

16 Documents

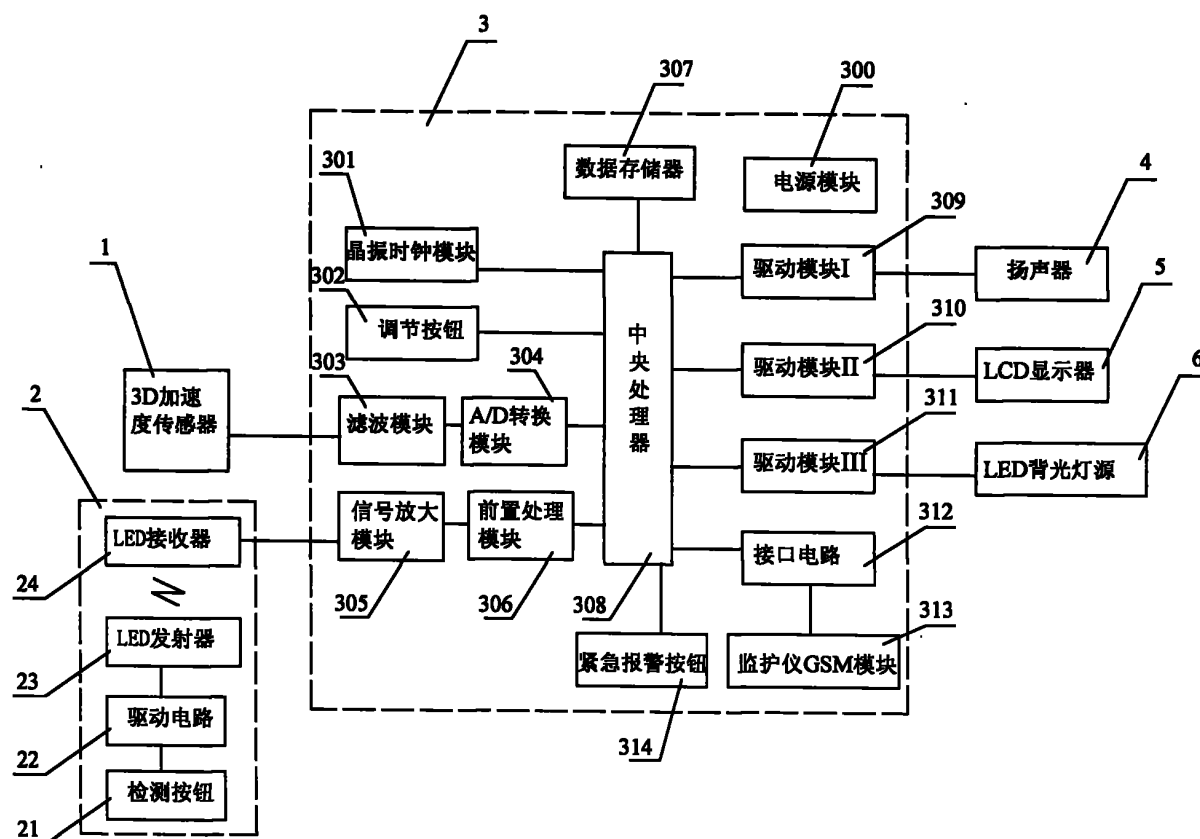
Publication numbers	Title	Current assignees
CN101847313 A	Empty nester long-distance monitoring method and long-distance monitoring instrument used thereby	HAIYAN EASY SPORT PRODUCTS
CN201641995U U	Instantaneous heart rate detecting and monitoring system	NO 359 HOSPITAL PLA
GB201009714 D0	Camera applications in a handheld device	INTEL
DE202015005019 U1	Alarm system	KING RUDOLF
CN106473719 A	Intelligent physical-activity monitoring system	TAISHAN MEDICAL UNIVERSITY
IN201621034040 A	A color - coded bracelet modelling system	SANDIP FOUNDATION'S SANDIP INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE
CN108184017 A	Smartphone for early warning and prevention of cancers and cardiovascular diseases	GUANGZHOU CITY LIVELY INTELLIGENT EQUIPMENT
WO2014206382 A1	Live holter	FELICI MILK
CN206949578U U	Intelligent clothing	SHANGHAI UNIVERSITY OF ENGINEERING SCIENCE
US20040059205 A1	Configuration for monitoring the state of health of a person	CARDIOSAFE INTERNATIONAL
US20060206582 A1	Rfid reader with multiple interfaces	DPD PATENT TRUST
US20170103440 A1	Wearable augmented reality eyeglass communication device including mobile phone and mobile computing via virtual touch screen gesture control and neuron command	XING ZHOU TIAN, ...
WO2012104725 A2	Systems and methods for audio roaming for mobile devices, group information server among mobile devices, and defining group of users with mobile devices	TAKWAK
US20070035661 A1	Weather forecasting umbrella	AMBIENT DEVICES
WO2018122709 A1	Wearable augmented reality eyeglass communication device including mobile phone and mobile computing via virtual touch screen gesture control and neuron command	XING ZHOU, ...
WO2018127782 A1	Wearable augmented reality eyeglass communication device including mobile phone and mobile computing via virtual touch screen gesture control and neuron command	XING ZHOU, ...

Family 1/16 - FAMPAT - ©Questel

Title

(CN101847313B)

Empty nester long-distance monitoring method and long-distance monitoring instrument used thereby

Images**Publication data including kind & date**

CN101847313	A	2010-09-29	CN101847313
CN101847313	B	2011-10-05	CN101847313B

**Abstract**

(CN101847313B)

The invention discloses an empty nester long-distance monitoring instrument which comprises a 3D acceleration transducer (1), a PPG detector (2) and a control component (3), wherein the control component (3) comprises a central processing unit (308) and the like which are respectively connected with a power supply module (300), a filtering module (303) and an A/D conversion module (304) that are sequentially connected with the central processing unit (308), a signal amplification module (305) and a preposed processing module (306) that are sequentially connected with the central processing unit (308), as well as a monitoring instrument **GSM** module (313) and an interface circuit (312) that are sequentially connected with the central processing unit (308). The invention also discloses an empty nester long-distance monitoring method utilizing the long-distance monitoring instrument. The invention is convenient for use and can transmit the health condition of the user in time in an on-lineway.

Inventors

GU GAOSHENG

Latest standardized assignees - inventors removed

HAIYAN EASY SPORT PRODUCTS

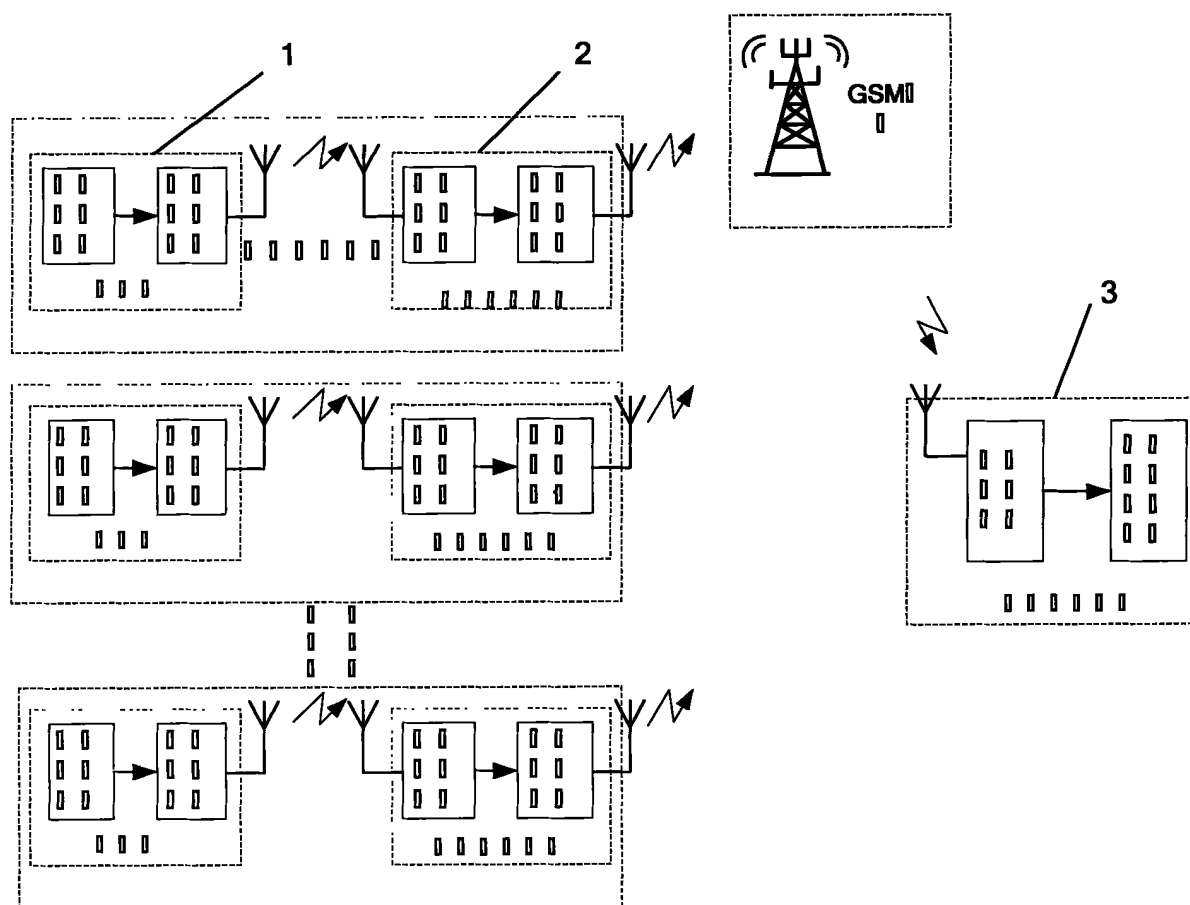
Family 2/16 - FAMPAT - ©Questel

Title

(CN201641995U)

Instantaneous heart rate detecting and monitoring system

Images



Publication data including kind & date

CN201641995

U

2010-11-24

CN201641995U



Abstract

(CN201641995U)

The utility model relates to an instantaneous heart rate detecting and monitoring system for monitoring the heart rates of sportsmen, military trainees, the unattended old and weak and the like. The instantaneous heart rate detecting and monitoring system comprises at least one heart rate collecting module, wherein every heart rate collection module is connected with a short-range transmitting module, the short-range transmitting module is in wireless communication connection with a long-range receiving module, the long-range receiving module is connected with a long-range transmitting module, the long-range transmitting module is connected with a long-range receiving module through a **GSM** network, and the long-range receiving module is connected with a heart rate data processing unit and processes the heart rate data received. The instantaneous heart rate detecting and monitoring system provided by the utility model has the advantages of simple structure and convenient use, is capable of on-site collection of the instantaneous heart rate of the person to be detected and long-range transmission through the **GSM** network, and is suitable for the training management of a sports team or an army as well as the long-range heart rate monitoring on a patient or a childless old person.

Inventors

WU ZHANAO

WANG GANG

WANG HONGJIN

Latest standardized assignees - inventors removed

NO 359 HOSPITAL PLA

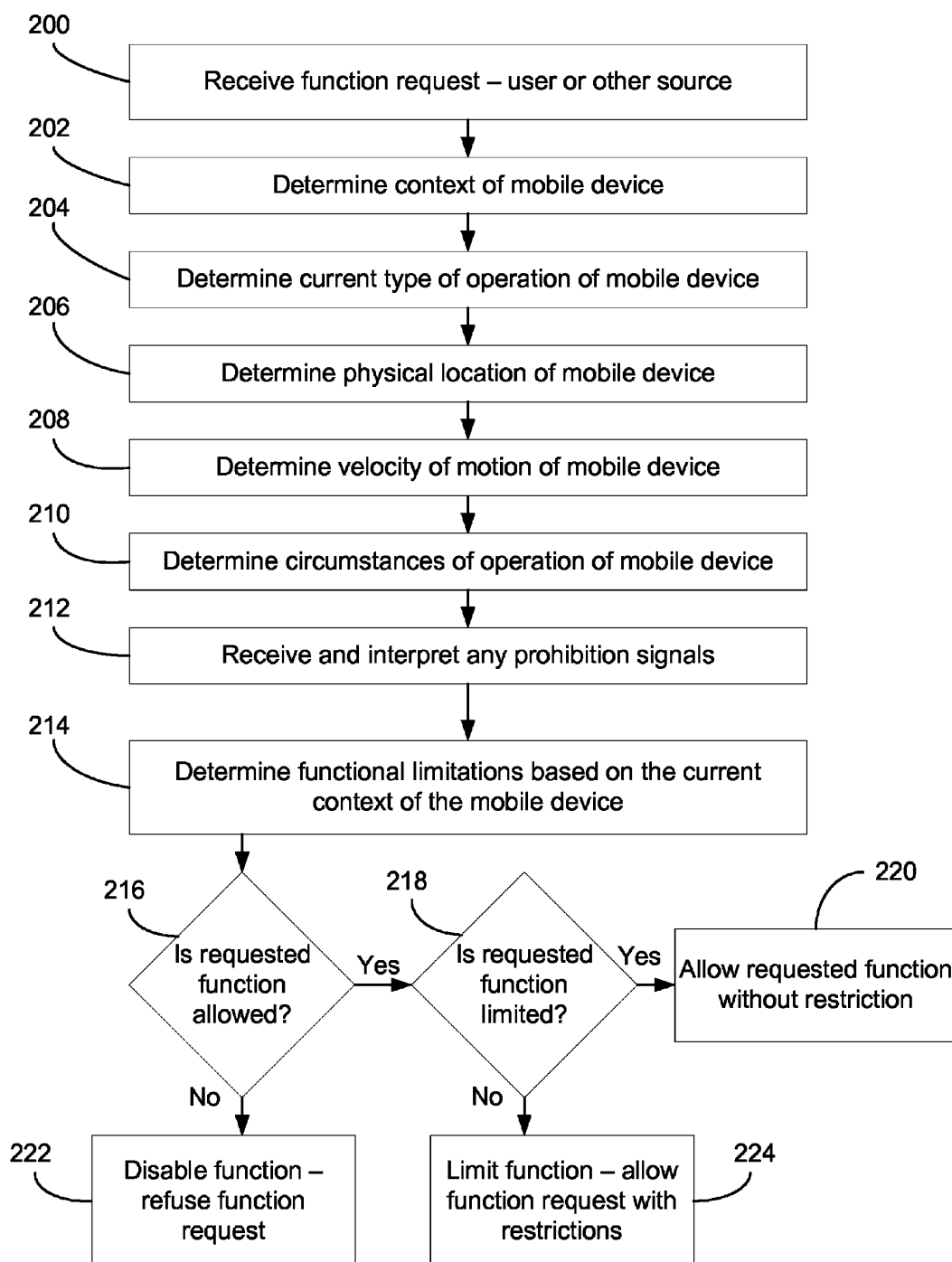
Family 3/16 - FAMPAT - ©Questel

Title

(EP3220180)

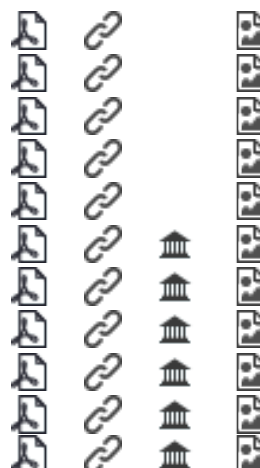
Camera applications in a handheld device

Images



Publication data including kind & date

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IN9853/DELNP/2015	A	2016-03-18	IN2015DN09853				
EP3012767	A1	2016-04-27	EP3012767				
EP3012768	A1	2016-04-27	EP3012768				
EP3012769	A1	2016-04-27	EP3012769				
US9330322	B2	2016-05-03	US9330322				
IN11188/DELNP/2015	A	2016-05-06	IN2015DN11188				
EP2443591	A4	2016-05-25	EP2443591				
IN11189/DELNP/2015	A	2016-05-27	IN2015DN11189				
TWI539787	B	2016-06-21	TWI539787				
CN102637090	B	2016-06-22	CN102637090B				
US9378501	B2	2016-06-28	US9378501				
IN8880/DELNP/2011	A	2016-08-31	IN2011DN08880				
IN8942/DELNP/2011	A	2016-08-31	IN2011DN08942				
TWI555374	B	2016-10-21	TWI555374				
BRPI1010869	A2	2016-11-01	BR201010869				
US20160370992	A1	2016-12-22	US20160370992				
CN101925034	B	2017-04-12	CN101925034B				
IN201618042316	A	2017-04-21	IN201618042316				
EP3176687	A1	2017-06-07	EP3176687				
US9690480	B2	2017-06-27	US9690480				
US20170235482	A1	2017-08-17	US20170235482				
IN201718014822	A	2017-09-15	IN201718014822				
CN107181897	A	2017-09-19	CN107181897				
EP3220180	A1	2017-09-20	EP3220180				
CN102637110	B	2017-09-22	CN102637110B				
US9778842	B2	2017-10-03	US9778842				
US9851897	B2	2017-12-26	US9851897				
EP2443532	B1	2018-01-24	EP2443532				
BRPI1011670	A2	2018-07-17	BRPI1011670				
BRPI1009734	A2	2018-07-17	BRPI1009734				
BRPI0924540	A2	2018-07-17	BRPI0924540				
BRPI0924561	A2	2018-09-04	BRPI0924561				

Abstract

(EP3220180)

A hand held device containing at least one camera can perform various functions. In some embodiments, digitized images taken with two or more camera lenses having different fixed focal lengths may be combined to emulate a high-resolution optical zoom, and may also permit the device to perform 3D applications. In other embodiments, a device containing a camera may perform as a bar code reader, and may wirelessly transmit and/or visually present a bar code to other devices. Movable optics may permit the same camera to focus on either distant objects or on a close-up bar code.

Inventors

FERREN BRAN

NISHIHARA KEITH H

Latest standardized assignees - inventors removed

INTEL

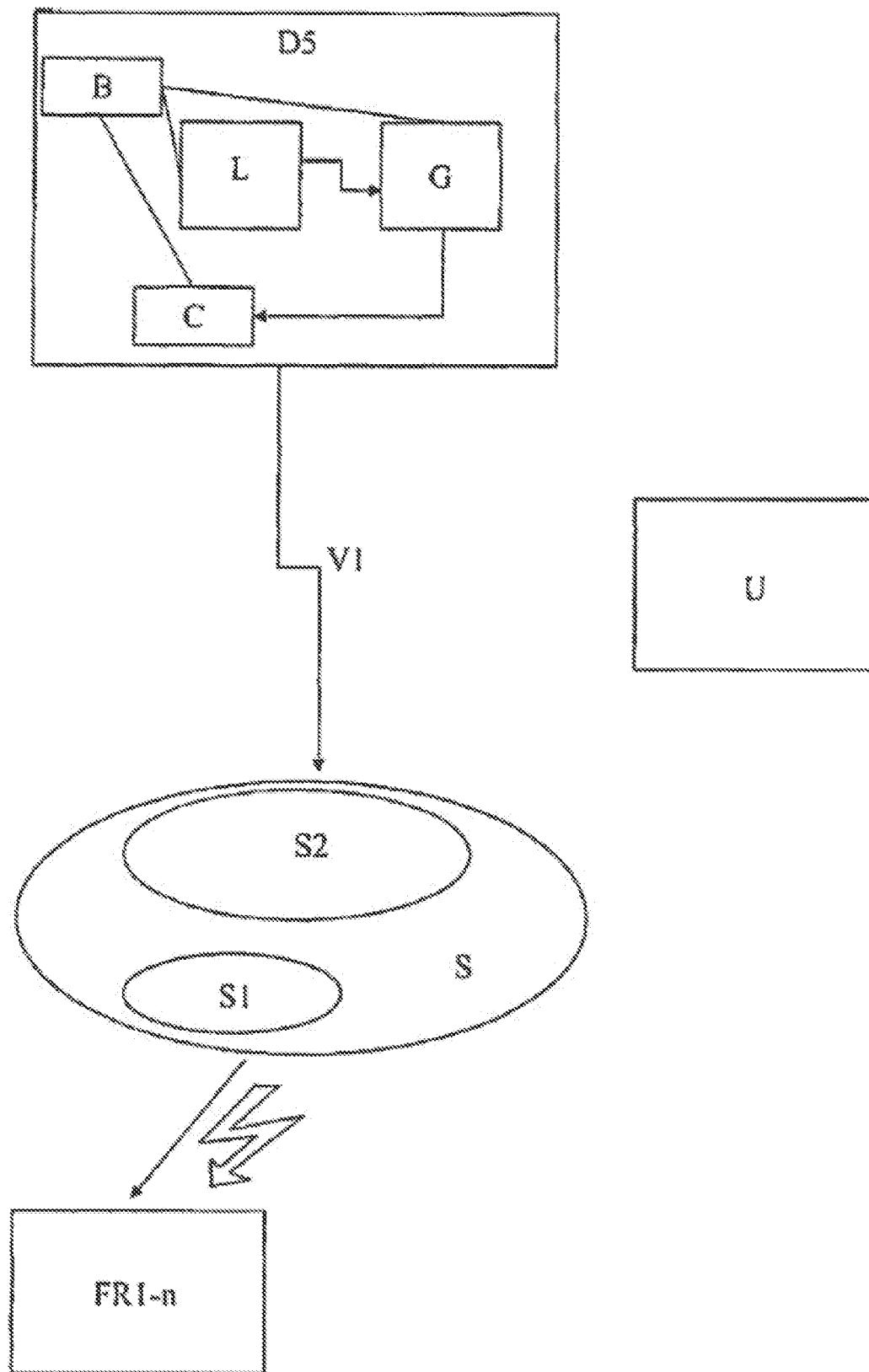
Family 4/16 - FAMPAT - ©Questel

Title

(EP3326160)

Alarm system

Images



Publication data including kind & date

DE202015005019	U1	2016-12-01	DE202015005019
WO2017013064	A1	2017-01-26	WO201713064
CN107924599	A	2018-04-17	CN107924599
MX2018000752	A	2018-04-20	MX2018000752



BR112018000885	A1	2018-05-22	BR112018000885				
EP3326160	A1	2018-05-30	EP3326160				
US20180204446	A1	2018-07-19	US20180204446				
BR112018000885	A2	2018-09-11	BR112018000885				
JP2018530083	A	2018-10-11	JP2018530083				

Abstract

(EP3326160)

The invention relates to an alarm system comprising at least one sensor device and a remote server; wherein the sensor unit comprises at least one sensor which provides sensor data; and a transmission module which is adapted to transmit the sensor data autonomously and directly to the remote server, wherein the sensor data are first evaluated in the server and the server triggers an alarm if the sensor data exceed a first predetermined threshold value.

Inventors

KING RUDOLF

Latest standardized assignees - inventors removed

KING RUDOLF

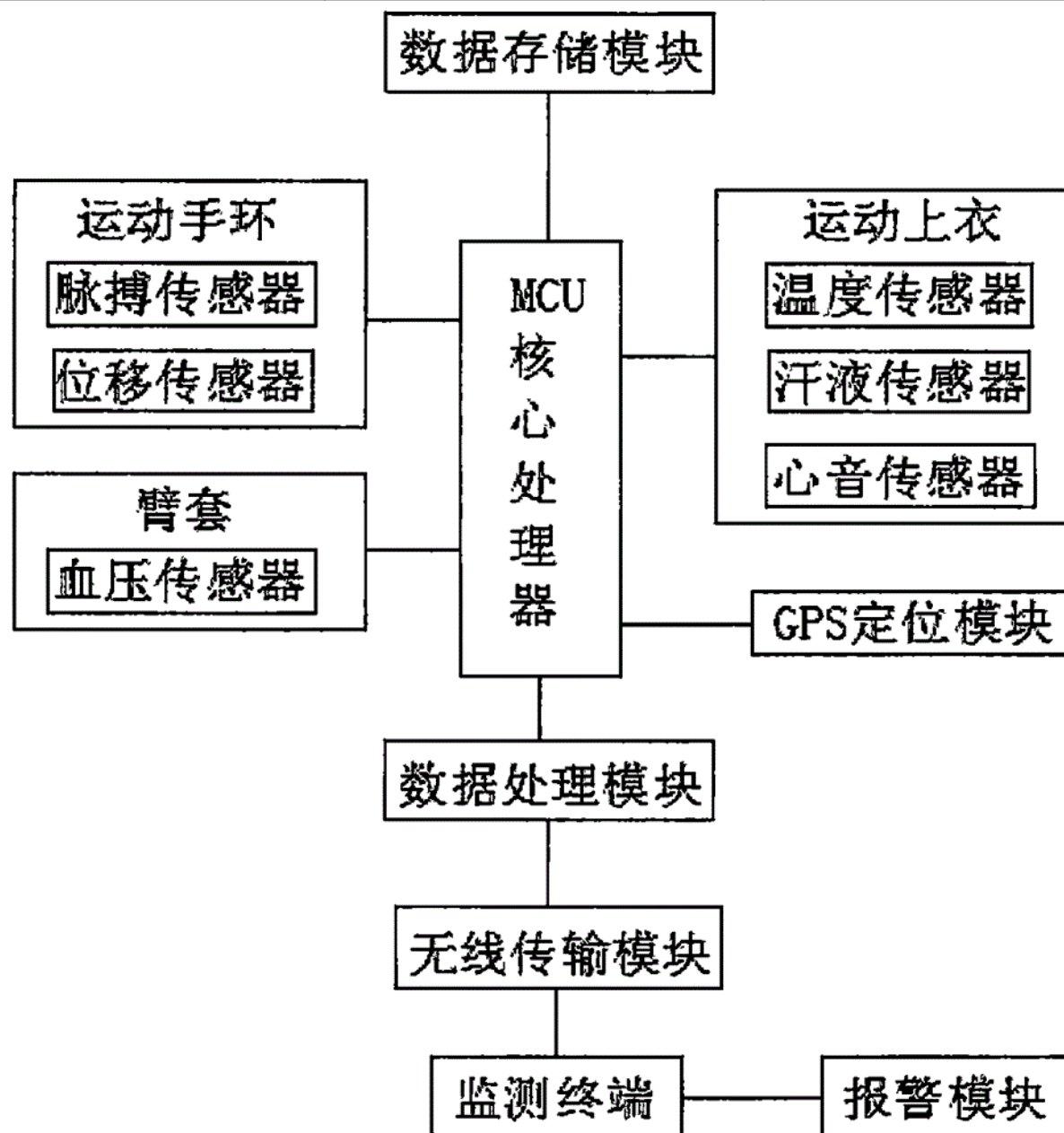
Family 5/16 - FAMPAT - ©Questel

Title

(CN106473719)

Intelligent physical-activity monitoring system

Images



Publication data including kind & date

CN106473719

A

2017-03-08

CN106473719



Abstract

(CN106473719)

The invention discloses an intelligent physical-activity monitoring system. The intelligent physical-activity monitoring system comprises an MCU core processor, a sport coat, a sport bracelet and an arm sleeve. A heart sound sensor is arranged on the chest of the sport coat and electrically connected with the MCU core processor, the sport coat is provided with a temperature sensor and a sweat sensor, the sport bracelet comprises a pulse sensor and a displacement sensor, a blood pressure sensor is arranged on the arm sleeve, the MCU core processor is connected with a data memory module, connected with a data processing module and connected with a monitoring terminal through a wireless transmission module, and a warning module is arranged on the monitoring terminal. The intelligent physical-activity monitoring system is simple in structure, convenient to wear and suitable for all crowds, detected items are full, the accuracy and the comprehensiveness of collected data are improved, and the conditions of physical activities of athletes can be well monitored.

Inventors

HUA LIPING

Latest standardized assignees - inventors removed

TAISHAN MEDICAL UNIVERSITY

Family 6/16 - FAMPAT - ©Questel

Title

(IN201621034040)

A color - coded bracelet modelling system

Publication data including kind & date

[IN201621034040](#)

A

2018-04-06

IN201621034040



Abstract

(IN201621034040)

Present invention provides specially a device for monitoring the athletes' heart rate. A bracelet with 3 LED's is designed as a wrist heart rate monitor. In the sports field, the Bracelet is used to find the heart rate (because the range of heart rate should be compatible with the exercise done by an athlete to get an optimum exercise) and also to find people who take drugs. The heart beat sensor in the bracelet is used to find the heart beat level, pressure sensor is to check the blood pressure level and drug detection sensor is to detect drug consumption and temperature sensor to sense temperature of the human body. The sensor output is processed by the controller and received by the receiver through **GSM** module. The range of **GSM** module is relatively high so we are going to use this module for long distance purpose. The processing software is a user friendly, and it provides data acquisition, monitoring and recording. And hence the software displays the heartbeat, pressure, body temperature and the intake of drug level. This will be very helpful for athletes and coaches to monitor the fitness level of athletes and regulate their exercise training regime in a more effective and safer manner. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the block diagram and Figure 2 of sheet 2 showing the sequence diagram of the system.

Inventors

Nikose Prof M D

Kshatriya Pooja V

Malpure Kalyani R

Nagare Shital S

Latest standardized assignees - inventors removed

SANDIP FOUNDATION'S SANDIP INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE

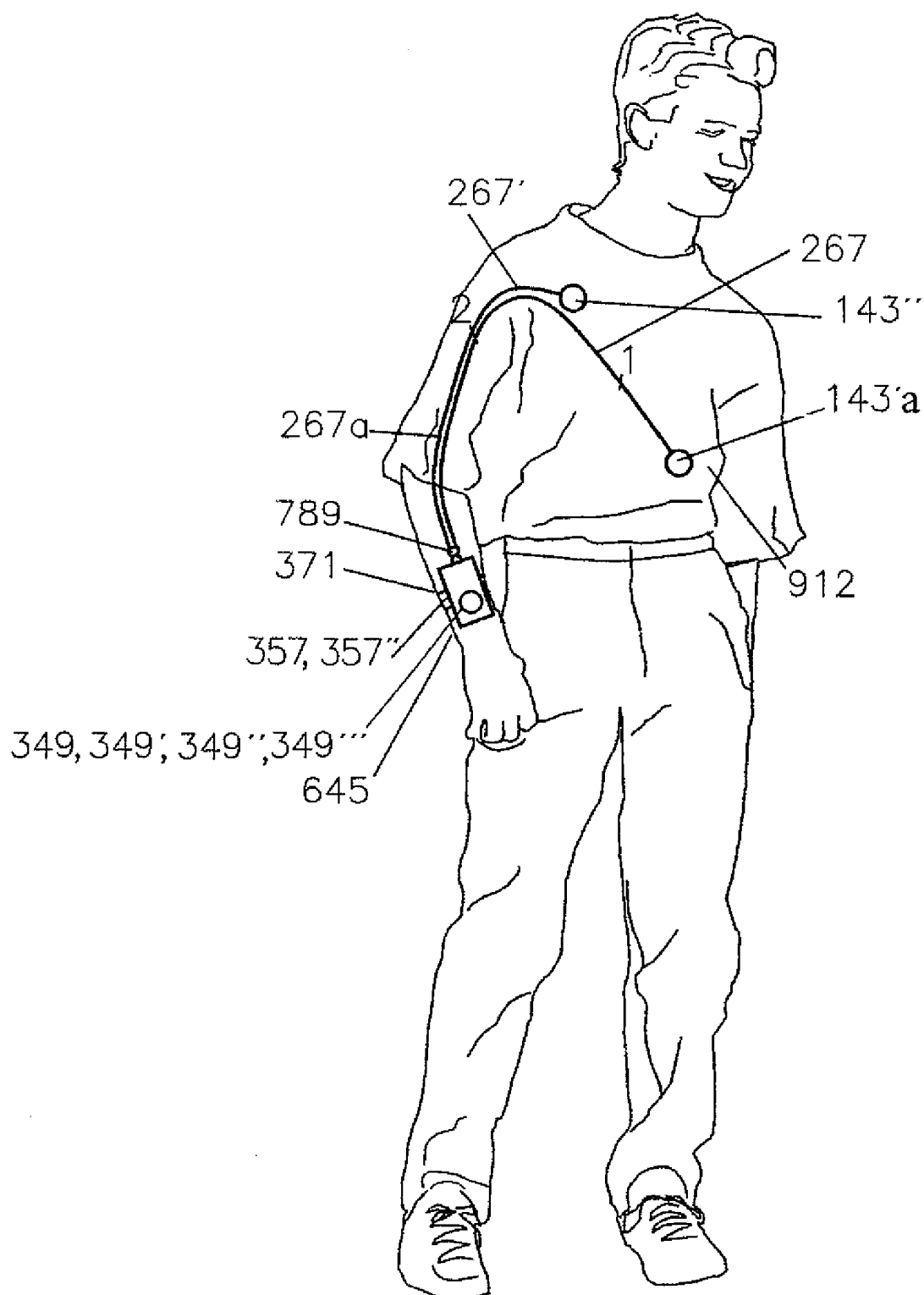
Family 7/16 - FAMPAT - ©Questel

Title

(CN108184017)

Smartphone for early warning and prevention of cancers and cardiovascular diseases

Images



Publication data including kind & date

WO2014206382	A1	2014-12-31	WO2014206382
CN105491940	A	2016-04-13	CN105491940
US20160150958	A1	2016-06-02	US20160150958
EP3038516	A1	2016-07-06	EP3038516



Abstract

(EP3038516)

Live holter allowing local or distant monitoring of sensed, processed and displayed heart signals, curves of ECG, heart rate, arrhythmia and its limits by monitored person or nursing specialist or staff.

Inventors

KRANZ VLADIMIR

Latest standardized assignees - inventors removed

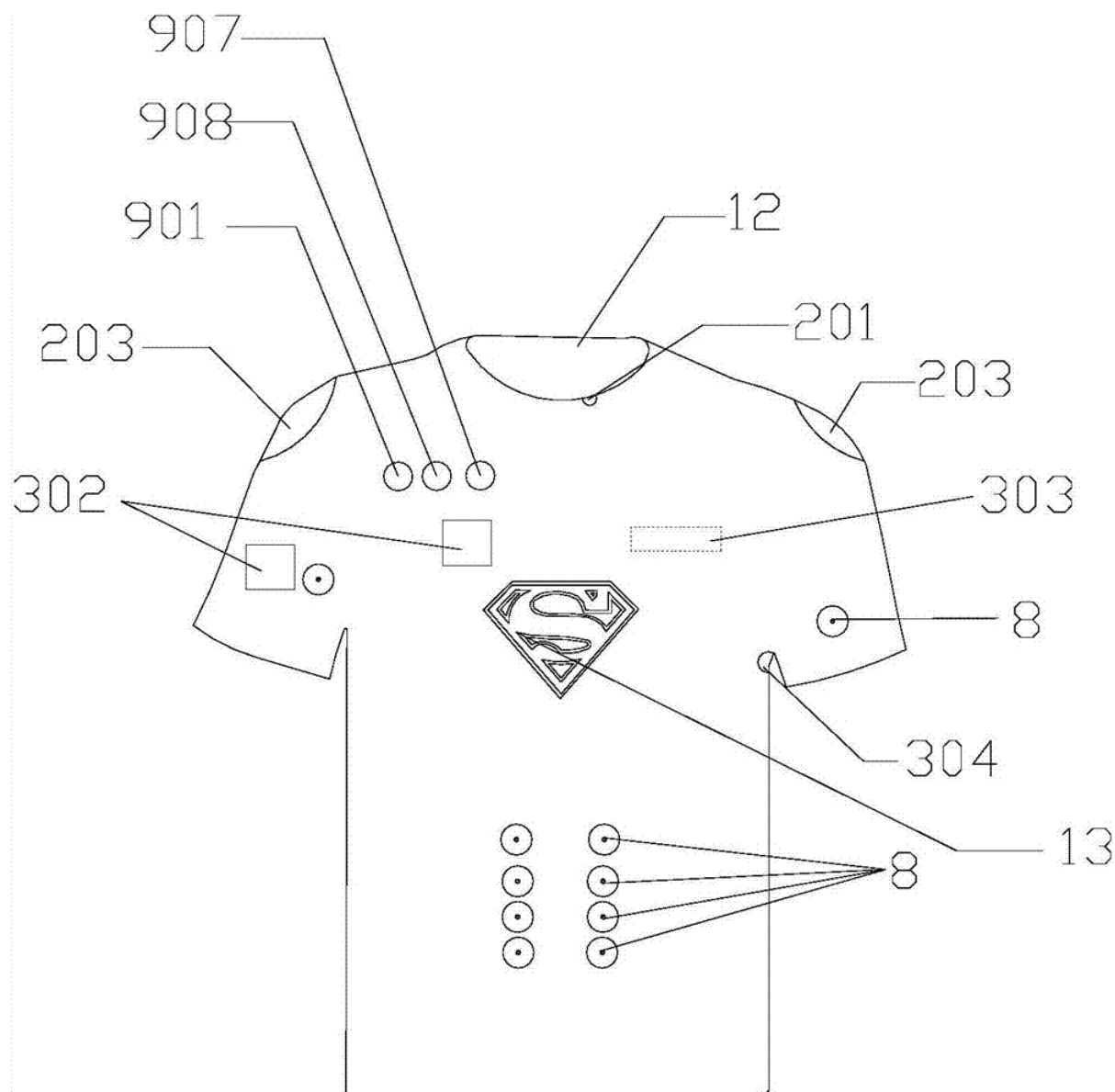
FELICI MILK

Family 9/16 - FAMPAT - ©Questel

Title

(CN206949578U)

Intelligent clothing

Images**Publication data including kind & date**[CN206949578](#)

U

2018-02-02

CN206949578U

**Abstract**

(CN206949578U)

The utility model belongs to the technical field of the clothing, a intelligent clothing is disclosed, including the clothes body, be provided with the treater above that, this treater links to each other with information acquisition module, champignon module, vibration module, button module, memory, voice module, NFC module, **GSM** module and power module, information acquisition module is used forgathering human muscle fatigue degree, rhythm of the heart, temperature and attitude information, the memory is used for the processing data of store may reason ware, the button module is used for setting up intelligent clothing's mode, vibration module is used for alleviating muscle fatigue, the champignon module is

used for controlling the degree of volatilizing of champignon, the NFC module is used for realizing wireless communication closely, the **GSM** module is used for the communication between realization and the intelligent movement end, voice module is used for realizing and the speechcommunication and the music of intelligent movement end are play, the button module is used for the happy broadcast of pilot tone, volume size and quick dialing. The utility model discloses small in size has stronger portability and aesthetic property.

Inventors

GONG BOHUI

YUAN RONG

LI MENG

Latest standardized assignees - inventors removed

SHANGHAI UNIVERSITY OF ENGINEERING SCIENCE

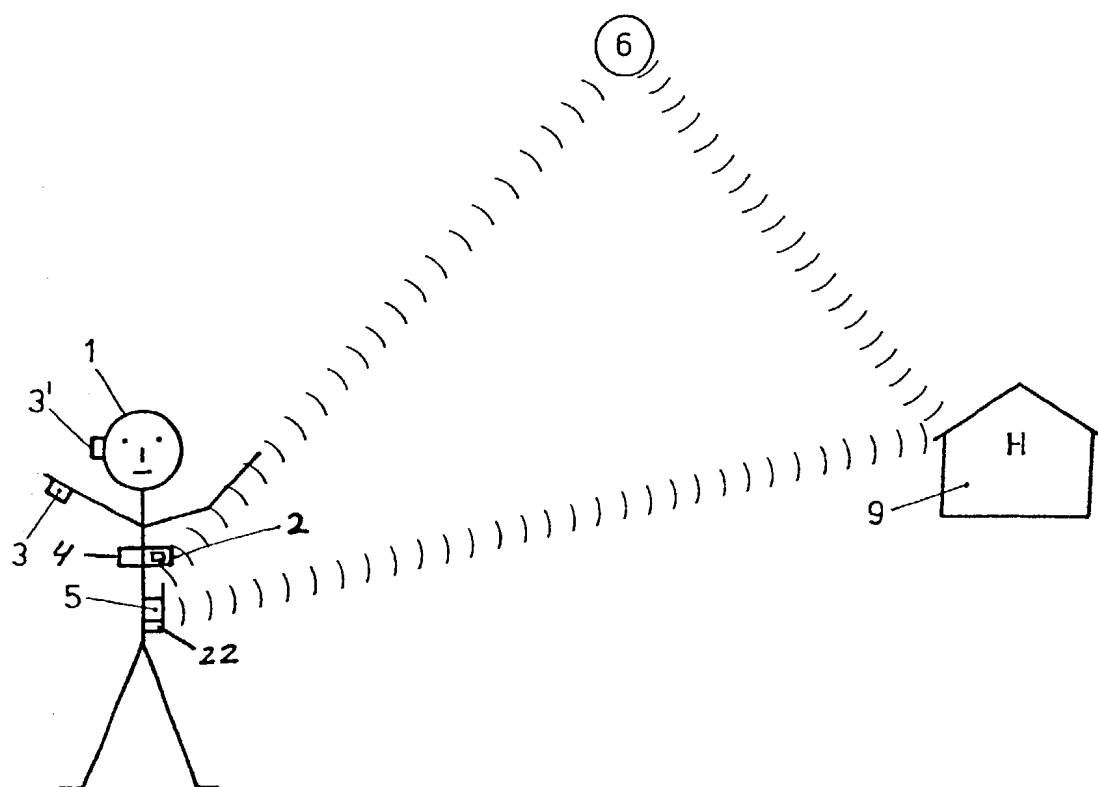
Family 10/16 - FAMPAT - ©Questel

Title

(EP1545301)

Configuration for monitoring the state of health of a person

Images



Publication data including kind & date

US20040059205	A1	2004-03-25	US20040059205
WO2004026126	A1	2004-04-01	WO200426126
CA2493527	A1	2004-04-01	CA2493527
AU2003254690	A1	2004-04-08	AU2003254690
EP1545301	A1	2005-06-29	EP1545301
RU2005111760	A	2005-09-20	RU2005111760
CN1681433	A	2005-10-12	CN1681433
JP2005538784	A	2005-12-22	JP2005538784
IN0667/KOLNP/2005	A	2006-05-12	IN2005KN00667
IN235593	B	2009-07-10	IN-235593



Abstract

(EP1545301)

For the acquisition and/or monitoring of medically relevant data, in particular of the state of the cardiovascular system, of blood properties as well as electrocardiographic data of a person, for example with cardiovascular disorders or disorders of other organs, a configuration is proposed, which comprises: at least one measuring sensor (3, 3') for the acquisition of the circulatory state of the person (1); at least one electrode configuration (2) for the continuous registration and monitoring of the electrocardiographic data of the person; and an ECG measuring system (2), respectively electrodes, for the registration of an ECG in a chest belt (4), as well as additionally an evaluation unit for the detection of irregularities of the data acquired by the measuring sensor or the ECG measuring system; a sending and receiving device (5) for voice and/or data in order to address a third party (9) and to transmit data to this third party; as well as - a positioning system, by means of which the location of the person is transmitted to the third party.

Inventors

CARLSON SVEN-ERIK

ZUEND GREGOR

Latest standardized assignees - inventors removed

CARDIOSAFE INTERNATIONAL

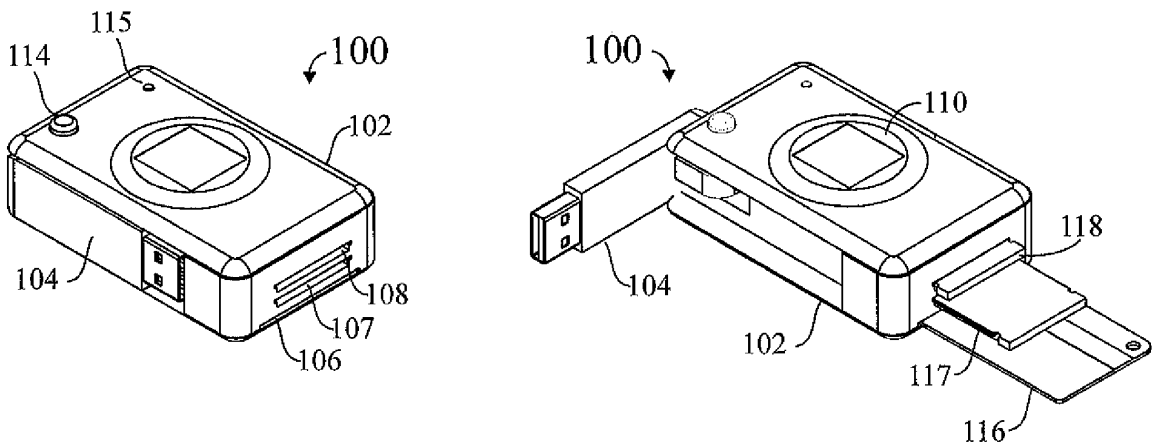
Family 11/16 - FAMPAT - ©Questel

Title

(EP1883892)

Rfid reader with multiple interfaces

Images



Publication data including kind & date

US20060206582	A1	2006-09-14	US20060206582
US20060208066	A1	2006-09-21	US20060208066
US20060219776	A1	2006-10-05	US20060219776
WO2007057786	A2	2007-05-24	WO200757786
WO2007060547	A2	2007-05-31	WO200760547
WO2007060547	A3	2007-10-04	WO200760547
WO2007057786	A3	2007-10-04	WO200757786
US20080014867	A1	2008-01-17	US20080014867
EP1883892	A2	2008-02-06	EP1883892
US7597250	B2	2009-10-06	US7597250
US7748636	B2	2010-07-06	US7748636
US7762470	B2	2010-07-27	US7762470



Abstract

(EP1883892)

A pocket-size RFID reader apparatus (100, 150) having a contactless interface (212) and a slot (106) for insertion of a contactless smart card fob (116, 166), and having a biometric sensor (110), thereby providing two levels of personalization. The apparatus may have a wireless interface (218); and a slot (107) for insertion of a wireless SD I/O device (117, 167). The apparatus may have a slot (108) for insertion of an external memory device (118). The apparatus may have a mechanical connection (contact) interface (104). The apparatus may also have an RF interface (234) for reading an electronic immobilizer (134) within the apparatus.

Inventors

FINN DAVID

Latest standardized assignees - inventors removed

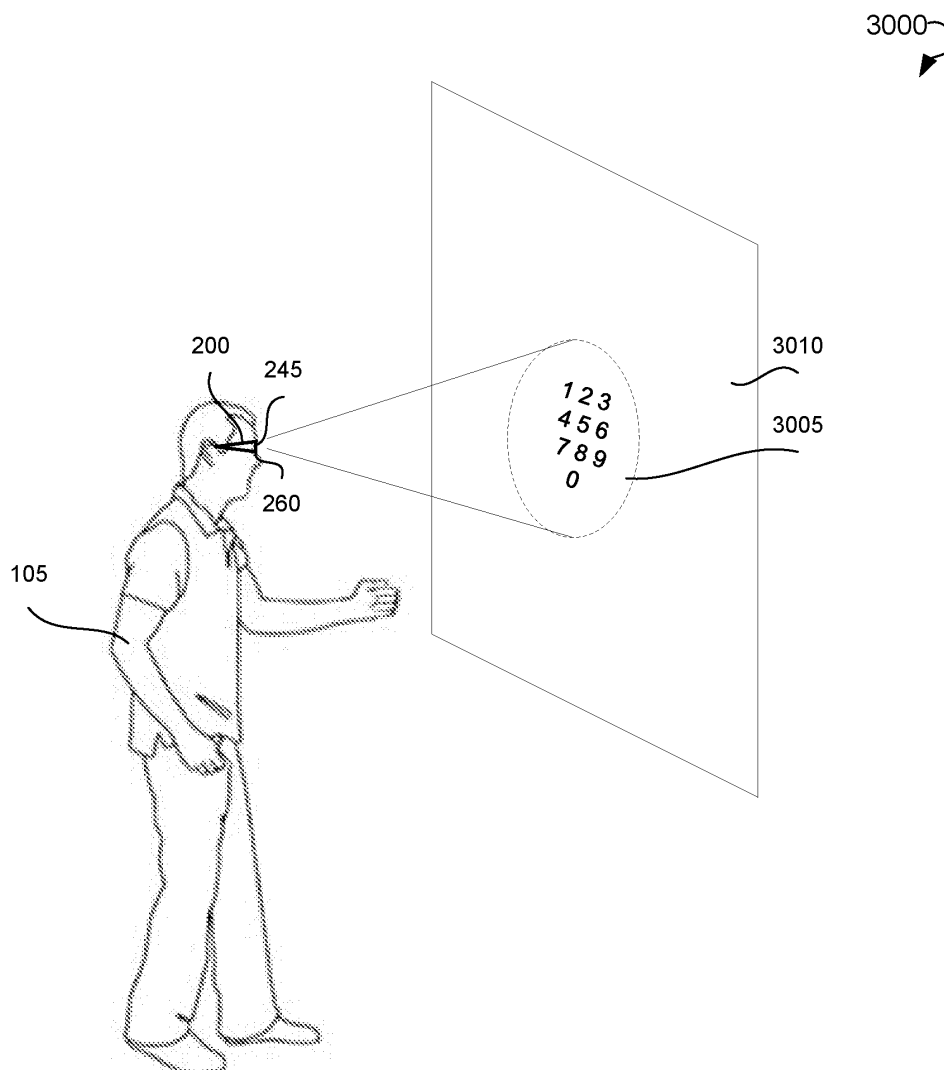
DPD PATENT TRUST

Family 12/16 - FAMPAT - ©Questel

Title

(US20170115742)

Wearable augmented reality eyeglass communication device including mobile phone and mobile computing via virtual touch screen gesture control and neuron command

Images

[US20170103440](#)

A1 2017-04-13 US20170103440

[US20170115742](#)

A1 2017-04-27 US20170115742

**Abstract**

(US20170115742)

Provided are an augmented reality, virtual reality and mixed reality eyeglass communication device method via eye movement tracking and gestures. The eyeglass communication device may comprise an eyeglass frame, and a right earpiece and a left earpiece connected to the frame. The eyeglass communication device may comprise a processor configured to receive one or more commands of a user, perform operations associated with the commands of the user, receive product information, and process the product information. The eyeglass communication device may comprise a display connected to the frame and configured to display data received from the processor. The eyeglass communication device may comprise a transceiver electrically connected to the processor and configured to receive and transmit data over a wireless network. The eyeglass communication device may comprise a Subscriber Identification Module card slot, an eye tracker, a camera, an earphone, a microphone, and a charging unit.

Inventors

XING ZHOU TIAN

ZHOU DYLAN T X

ZHOU TIGER T G

ZHOU ANDREW H B

Latest standardized assignees - inventors removed

XING ZHOU TIAN

ZHOU DYLAN T X

ZHOU TIGER T G

ZHOU ANDREW

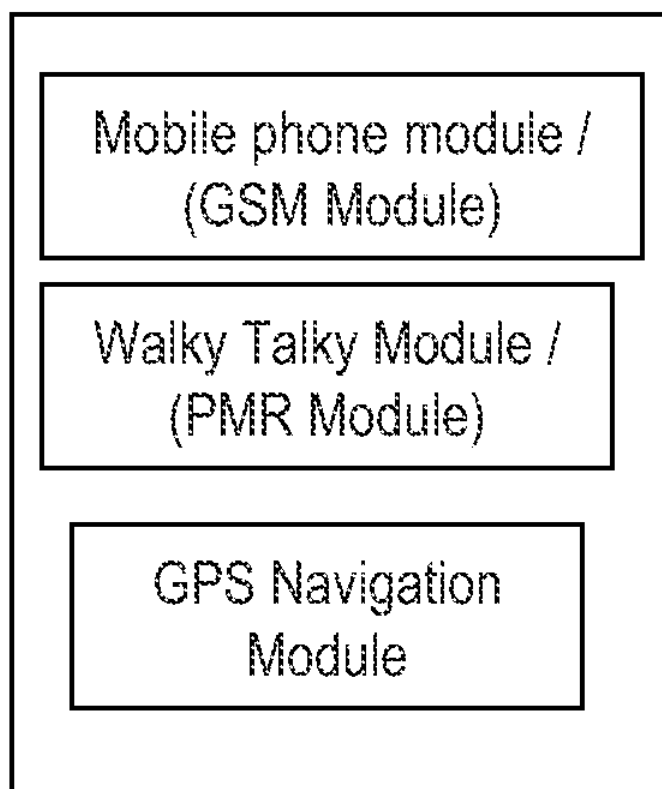
Family 13/16 - FAMPAT - ©Questel

Title

(EP2671406)

Systems and methods for audio roaming for mobile devices, group information server among mobile devices, and defining group of users with mobile devices

Images



Multifunction mobile device 100

Fig. 1A

Publication data including kind & date

WO2012104725	A2	2012-08-09	WO2012104725
WO2012104725	A3	2012-11-01	WO2012104725
EP2671406	A2	2013-12-11	EP2671406
CN103688572	A	2014-03-26	CN103688572



Abstract

(EP2671406)

The present solution is directed to a system for seamlessly communicating among a plurality of mobile devices comprising a private mobile radio module. The system includes a plurality of mobile devices establishing a group. Each of the plurality of mobile devices comprises a cellular communications module and a private mobile radio module to communicate with other mobile devices in the group using private radio communications. A mobile device of the group in audio communications with

one or more mobile devices of the group using private radio communications via the private mobile radio module. A roaming manager of each of the plurality of mobile devices determines that the mobile device is no longer in communication via the private mobile radio module and responsive to the roaming manager, the private mobile radio module is deactivated and the cellular communications module is activated. Each of the plurality of mobile devices of the group establishes a connection with the server using their cellular communications module, the server providing audio communications for the group.

Inventors

MIRBAHA RAMIN

MIRBAHA VAHID

Latest standardized assignees - inventors removed

TAKWAK

Family 14/16 - FAMPAT - ©Questel

Title

(US20070256716)

Weather forecasting umbrella

Images

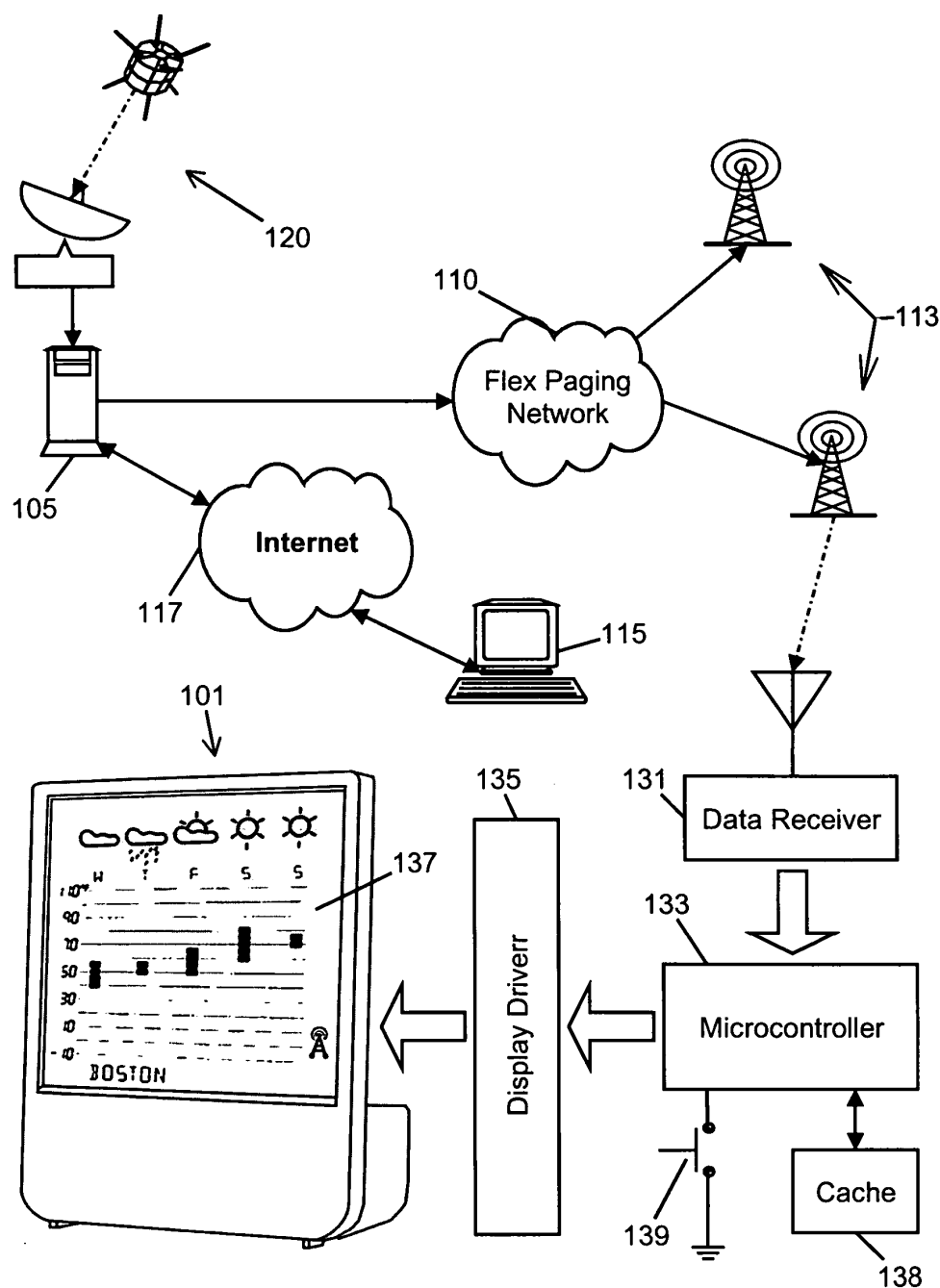


Fig.1

Publication data including kind & date

US20070035661	A1	2007-02-15	US20070035661
US20070143679	A1	2007-06-21	US20070143679
US20070250597	A1	2007-10-25	US20070250597
US20070256716	A1	2007-11-08	US20070256716

**Abstract**

(US20070256716)

A weather forecasting umbrella includes a display device in the umbrella's handle that provides a visual indication of the day's weather, such as the probability of precipitation. The display device may take the form of one or more lamps that emit a color, or flash at a varying rate, to indicate forecast weather conditions. The weather forecast that is displayed is preferably obtained using a wireless receiver built into the umbrella that receives data via a wireless paging or cell broadcast network. A display screen may be used to display forecasted information in more detail, including the likelihood of precipitation and/or the forecast high and low temperature for the day.

Inventors

RESNER BENJAMIN I

GANDHI PRITESH V

NEGROPONTE NICHOLAS

DREDGE ROBERT

ROSE DAVID L

Latest standardized assignees - inventors removed

AMBIENT DEVICES

Family 15/16 - FAMPAT - ©Questel

Title

(WO2018122709)

Wearable augmented reality eyeglass communication device including mobile phone and mobile computing via virtual touch screen gesture control and neuron command

Images

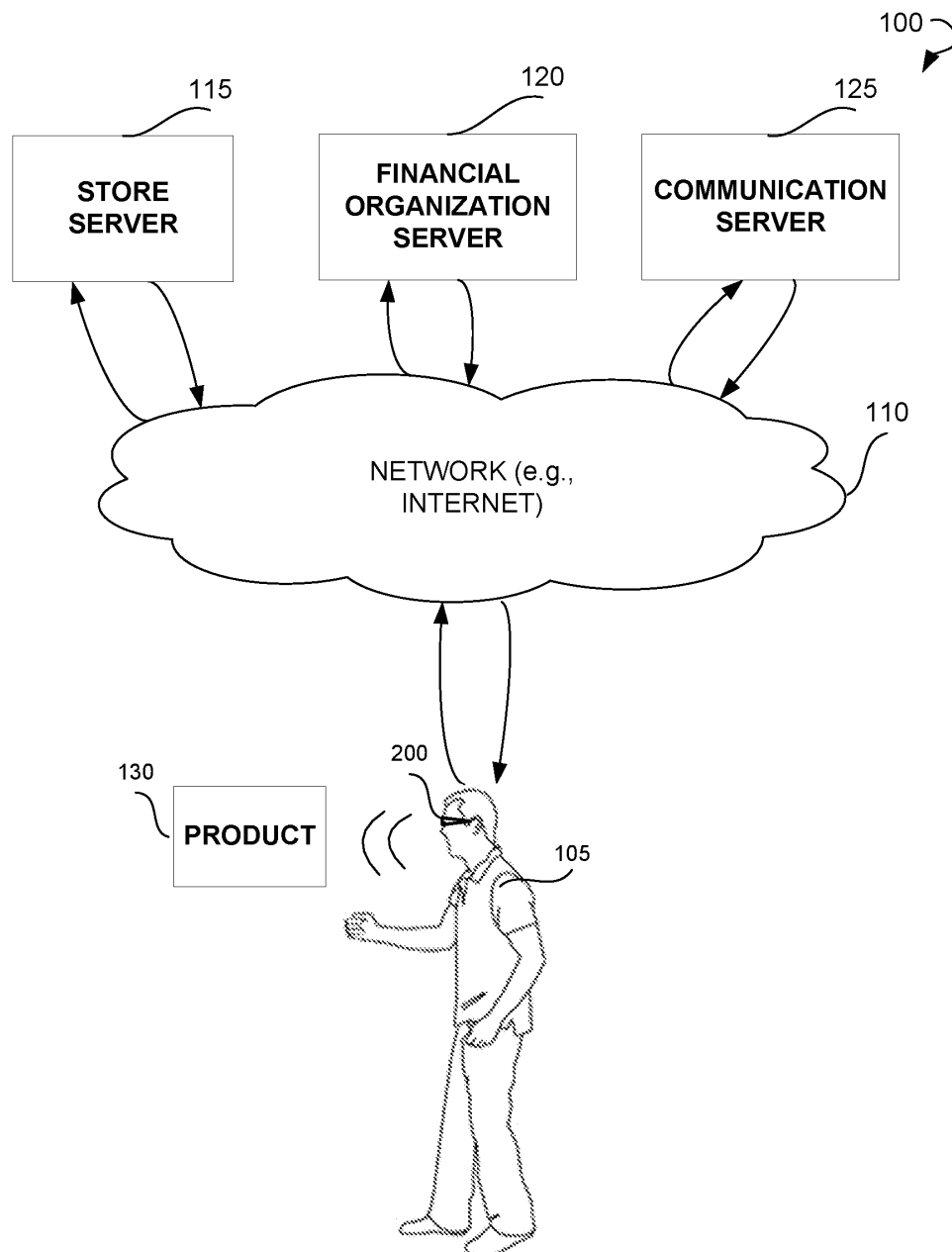


FIG. 1

Publication data including kind & date

WO2018122709

A1 2018-07-05 WO2018122709

**Abstract**

(WO2018122709)

Provided are an augmented reality, virtual reality and mixed reality eyeglass communication device and a method for facilitating shopping, payments and multimedia capture using an eyeglass communication device. The eyeglass communication device may comprise a frame, and a right earpiece and a left earpiece connected to the frame. The eyeglass communication device may comprise a processor configured to receive one or more commands of a user, perform operations associated with the commands of the user, receive product information, and process the product information. The eyeglass communication device may comprise a display connected to the frame and configured to display data received from the processor. The eyeglass communication device may comprise a transceiver electrically connected to the processor and configured to receive and transmit data over a wireless network. The eyeglass communication device may comprise a Subscriber Identification Module card slot, a camera, an earphone, a microphone, and a charging unit.

Inventors

XING ZHOU

ZHOU DYLAN

ZHOU TIGER

ZHOU ANDREW

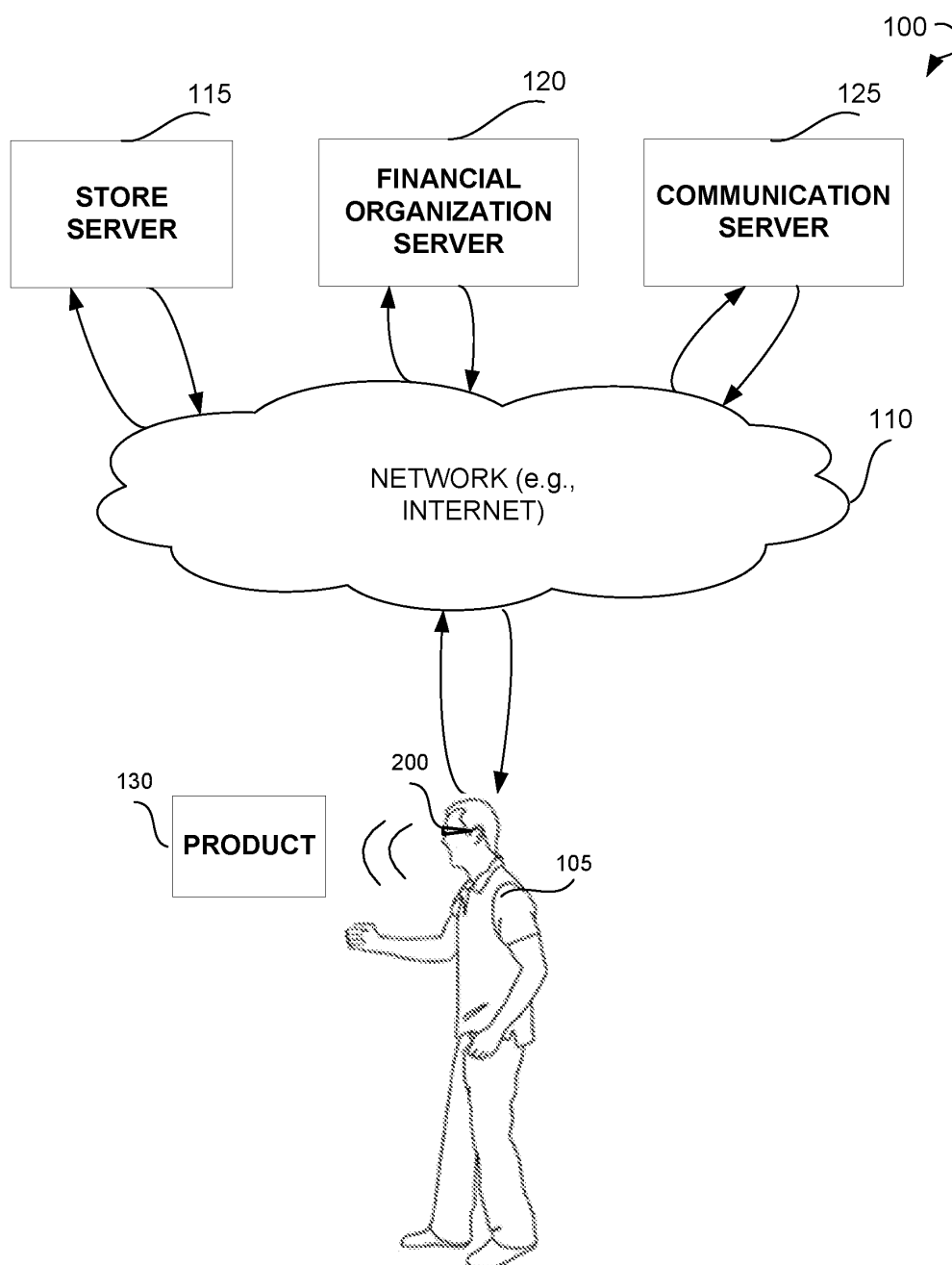
Family 16/16 - FAMPAT - ©Questel

Title

(WO2018127782)

Wearable augmented reality eyeglass communication device including mobile phone and mobile computing via virtual touch screen gesture control and neuron command

Images

**FIG. 1****Publication data including kind & date**[WO2018127782](#)

A1 2018-07-12

WO2018127782

**Abstract**

(WO2018127782)

Provided are an augmented reality, virtual reality and mixed reality eyeglass communication device method via eye movement tracking and gestures. The eyeglass communication device may comprise an eyeglass frame, and a right earpiece and a left earpiece connected to the frame. The eyeglass communication device may comprise a processor configured to receive one or more commands of a user, perform operations associated with the commands of the user, receive product information, and process the product information. The eyeglass communication device may comprise a

display connected to the frame and configured to display data received from the processor. The eyeglass communication device may comprise a transceiver electrically connected to the processor and configured to receive and transmit data over a wireless network. The eyeglass communication device may comprise a Subscriber Identification Module card slot, an eye tracker, a camera, an earphone, a microphone, and a charging unit.

Inventors

XING ZHOU

ZHOU DYLAN

ZHOU TIGER

ZHOU ANDREW