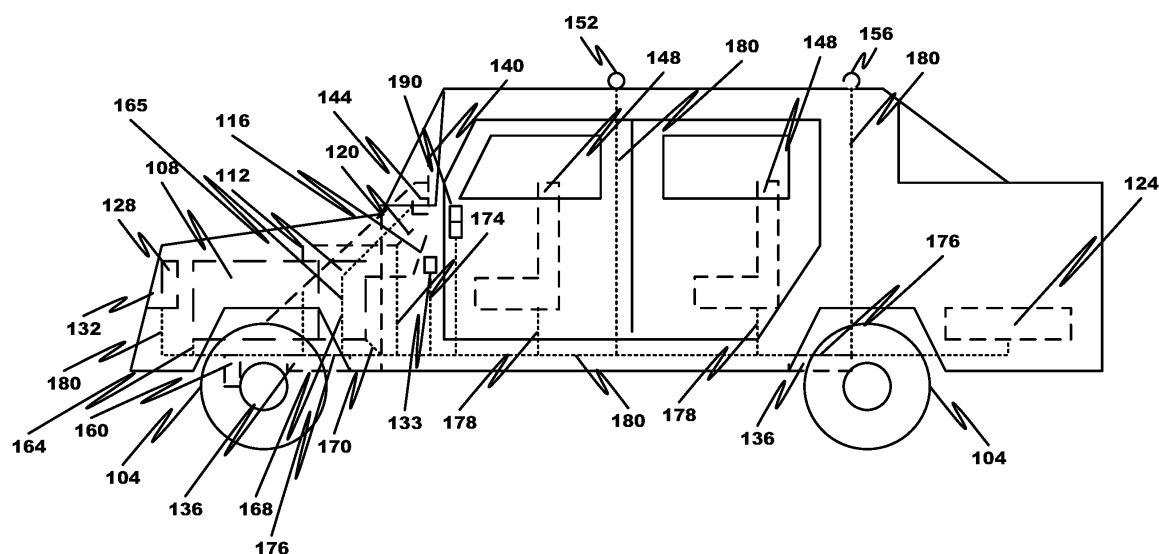
Family 19/20 - FAMPAT - ©Questel

Title

(US20160055747)

Law breaking/behavior sensor

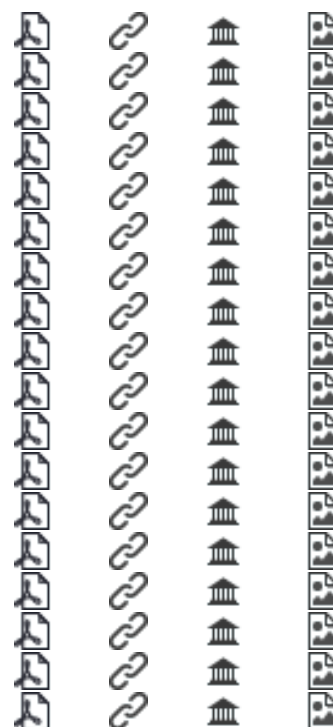
Images



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Publication numbers with kind code & date

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US10020995	B2	2018-07-10	US10020995
US20170232888	A1	2017-08-17	US20170232888
US20170132917	A1	2017-05-11	US20170132917
US9646439	B2	2017-05-09	US9646439
US20170093643	A1	2017-03-30	US20170093643
US9542085	B2	2017-01-10	US9542085
US9536361	B2	2017-01-03	US9536361
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US9317983	B2	2016-04-19	US9317983				
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US9305411	B2	2016-04-05	US9305411				
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US20160055747	A1	2016-02-25	US20160055747				
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US9079497	B2	2015-07-14	US9079497				
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US9082239	B2	2015-07-14	US9082239				
US9058703	B2	2015-06-16	US9058703				
US9046374	B2	2015-06-02	US9046374				
US9043130	B2	2015-05-26	US9043130				
US9020491	B2	2015-04-28	US9020491				
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US20150097798	A1	2015-04-09	US20150097798				
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US20130138591	A1	2013-05-30	US20130138591				
US20130138714	A1	2013-05-30	US20130138714				

(US20160055747)

Methods and systems for a complete vehicle ecosystem are provided. Specifically, systems that when taken alone, or together, provide an individual or group of individuals with an intuitive and comfortable vehicular environment. The present disclosure builds on integrating existing technology with new devices, methods, and systems to provide a complete vehicle ecosystem.

Inventors

RICCI CHRISTOPHER P

Latest standardized assignees - inventors removed

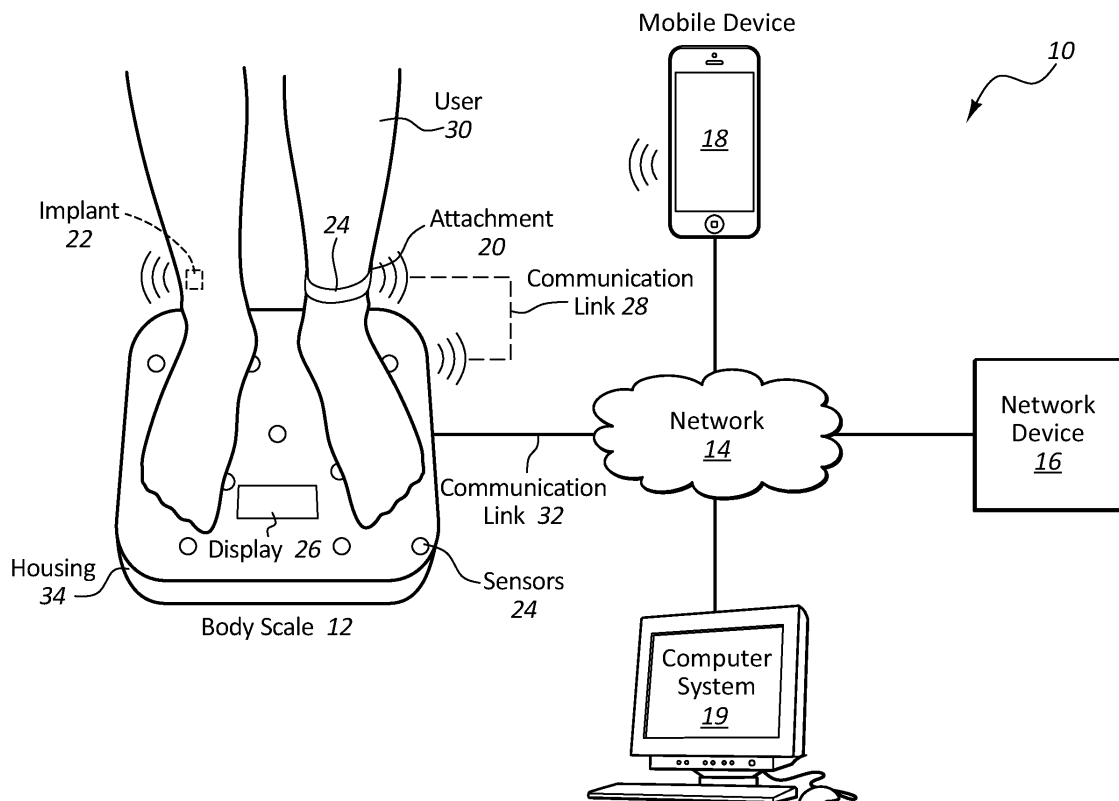
AUTOCONNECT HOLDINGS

Family 20/20 - FAMPAT - ©Questel

Title

(US20140324443)

Health Scoring Systems and Methods

Images**Publication numbers with kind code & date**[US20140324443](#)

A1 2014-10-30

US20140324443

**Abstract**

(US20140324443)

A method for scoring an individual's overall health and wellness is disclosed. The method includes the steps of receiving one or more health measurements of an individual. The one or more health measurements can include the individual's resting **heart rate**, the individual's blood pressure, and the individual's body fat percentage. Next, a health score of the individual is calculated based on the received health measurements.

Inventors

RICKS NATHAN W

BYBEE DUSTIN

MANSCILL CALEB