

20 Documents

Publication numbers	Title	Current assignees
WO9702167 A1	Traffic/transportation system	HIROYUKI MINAKAMI
KR101541372 B1	One-touch warning triangle	BRINGYOU
WO201672580 A1	One-touch triangular emergency warning sign	BRINGYOU
TWM540768 U	Mobile warning light and outer box thereof	PAN, WEI-JIANG
WO201943446 A1	A method and apparatus for collecting and using sensor data from a vehicle	NNG SOFTWARE DEVELOPMENT & COMMERCIAL
US20190308663 A1	Trailer backup assist curvature control	FORD GLOBAL TECHNOLOGIES
EP2558776 A2	Front illumination device comprising a film-based lightguide	FLEX LIGHTING II
DE3812361 A1	Safety wheel chock of smaller dimension for motor trucks and passenger vehicles	ROSSMANN VIKTOR
US20150309562 A1	In-vehicle use in head worn computing	OSTERHOUT
US20140300463 A1	Multiple Color Hazard Warning/Signaling Device for Trailing End of Trunk Lid	RUSS DEREK TERRELL
EP3164861 A1	Authentication systems and methods for detecting unauthorized uav activity	SZ DJI TECHNOLOGY
EP3474797 A1	Hearing protector with positional and sound monitoring sensors for proactive sound hazard avoidance	3M
EP3114692 A1	Photovoltaic power generation systems and methods regarding same	BRILLIANT LIGHT POWER
US20120212484 A1	System and method for display content placement using distance and location information	MICROSOFT TECHNOLOGY LICENSING
EP3236669 A1	Cartilage conduction hearing device using electromagnetic-type vibration unit, and electromagnetic-type vibration unit	FINEWELL
KR20150116145 A	Safety tripod apparatus for vehicle	LEE, SEO-YOUNG
EP1292217 A2	System for monitoring health, wellness and fitness	SILVER LAKE WATERMAN FUND SUCCESSOR AGENT, ...
KR20140005836 A	Public waters reclamation device having peace retained construction machine	LEE, WOO SUNG
EP1620763 A2	Vehicular rearview mirror	GENTEX
JP2015167470 A	Foundation-managed future agriculture, fishery and forestry integrated small to medium enterprise system	HANNO KAZUO

Family 1/20 - FAMPAT - ©Questel

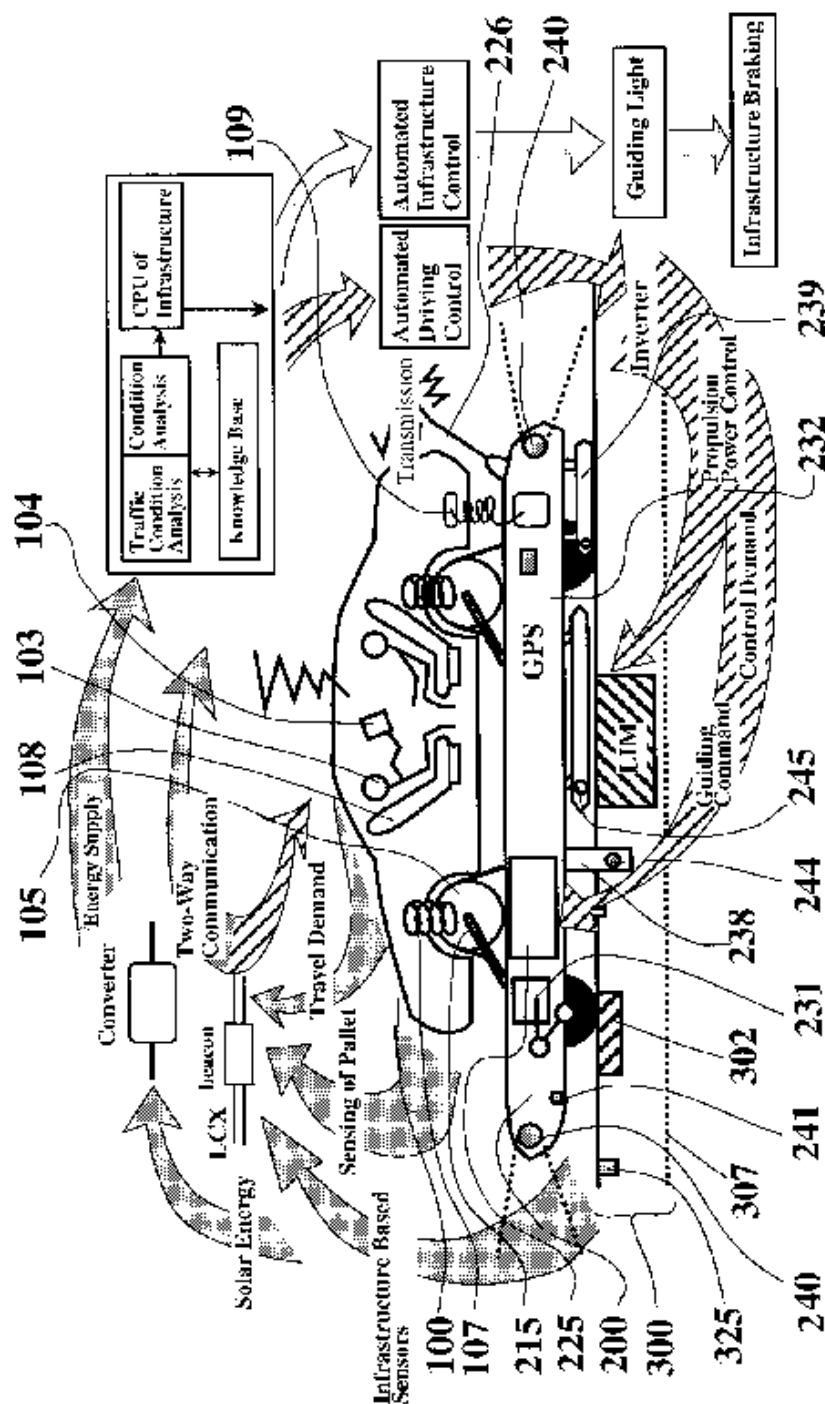
Title

(WO9702167)

Traffic/transportation system

Images

Fig. 1



Publication numbers with kind code & date

US6129025	A	2000-10-10	US6129025
AU2898795	A	1997-02-05	AU9528987
WO97/02167	A1	1997-01-23	WO9702167

Abstract

(WO97/02167)



In a traffic/transportation system in which a truck with an automobile/container mounted/fixed thereon travels, a normal steering operation is carried out by changing the direction of wheels (including tires) by an electronically controlled automatic steering system on the basis of steering information, whereby comfortable travel and a smooth turn are obtained. When the truck is about to run off a lane on which it travels, the run-off thereof is prevented physically and mechanically since a fin provided on the truck is inserted in a groove provided in a road, whereby a safe traffic/transportation system is obtained. The truck obtains a driving force by a gap length regulated/controlled linear induction motor so that the truck can travel at a high speed. In branching (diverging) and converging points, the branching (diverging)/converging of the trucks is practiced by steering the wheels (tires) by the automatic steering system, and the truck advances with the fin inserted in a groove in a main line or a ramp, whereby a reliable, safe traffic/transportation system adapted to practice high-speed branching (diverging) is obtained. At the exit/entrance of the present invention to/from a general road, a mode interchange is provided which is adapted to convert a travelling mode of automobile/container, and mount and fix an automobile/container on the truck and unfasten such automobile/container.

Inventors

MINAKAMI HIROYUKI

MINAKAMI MOTOYUKI

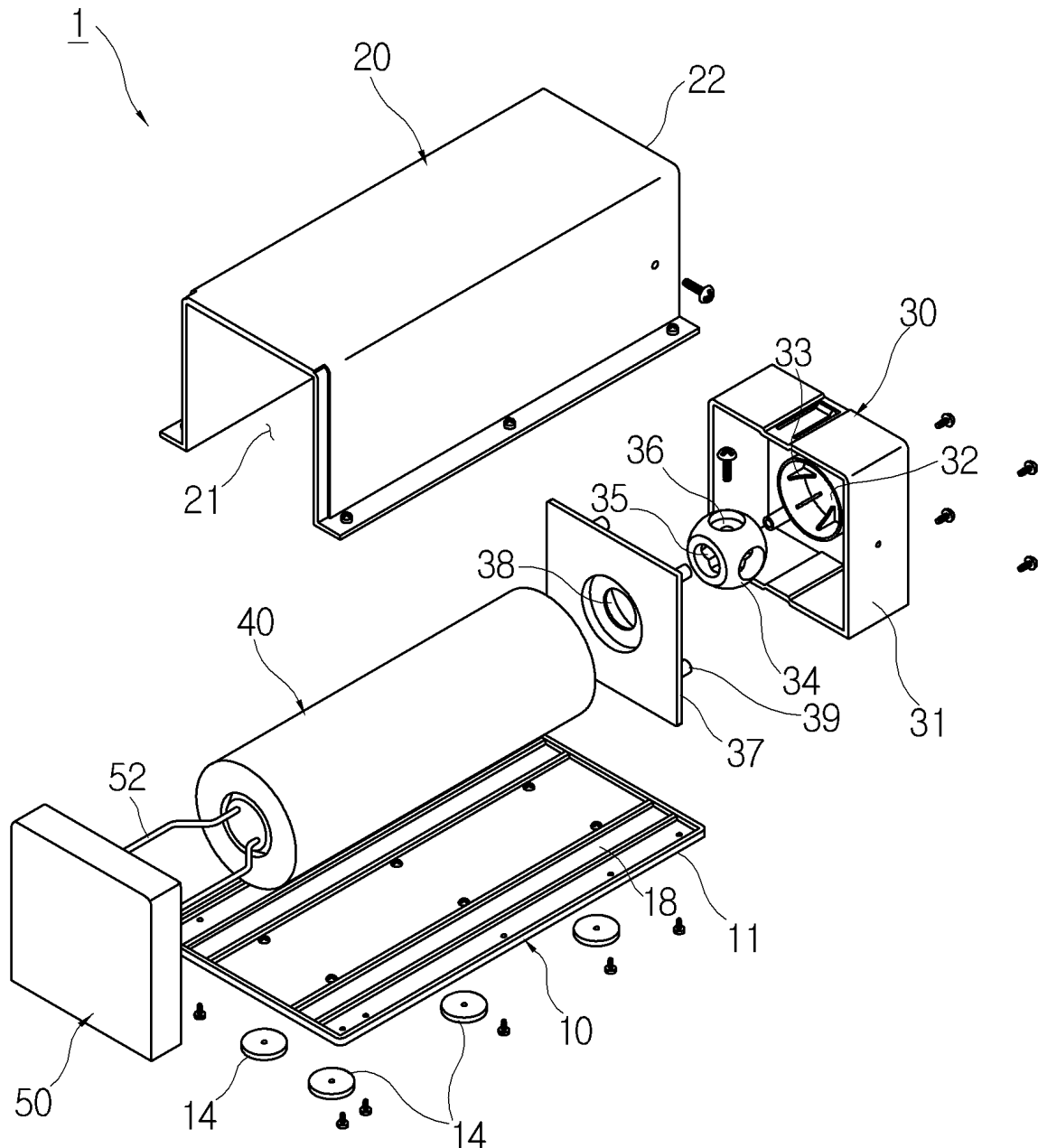
Family 2/20 - FAMPAT - ©Questel

Title

(KR101541372)

One-touch warning triangle

Images



Publication numbers with kind code & date

KR101541372

B1 2015-08-03

KR101541372



Abstract

(KR101541372)

The present invention relates to a one-touch **warning** triangle having a **warning** display unit to transmit a **warning** sign to a front and a rear side in an emergency situation, attached to a **vehicle**. The **warning** display unit comprises: a horizontal plate detachably attached to a **vehicle**; a case mounted on a top of a horizontal plate having opened rear and lower sides; a front case inserted in a front side of the case; a triangular display unit having a front end coupled to the front case while being received inside the case; and an operation handle mounted on the rear side of the triangular display unit, allowing the triangular display unit to be drawn out to the outside or entered inside. The present invention provides the **warning** triangle easily attached to at least one among a roof, a bonnet, and a trunk of the **vehicle** in an emergency situation of the **vehicle**; and displays the **warning** sign through a simple operation of the operation handle. Also, the present invention effectively prevents a secondary collision accident of the **vehicle**.

Inventors

KIM, WON-SOK

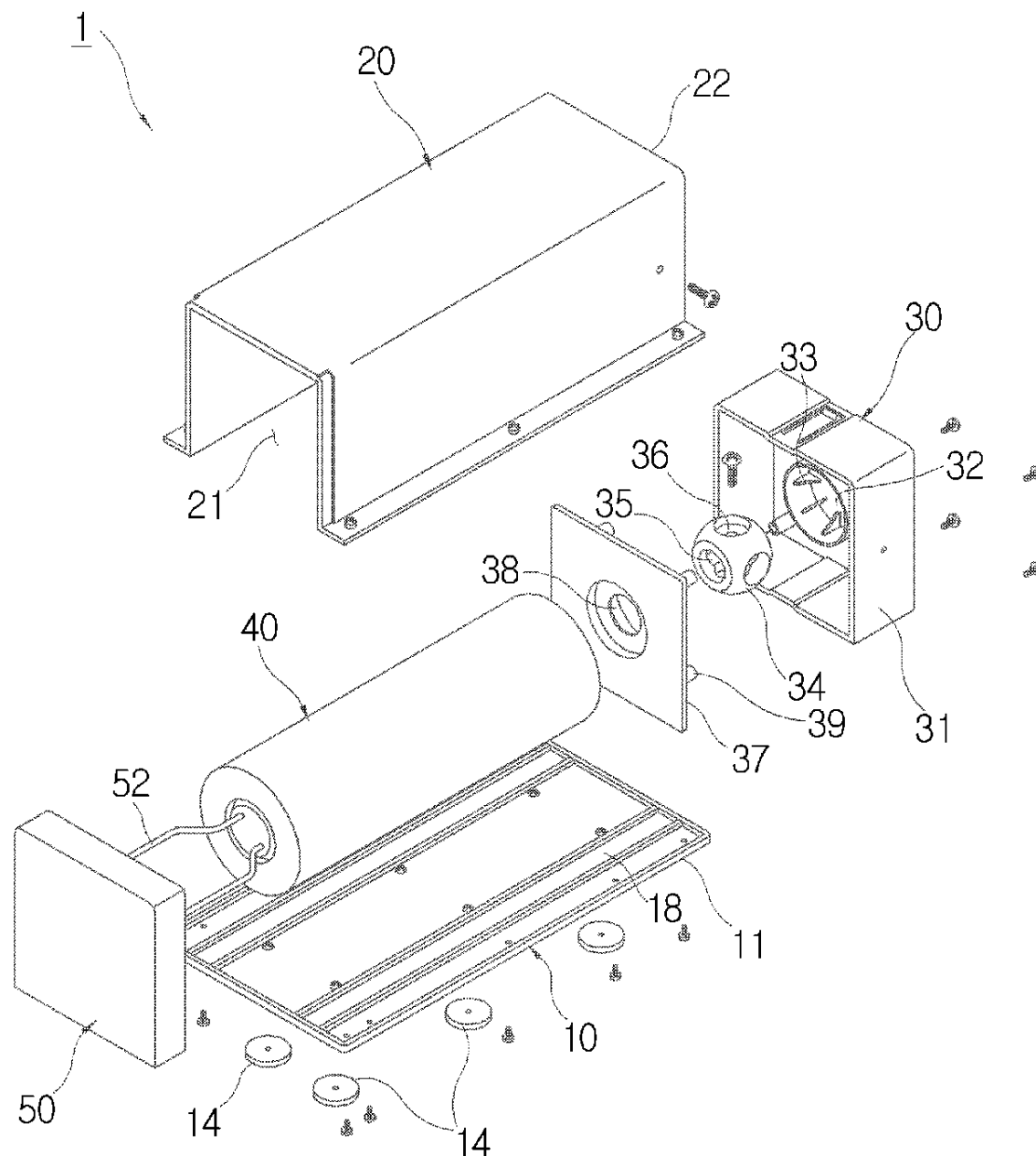
Latest standardized assignees - inventors removed

BRINGYOU

Family 3/20 - FAMPAT - ©Questel

Title

(WO201672580)

One-touch triangular emergency **warning** sign**Images****Publication numbers with kind code & date**

CN107206935	B	2019-04-12	CN107206935B
JP6436323	B2	2018-12-19	JP6436323
JP2017537030	A	2017-12-14	JP2017537030
CN107206935	A	2017-09-26	CN107206935
WO2016/072580	A1	2016-05-12	WO201672580

**Abstract**

(WO2016/072580)

The present invention relates to a one-touch triangular emergency **warning** sign, and to a triangular emergency **warning** sign attached to a **vehicle**, the triangular emergency **warning** sign including a **warning** sign means for sending a **warning** sign to the front and rear of the **vehicle** when an emergency situation occurs, wherein the **warning** sign means comprises: a

horizontal plate attachable/detachable to/from the **vehicle**; a case provided at the upper part of the horizontal plate and having open rear and lower parts; a front case inserted into the front of the case; a triangular sign device accommodated inside the case and of which the front end is coupled to the front case; and an operating handle provided at the rear of the triangular sign device, and drawing the triangular sign device out or inserting the same thereinto. According to the present invention, the triangular emergency **warning** sign, which can be easily attached to at least one location among a roof, a bonnet and a trunk of the **vehicle** when a vehicular emergency situation occurs and can operate a triangular sign part having the **warning** sign displayed thereon through a simple operation of the operating handle, can be provided and can effectively prevent a secondary rear-end collision of the **vehicle**.

Inventors

KIM WON SEOK

Latest standardized assignees - inventors removed

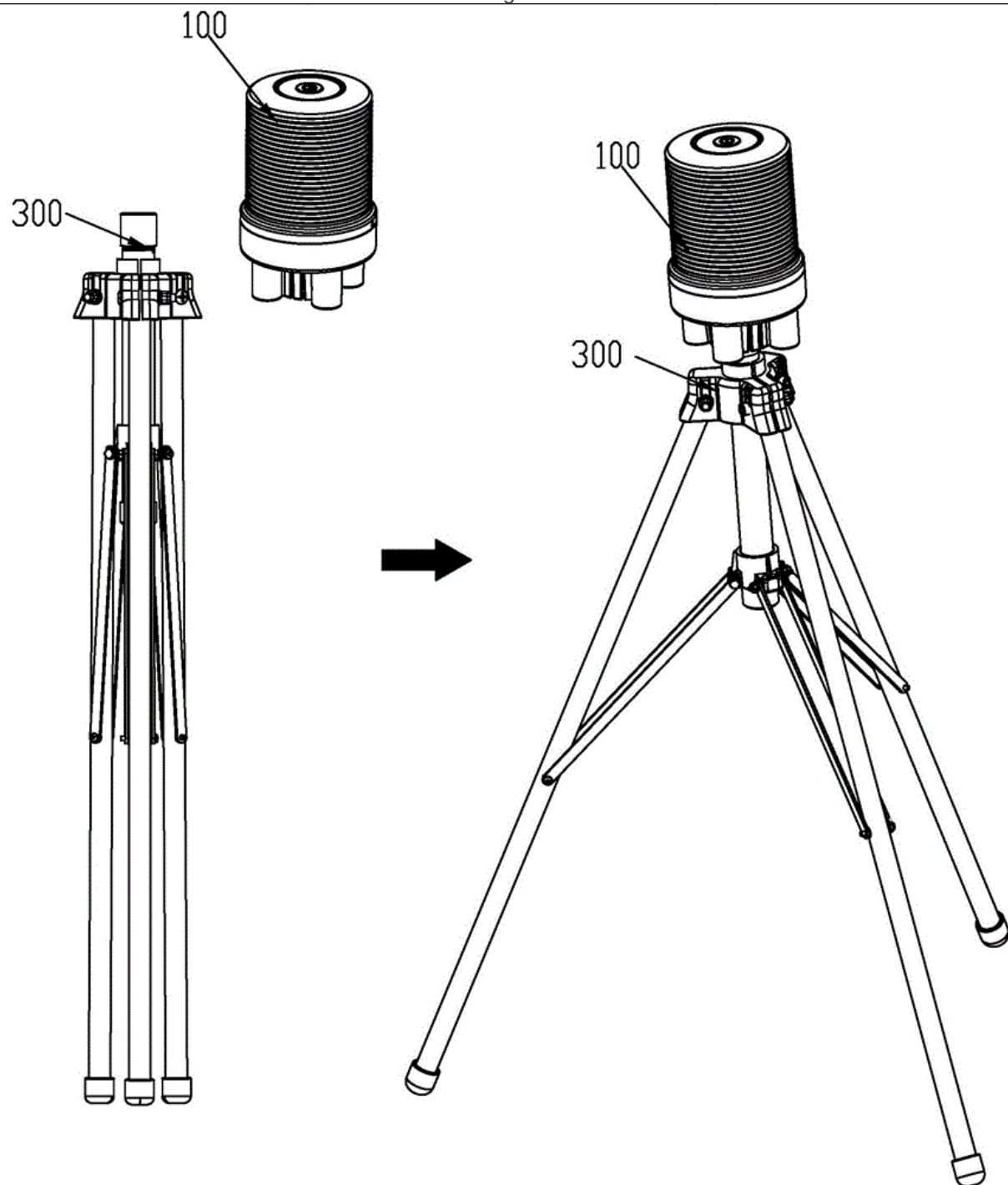
BRINGYOU

Family 4/20 - FAMPAT - ©Questel

Title

(TWM540768)

Mobile **warning** light and outer box thereof**Images**



Publication numbers with kind code & date

TWM540768	U	2017-05-01	TWM540768
CN205857060	U	2017-01-04	CN205857060U



Abstract

(TWM540768)

This creation involves one kind of motion caution light and outside the box.

This motion caution light includes: The lamp holder and connects this lamp holder dismantable the folding support; This lamp holder includes the chimney, the foundation, the photo source, the rechargeable **battery**, the acoustic source, the charge probe, the circuit wafer as well as the key; This chimney and foundation assemble up and down in together, this photo source, the rechargeable **battery**, the acoustic source, the charge probe, as well as the circuit wafer establishment this chimney and foundation, this foundation is equipped with the through hole to reveal this charge probe, this key establishment outside this chimney or foundation.

This creation also provided should move caution light's outside box.

The motion caution light of this creation can shine on own initiative, and is advantageous carries, can replace the group of awl functions; Outside box of this creation can coordinate to move the caution light use, may be used to carry this caution

light.

Inventors

PAN WEIJIANG

Family 5/20 - FAMPAT - ©Questel

Title

(WO201943446)

A method and apparatus for collecting and using sensor data from a **vehicle**

Images

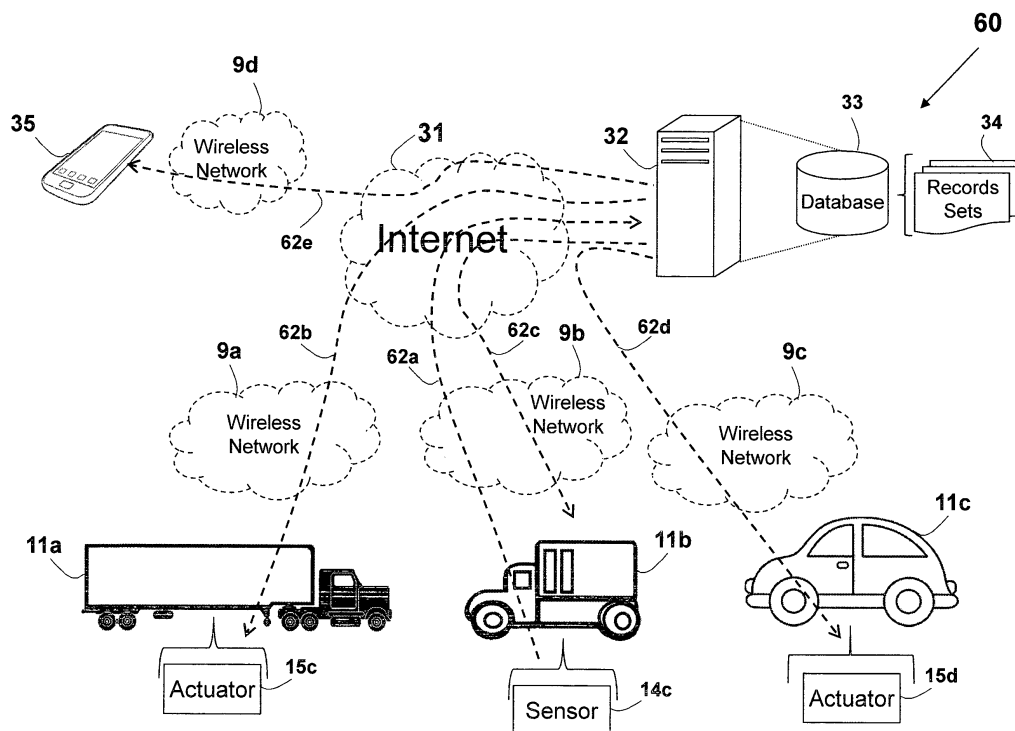


FIG. 6

Publication numbers with kind code & date

WO2019/043446

A1 2019-03-07

WO201943446



Abstract

(WO2019/043446)

A road hazard, such as a **traffic** collision, **traffic** regulation violation, road surface damage, or any other **traffic** obstruction, is detected by a sensor in a **vehicle**. The sensor data is sent periodically, or upon detecting the anomaly, to a server over the Internet via a first wireless network, together with a **vehicle** identifier (**Vehicle** Identification Number (VIN) or the license plate number) and its GNSS or GPS geographic location. The server analyzes the sensor data, and in response sends a notification message to a client device, such as a smartphone, or to a group of vehicles in close vicinity to the first **vehicle**, via a wireless network over the Internet. The received message may be used by each of the vehicles in the group for controlling, limiting, activating, or otherwise affecting an actuator operation, or may be used for notifying the driver using a dashboard display.

Inventors

KERECSEN TAMAS

Latest standardized assignees - inventors removed

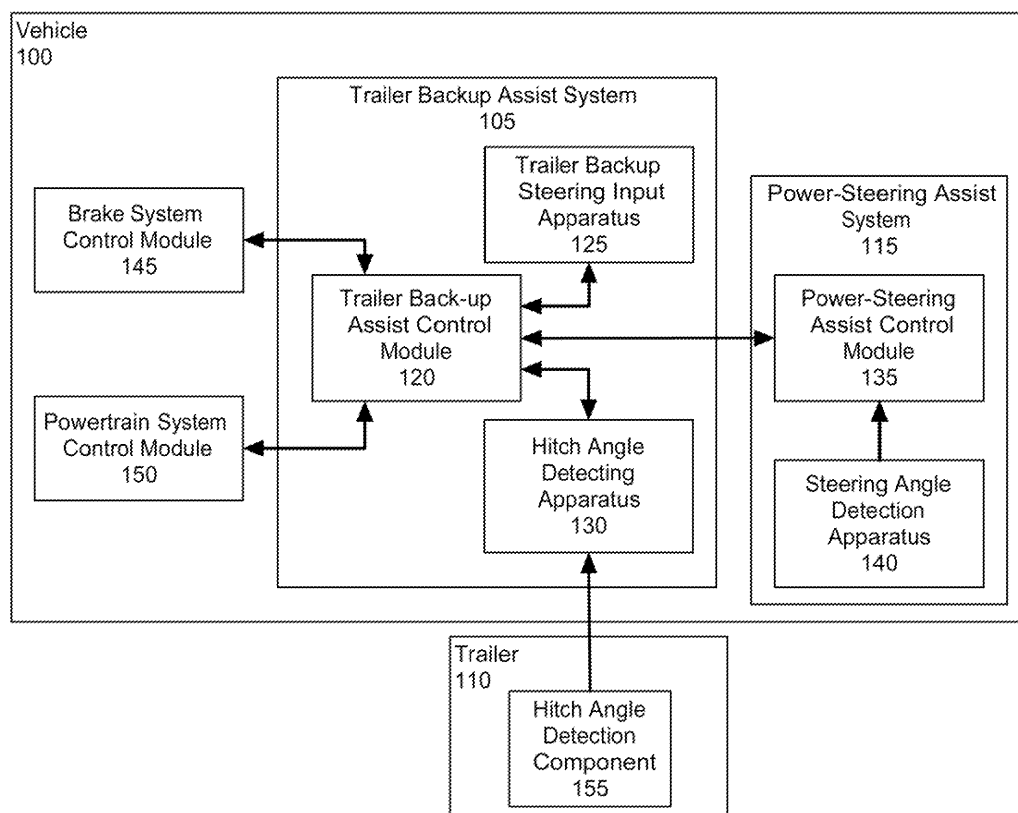
NNG SOFTWARE DEVELOPMENT & COMMERCIAL

Family 6/20 - FAMPAT - ©Questel

Title

(US20190308663)

Trailer backup assist curvature control

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

US20200031392	A1	2020-01-30	US20200031392
US10471989	B2	2019-11-12	US10471989
US20190308663	A1	2019-10-10	US20190308663
US10370030	B2	2019-08-06	US10370030
CN104972850	B	2019-05-14	CN104972850B
CN105371811	B	2019-01-11	CN105371811B
US20180134314	A1	2018-05-17	US20180134314
US9937953	B2	2018-04-10	US9937953
RU2617895	C2	2017-04-28	RU2617895
US9623904	B2	2017-04-18	US9623904
CN104590372	B	2017-04-12	CN104590372B
RU2613123	C2	2017-03-15	RU2613123
CN102745193	B	2017-03-01	CN102745193B
RU2608786	C2	2017-01-24	RU2608786
CN104590116	B	2017-01-18	CN104590116B
RU2015127867	A	2017-01-16	RU2015127867
CN104590158	B	2017-01-11	CN104590158B
RU2015114360	A	2016-11-10	RU2015114360
GB2537989	A	2016-11-02	GB2537989
RU2015112002	A	2016-10-20	RU2015112002
RU2600178	C2	2016-10-20	RU2600178



DE102016104898	A1	2016-10-06	DE102016104898				
DE102016105233	A1	2016-09-29	DE102016105233				
DE102016105261	A1	2016-09-29	DE102016105261				
RU2015107875	A	2016-09-27	RU2015107875				
DE102015015871	A1	2016-06-16	DE102015015871				
US9352777	B2	2016-05-31	US9352777				
US9346396	B2	2016-05-24	US9346396				
RU2584372	C1	2016-05-20	RU2584372				
GB201605065	D0	2016-05-11	GB201605065				
US9296423	B2	2016-03-29	US9296423				
US9283892	B2	2016-03-15	US9283892				
CN105371811	A	2016-03-02	CN105371811				
DE102015112605	A1	2016-02-18	DE102015112605				
DE102015113251	A1	2016-02-18	DE102015113251				
DE102015215573	A1	2016-02-18	DE102015215573				
US20160039456	A1	2016-02-11	US20160039456				
RU2574505	C1	2016-02-10	RU2574505				
US9248858	B2	2016-02-02	US9248858				
RU2573691	C1	2016-01-27	RU2573691				
RU2574042	C1	2016-01-27	RU2574042				
DE102015110697	A1	2016-01-07	DE102015110697				
US9229452	B2	2016-01-05	US9229452				
DE102015109320	A1	2015-12-31	DE102015109320				
DE102015108938	A1	2015-12-17	DE102015108938				
DE102015108268	A1	2015-12-03	DE102015108268				
DE102015209784	A1	2015-12-03	DE102015209784				
US20150344067	A1	2015-12-03	US20150344067				
US9187124	B2	2015-11-17	US9187124				
DE102015206768	A1	2015-10-22	DE102015206768				
DE102015206265	A1	2015-10-15	DE102015206265				
CN104972850	A	2015-10-14	CN104972850				
DE102015103972	A1	2015-10-08	DE102015103972				
DE102015203969	A1	2015-09-24	DE102015203969				
DE102015204006	A1	2015-09-10	DE102015204006				
US9102271	B2	2015-08-11	US9102271				
US9102272	B2	2015-08-11	US9102272				
US9037350	B2	2015-05-19	US9037350				
CN104590116	A	2015-05-06	CN104590116				
CN104590158	A	2015-05-06	CN104590158				
CN104590372	A	2015-05-06	CN104590372				
DE102014222032	A1	2015-04-30	DE102014222032				
DE102014222034	A1	2015-04-30	DE102014222034				
DE102014222048	A1	2015-04-30	DE102014222048				
US20150120141	A1	2015-04-30	US20150120141				
US8930140	B2	2015-01-06	US8930140				
US20140379217	A1	2014-12-25	US20140379217				
US20140379219	A1	2014-12-25	US20140379219				
US8909426	B2	2014-12-09	US8909426				
US20140288777	A1	2014-09-25	US20140288777				
US8825328	B2	2014-09-02	US8825328				
US8755984	B2	2014-06-17	US8755984				
US20140133170	A1	2014-05-15	US20140133170				

US20140058614	A1	2014-02-27	US20140058614				
US20140058622	A1	2014-02-27	US20140058622				
US20140058655	A1	2014-02-27	US20140058655				
US20140058668	A1	2014-02-27	US20140058668				
US20140052337	A1	2014-02-20	US20140052337				
US20140046545	A1	2014-02-13	US20140046545				
US20130268160	A1	2013-10-10	US20130268160				
DE102012205416	A1	2013-06-27	DE102012205416				
US20120271512	A1	2012-10-25	US20120271512				
US20120271515	A1	2012-10-25	US20120271515				
US20120271522	A1	2012-10-25	US20120271522				
CN102745193	A	2012-10-24	CN102745193				

Abstract

(US20190308663)

A **vehicle** has a trailer backup steering input apparatus, a trailer backup assist control module coupled to the a trailer backup steering input apparatus, and an electric power assist steering system coupled to the trailer backup assist control module and. The trailer backup steering input apparatus is configured for outputting a trailer path curvature signal approximating a desired curvature for a path of travel of a trailer towably coupled to the **vehicle**. The trailer backup assist control module is configured for determining **vehicle** steering information as a function of the trailer path curvature signal. The electric power assist steering system is configured for controlling steering of steered wheels of the **vehicle** as a function of the **vehicle** steering information.

Inventors

RHODE DOUGLAS SCOTT

SMIT DAVID DEAN

LAVOIE ERICK MICHAEL

FREY MARTIN FITZPATRICK

PILUTTI THOMAS EDWARD

SHIM TAEHYUN

RUPP MATT Y

TROMBLEY ROGER ARNOLD

Latest standardized assignees - inventors removed

FORD GLOBAL TECHNOLOGIES

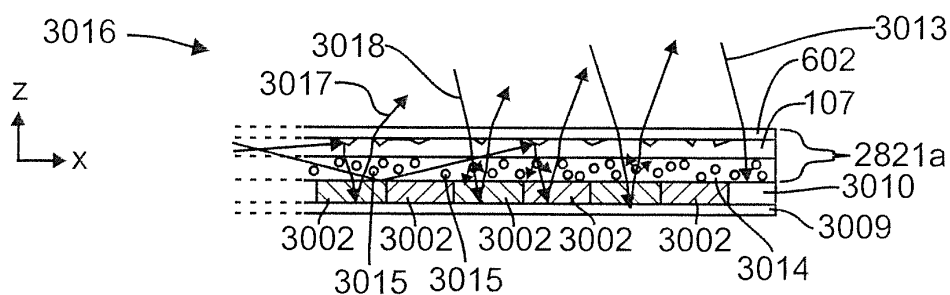
Family 7/20 - FAMPAT - ©Questel

Title

(EP2558776)

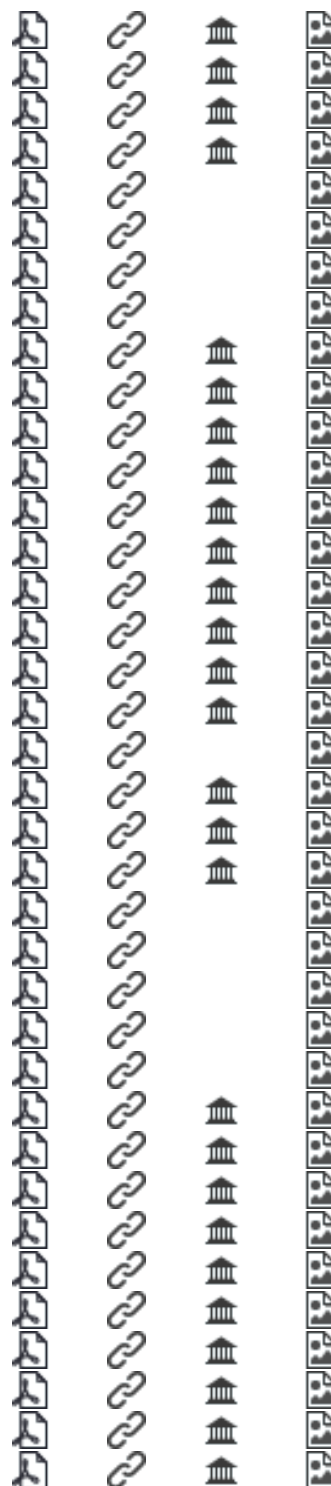
Front illumination device comprising a film-based lightguide

Images

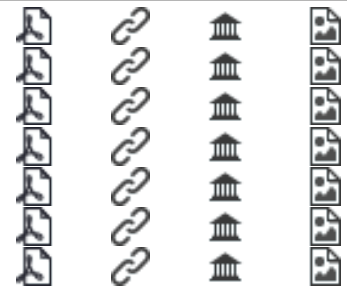


Publication numbers with kind code & date

EP2558775	B1	2019-11-13	EP2558775
BR112012026325	A2	2019-09-24	BR112012026325
BR112012026327	A2	2019-09-24	BR112012026327
BR112012026329	A2	2019-09-24	BR112012026329
KR10-2019-0007102	A	2019-01-21	KR20190007102
KR10-1939719	B1	2019-01-17	KR101939719
KR101821727	B1	2018-01-24	KR101821727
KR20180008882	A	2018-01-24	KR20180008882
JP6132762	B2	2017-05-24	JP6132762
US9557473	B2	2017-01-31	US9557473
US20150219834	A1	2015-08-06	US20150219834
US9028123	B2	2015-05-12	US9028123
IN9880/DELNP/2012	A	2014-06-13	IN2012DN09880
IN9881/DELNP/2012	A	2014-06-13	IN2012DN09881
IN9882/DELNP/2012	A	2014-06-13	IN2012DN09882
EP2558893	A4	2014-06-11	EP2558893
EP2558775	A4	2014-06-04	EP2558775
EP2558776	A4	2014-05-21	EP2558776
KR20130096155	A	2013-08-29	KR20130096155
JP2013530412	A	2013-07-25	JP2013530412
JP2013525836	A	2013-06-20	JP2013525836
JP2013525955	A	2013-06-20	JP2013525955
MX2012012034	A	2013-05-30	MX2012012034
MX2012012035	A	2013-05-30	MX2012012035
KR20130055598	A	2013-05-28	KR20130055598
KR20130054263	A	2013-05-24	KR20130054263
MX2012012033	A	2013-05-20	MX2012012033
CN103038567	A	2013-04-10	CN103038567
CN103038568	A	2013-04-10	CN103038568
EP2558775	A2	2013-02-20	EP2558775
EP2558776	A2	2013-02-20	EP2558776
EP2558893	A2	2013-02-20	EP2558893
CN102918435	A	2013-02-06	CN102918435
WO2011/130715	A3	2012-01-12	WO2011130715
WO2011/130718	A3	2012-01-05	WO2011130718
WO2011/130720	A3	2012-01-05	WO2011130720
US20110277361	A1	2011-11-17	US20110277361



US20110273906	A1	2011-11-10	US20110273906
CA2796515	A1	2011-10-20	CA2796515
CA2796518	A1	2011-10-20	CA2796518
CA2796519	A1	2011-10-20	CA2796519
WO2011/130715	A2	2011-10-20	WO2011130715
WO2011/130718	A2	2011-10-20	WO2011130718
WO2011/130720	A2	2011-10-20	WO2011130720

**Abstract**

(EP2558776)

A **reflective** display includes a **reflective** spatial light modulator and a frontlight. The frontlight includes a lightguide formed from a film. The lightguide includes an array of coupling lightguides continuous with a lightguide region of the lightguide. One or more light sources emit light into the array of coupling lightguides. Light from each coupling lightguide combines and totally internally reflects within the lightguide region. Light extraction features frustrate totally internally reflect light within the lightguide region such that the light exits the lightguide toward the **reflective** spatial light modulator in a light emitting region of the film. A cladding region is optically coupled to the lightguide so light from the light source propagates into the cladding region. A light extracting region is operatively coupled to the cladding region opposite the lightguide, and light in the cladding region is extracted. A method of producing a display is also disclosed.

Inventors

NICHOL ANTHONY J

COLEMAN ZANE

Latest standardized assignees - inventors removed

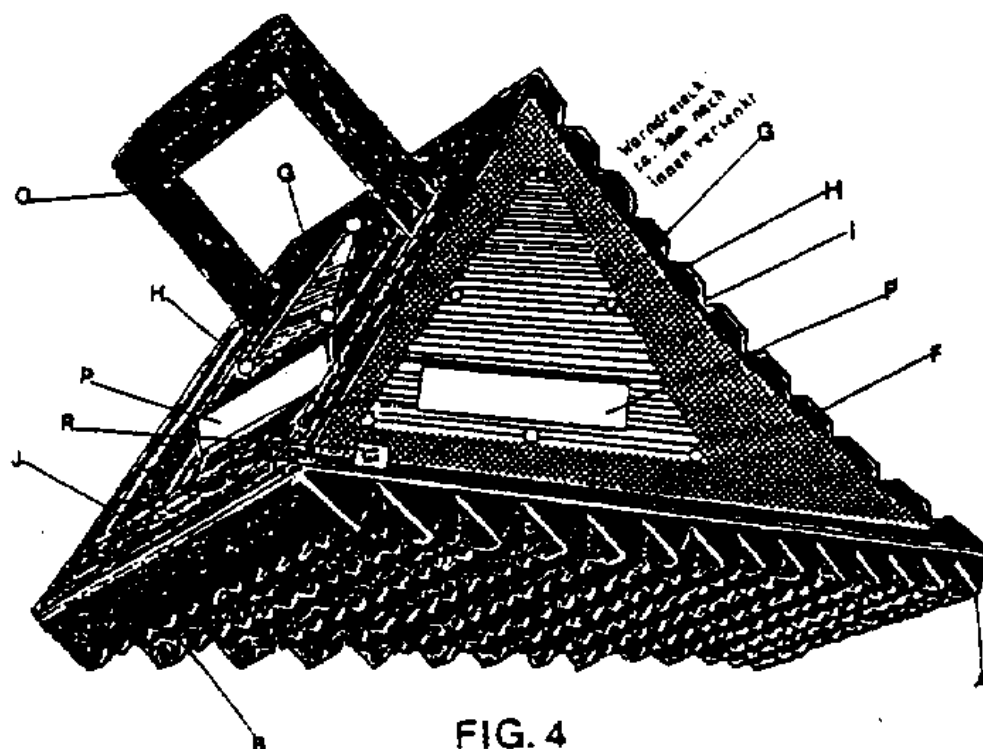
FLEX LIGHTING II

Family 8/20 - FAMPAT - ©Questel

Title

(DE3812361)

Safety wheel chock of smaller dimension for motor trucks and passenger vehicles

Images**FIG. 4****Publication numbers with kind code & date**[AT394008](#)

B 1992-01-27

AT-394008



ATA96988	A	1991-07-15	AT8800969
DE3831025	A1	1990-02-22	DE3831025
DE3812361	A1	1989-09-07	DE3812361



Abstract

(DE3812361)

This safety wheel chock is also specially equipped for winter and provided with various built-in safety factors. Safety factor No. 1 the underside of the wheel chock, see Fig. 4, has been arranged with integrally formed anti-skid indentations ref. B, No. 2 **reflective** coating ref. F, No. 3 **warning** triangle ref. G, No. 4 **LED** display ref. H, No. 5 folding handle Ref. O, No. 6 SOS signal mirror Ref. P, No. 7 anti-skid plate heating, and as safety factor No. 8 and 9, 2 folding side stands and 2 wheel chock safety belts or brackets have been provided on the safety wheel chock, see Fig. 8. The safety devices such as reflector, **warning** triangle with **LED** display, SOS SIGNAL MIRROR increase the safety effect in darkness, poor visibility and fog. The SOS SIGNAL MIRROR also provided built-in on three sides serves for safety and as an emergency tool, since the SOS SIGNAL MIRROR can also be seen in daylight even at a distance of several kilometres. The anti-skid plate heating provided precludes a slippery, icy bearing surface for the WHEEL CHOCK and makes this a thing of the past, since the built-in anti-skid plate heating melts the snow and ice from the tarmacadum surface or the road surface in a minute. This UNIVERSAL SAFETY WHEEL CHOCK consequently always has an optimum, secure grip even in snow and ice in winter. <IMAGE>

Inventors

ROSSMANN VIKTOR

Latest standardized assignees - inventors removed

ROSSMANN VIKTOR

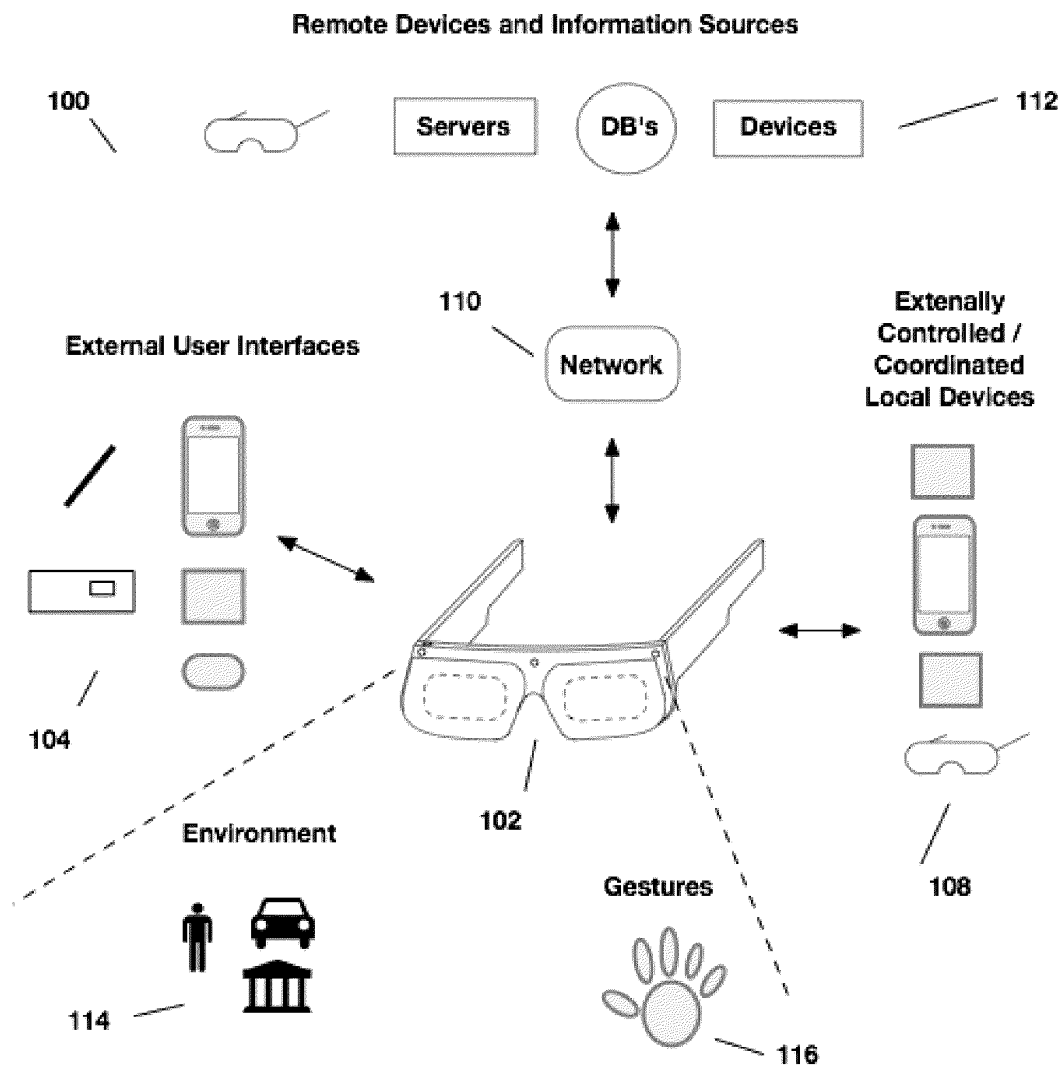
Family 9/20 - FAMPAT - ©Questel

Title

(US20150309562)

In-**vehicle** use in head worn computing

Images

**Publication numbers with kind code & date**[US20150309562](#)

A1 2015-10-29

US20150309562

**Abstract**

(US20150309562)

A head-worn computer including a see-through display includes a positional sensor system adapted to provide position feedback indicative of an alignment of the see-through display with a forward facing view through a windshield of a **vehicle**, a **communication** system adapted to connect the head-worn computer with a **vehicle warning** system, and a processor adapted to cause the head-worn computer to produce tactile feedback when the positional sensor system indicates that the see-through display is not aligned with the forward facing view and the **vehicle warning** system produces a **warning** signal.

Inventors

SHAMS NIMA L

BORDER JOHN N

HADDICK JOHN D

NORTRUP EDWARD H

Latest standardized assignees - inventors removed

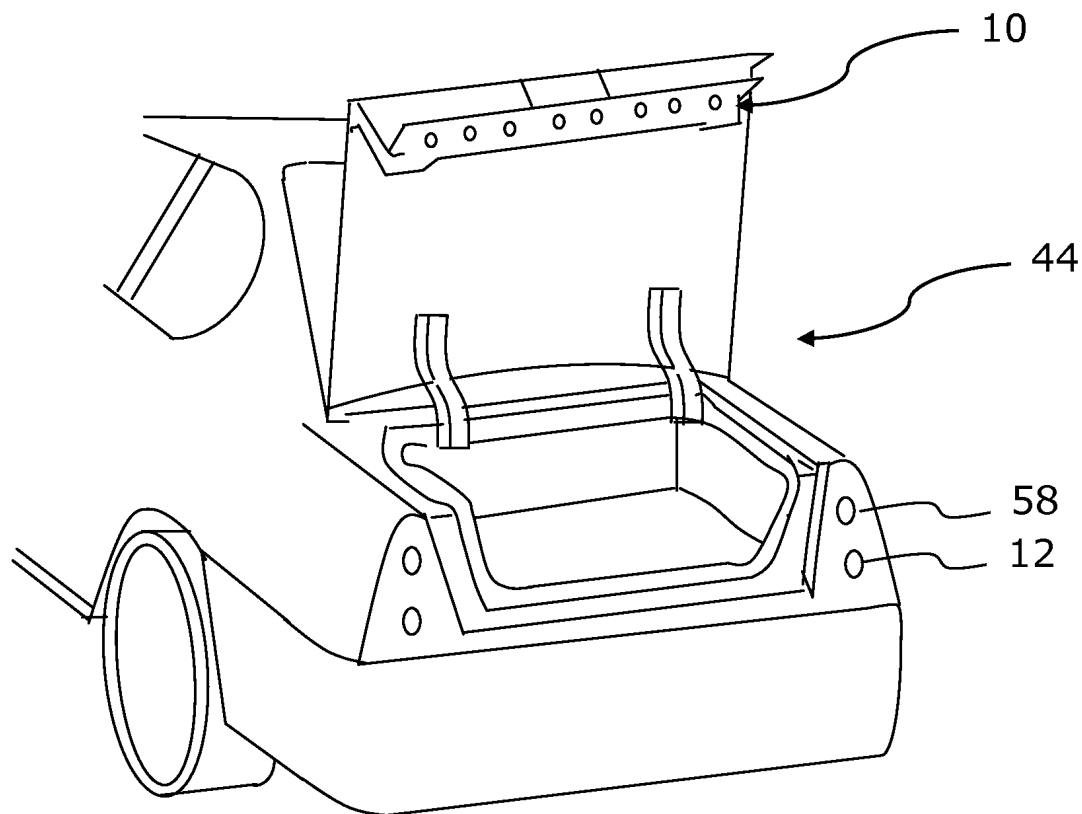
OSTERHOUT

Family 10/20 - FAMPAT - ©Questel

Title

(US20140300463)

Multiple Color Hazard **Warning**/Signaling Device for Trailing End of Trunk Lid**Images**

**Publication numbers with kind code & date**[US20140300463](#)

A1

2014-10-09

US20140300463

**Abstract**

(US20140300463)

The present invention generally relates to an improved hazard **warning**/signaling device, more particularly, to a multiple color hazard **warning**/signaling device for trailing end of trunk lid for a **vehicle**(s) which becomes temporarily effective upon activation of the **vehicle**'s remote trunk release, which places the device in a displayed position for other highway vehicles, and upon engagement of the **vehicle**'s hazard flashing system, or the like. The device includes multiple light emitting diodes (LEDs) configured to emit different colors, or one color, through a single optical lens. This present invention enhances the safety of the **vehicle** by combining the advantages of a hazard flashing system into the multiple color hazard **warning**/signaling device for trailing end of trunk lid and cooperates to increase overall **vehicle** safety creating a synergistic effect.

Inventors

RUSS DEREK TERRELL

Family 11/20 - FAMPAT - ©Questel

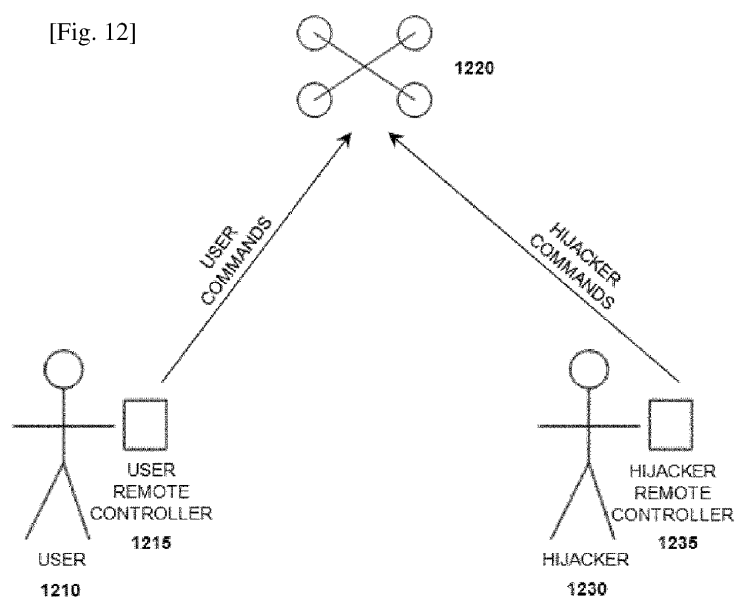
Title

(EP3164861)

Authentication systems and methods for detecting unauthorized uav activity

Images

[Fig. 12]

**Publication numbers with kind code & date**

JP6467520	B2	2019-02-13	JP6467520
JP2018510425	A	2018-04-12	JP2018510425
CN107615359	A	2018-01-19	CN107615359
EP3164861	A4	2017-08-02	EP3164861
EP3164861	A1	2017-05-10	EP3164861
WO2016/154945	A1	2016-10-06	WO2016154945

**Abstract**

(EP3164861)

Systems and methods for UAV safety are provided. An authentication system may be used to confirm UAV and/or user identity and provide secured communications between users and UAVs. The UAVs may operate in accordance with a set of flight regulations. The set of flight regulations may be associated with a geo-fencing device in the vicinity of the UAV.

Inventors

GONG MING
 DAI JIN
 CUI HAO
 WANG XIAODONG
 HUANG HAN
 WU JUN
 FAN WEI
 MA NING
 RONG XINHUA
 LIN XINGSEN

Latest standardized assignees - inventors removed

SZ DJI TECHNOLOGY

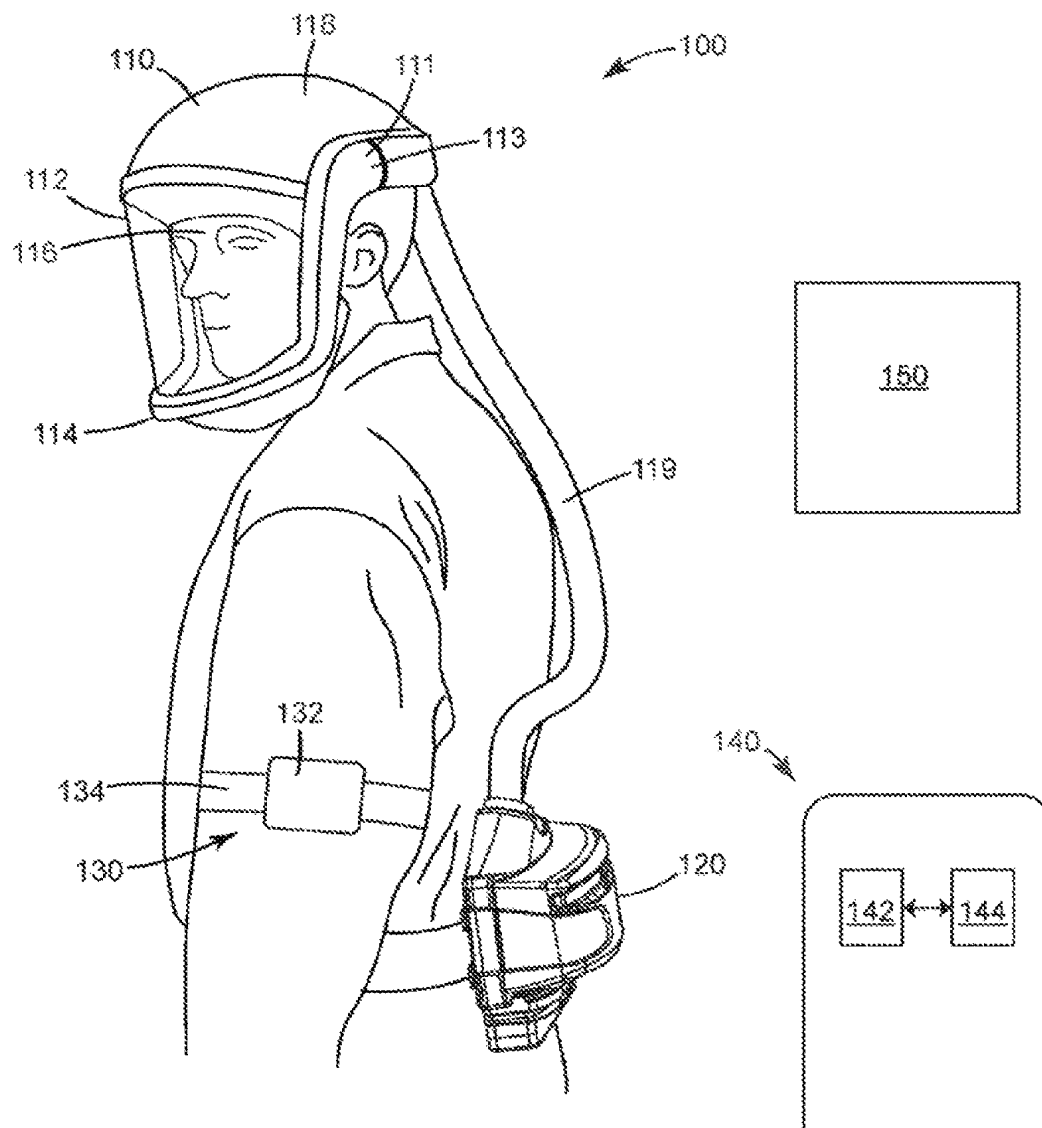
Family 12/20 - FAMPAT - ©Questel

Title

(EP3474797)

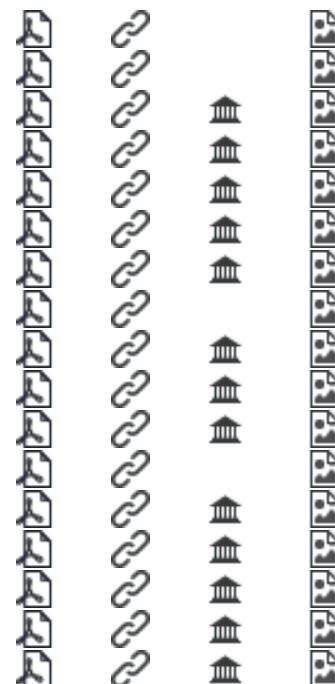
Hearing protector with positional and sound monitoring sensors for proactive sound hazard avoidance

Images



Publication numbers with kind code & date

RU2719814	C1	2020-04-23	RU2719814
RU2718976	C1	2020-04-15	RU2718976
AU2017281902	B2	2020-04-09	AU2017281902
US10610708	B2	2020-04-07	US10610708
IL272378	A	2020-03-31	IL-272378
AU2020201047	A1	2020-03-05	AU2020201047
IL263703	B	2020-02-27	IL-263703
RU2715116	C1	2020-02-25	RU2715116
AU2017281368	B2	2020-01-30	AU2017281368
AU2017281906	B2	2020-01-30	AU2017281906
JP2019527878	A	2019-10-03	JP2019527878
KR10-2015753	B1	2019-08-28	KR102015753
US20190175411	A1	2019-06-13	US20190175411
US20190175960	A1	2019-06-13	US20190175960
US20190175961	A1	2019-06-13	US20190175961
EP3474797	A1	2019-05-01	EP3474797
EP3474956	A1	2019-05-01	EP3474956



EP3474957	A1	2019-05-01	EP3474957				
EP3474958	A1	2019-05-01	EP3474958				
EP3475896	A1	2019-05-01	EP3475896				
CL2018003801	A1	2019-04-22	CL2018003801				
BR112018076802	A2	2019-04-02	BR112018076802				
BR112018076861	A2	2019-04-02	BR112018076861				
BR112018076865	A2	2019-04-02	BR112018076865				
BR112018076918	A2	2019-04-02	BR112018076918				
CL2018003749	A1	2019-03-22	CL2018003749				
CL2018003737	A1	2019-03-08	CL2018003737				
CL2018003743	A1	2019-03-08	CL2018003743				
KR10-2019-0022684	A	2019-03-06	KR20190022684				
KR10-2019-0022685	A	2019-03-06	KR20190022685				
KR10-2019-0022686	A	2019-03-06	KR20190022686				
CN109414602	A	2019-03-01	CN109414602				
CN109416776	A	2019-03-01	CN109416776				
KR10-2019-0014101	A	2019-02-11	KR20190014101				
CN109310524	A	2019-02-05	CN109310524				
CN109310893	A	2019-02-05	CN109310893				
CN109310894	A	2019-02-05	CN109310894				
IL263703	A	2019-01-31	IL-263703				
AU2017281368	A1	2019-01-17	AU2017281368				
AU2017281894	A1	2019-01-17	AU2017281894				
AU2017281902	A1	2019-01-17	AU2017281902				
AU2017281906	A1	2019-01-17	AU2017281906				
IN201847047648	A	2019-01-11	IN201847047648				
IN201847048502	A	2019-01-04	IN201847048502				
BR112018076802	A1	2019-01-02	BR112018076802				
BR112018076861	A1	2019-01-02	BR112018076861				
BR112018076865	A1	2019-01-02	BR112018076865				
BR112018076918	A1	2019-01-02	BR112018076918				
IN201847047577	A	2018-12-28	IN201847047577				
IN201847048608	A	2018-12-28	IN201847048608				
US9998804	B2	2018-06-12	US9998804				
CA3028987	A1	2017-12-28	CA3028987				
CA3029217	A1	2017-12-28	CA3029217				
CA3029238	A1	2017-12-28	CA3029238				
CA3029239	A1	2017-12-28	CA3029239				
US20170368381	A1	2017-12-28	US20170368381				
US20170372216	A1	2017-12-28	US20170372216				
US20170374436	A1	2017-12-28	US20170374436				
WO2017/223367	A1	2017-12-28	WO2017223367				
WO2017/223438	A1	2017-12-28	WO2017223438				
WO2017/223451	A1	2017-12-28	WO2017223451				
WO2017/223459	A1	2017-12-28	WO2017223459				
WO2017/223469	A1	2017-12-28	WO2017223469				

Abstract

(EP3474797)

In some examples, a system (1900) includes a hearing protector (1920); at least one position sensor; at least one sound monitoring sensor; at least one computing device configured to: receive, from the at least one sound monitoring sensor and over a time duration, indications of sound levels to which a worker is exposed; determine, from the at least one position

sensor and during the time duration, that the hearing protector is not positioned at one or more ears of the worker to attenuate the sound levels; and generate, in response to the determination that at least one of the sound levels satisfies an exposure threshold during the time duration and the hearing protector is not positioned at one or more ears of the worker to attenuate the sound levels, an indication for output.

Inventors

AWISZUS STEVEN T

KANUKURTHY KIRAN S

LOBNER ERIC C

QUINTERO ROBERT J

JOHNSON MICAYLA A

FILLOUX MADELEINE E

YLITALO CAROLINE M

MARTINSON PAUL A

Latest standardized assignees - inventors removed

3M

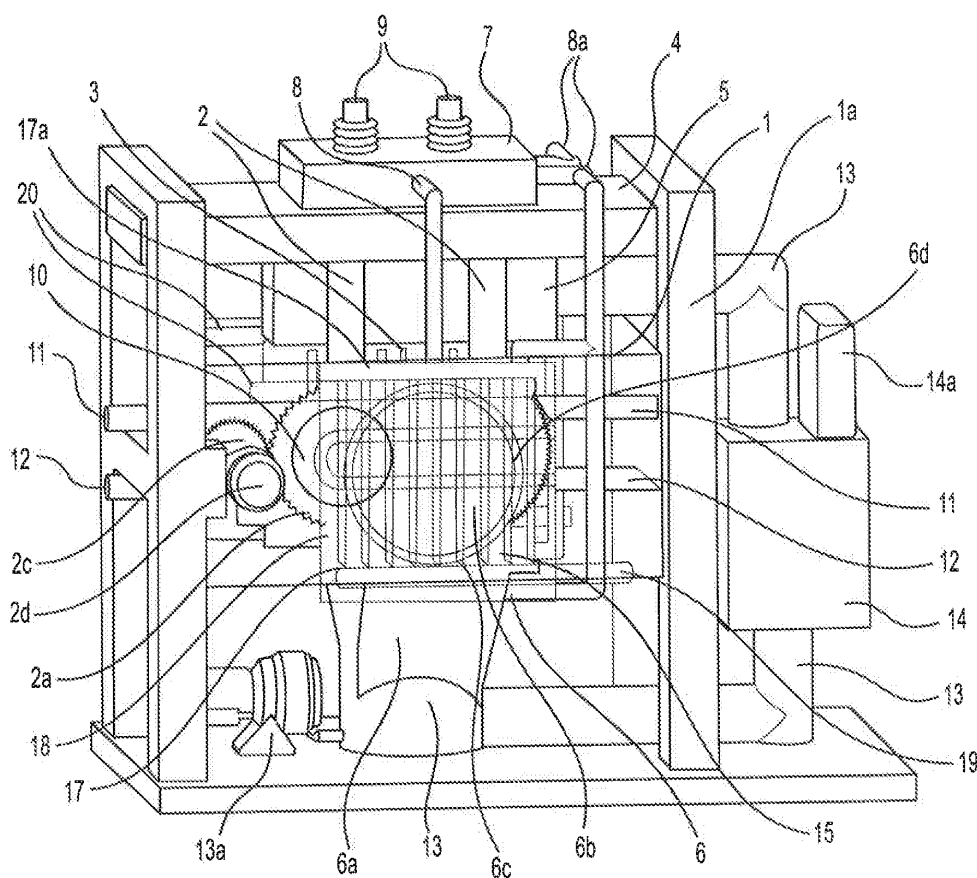
Family 13/20 - FAMPAT - ©Questel

Title

(EP3114692)

Photovoltaic power generation systems and methods regarding same

Images



Publication numbers with kind code & date

TW202013793	A	2020-04-01	TW202013793
AU2020200099	A1	2020-01-30	AU2020200099
JP2019208354	A	2019-12-05	JP2019208354



TWI668907	B	2019-08-11	TWI668907				
CN106463192	B	2019-05-21	CN106463192B				
JP2017518011	A	2017-06-29	JP2017518011				
EA201691768	A1	2017-05-31	EA201691768				
MX2016011305	A	2017-04-27	MX2016011305				
US20170070180	A1	2017-03-09	US20170070180				
CN106463192	A	2017-02-22	CN106463192				
IN201617031685	A	2017-01-13	IN201617031685				
EP3114692	A1	2017-01-11	EP3114692				
IL247583	A	2016-11-30	IL-247583				
KR20160132888	A	2016-11-21	KR20160132888				
BR112016020409	A1	2016-11-01	BR112016020409				
SG11201607321R	A	2016-10-28	SG11201607321R				
AU2014385284	A1	2016-09-15	AU2014385284				
TW201535850	A	2015-09-16	TW201535850				
CA2941443	A1	2015-09-11	CA2941443				
WO2015/134047	A1	2015-09-11	WO2015134047				

Abstract

(EP3114692)

A solid fuel power source that provides at least one of electrical and thermal power comprising (i) at least one reaction, cell for the catalysis of atomic hydrogen to form hydrinos, (ii) a chemical fuel mixture comprising at least two components chosen from: a source of H₂O catalyst or H₂O catalyst; a source of atomic hydrogen or atomic hydrogen; reactants to form the source of H₂O catalyst or H₂O catalyst and a source of atomic hydrogen or atomic hydrogen; one or more reactants to initiate the catalysis of atomic hydrogen; and a material to cause the fuel to be highly conductive, (iii) at least one set of electrodes that confine the fuel and an electrical power source that provides a short burst of low-voltage, high-current electrical energy to initiate rapid kinetics of the hydrino reaction and an energy gain due to forming hydrinos, (iv) a product recovery systems such as a vapor condenser, (v) a reloading system, (vi) at least one of hydration, thermal, chemical, and electrochemical systems to regenerate the fuel from the reaction products, (vii) a heat sink that accepts the heat from the power-producing reactions, (viii) a photovoltaic power converter comprising at least one of a concentrated solar power device, and at least one triple-junction photovoltaic cell, monocrystalline cell, polycrystalline cell, amorphous cell, string/ribbon silicon cell, multi-junction cell, homojunction cell, heterojunction cell, p-i-n device, thin-film cells, dye-sensitized cell, and an organic photovoltaic cell, and an antireflection coating, an optical impedance matching coating, and a protective coating.

Inventors

MILLS RANDELL

Latest standardized assignees - inventors removed

BRILLIANT LIGHT POWER

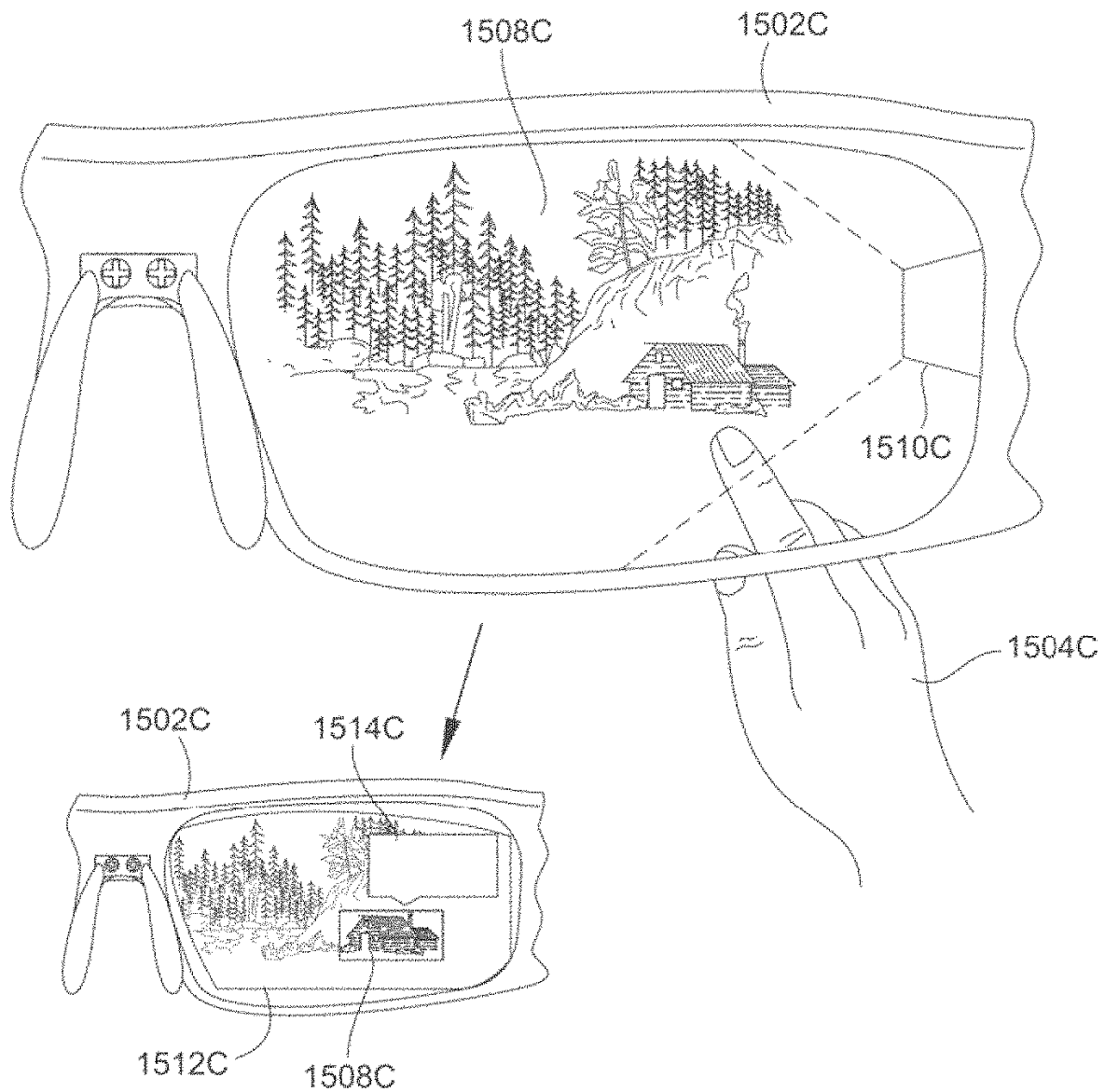
Family 14/20 - FAMPAT - ©Questel

Title

(US20120212484)

System and method for display content placement using distance and location information

Images



Publication numbers with kind code & date

US10539787	B2	2020-01-21	US10539787
US20160209648	A1	2016-07-21	US20160209648
US20160187654	A1	2016-06-30	US20160187654
US20130278631	A1	2013-10-24	US20130278631
US8467133	B2	2013-06-18	US8467133
US20120218301	A1	2012-08-30	US20120218301
US20120212484	A1	2012-08-23	US20120212484
US20120212499	A1	2012-08-23	US20120212499



Abstract

(US20120212484)

This disclosure concerns an interactive head-mounted eyepiece with an integrated processor for handling content for display and an integrated image source for introducing the content to an optical assembly through which the user views a surrounding environment and the displayed content. The eyepiece also includes one or more range determination sensors and/or location sensors. Information relating to a distance to a real world object in the surrounding environment is extracted by the integrated processor from the sensors and the integrated processor determines, based on the location and distance, a placement position for the content within a field of view of the optical assembly.

Inventors

HADDICK JOHN D

BORDER JOHN N

Latest standardized assignees - inventors removed

MICROSOFT TECHNOLOGY LICENSING

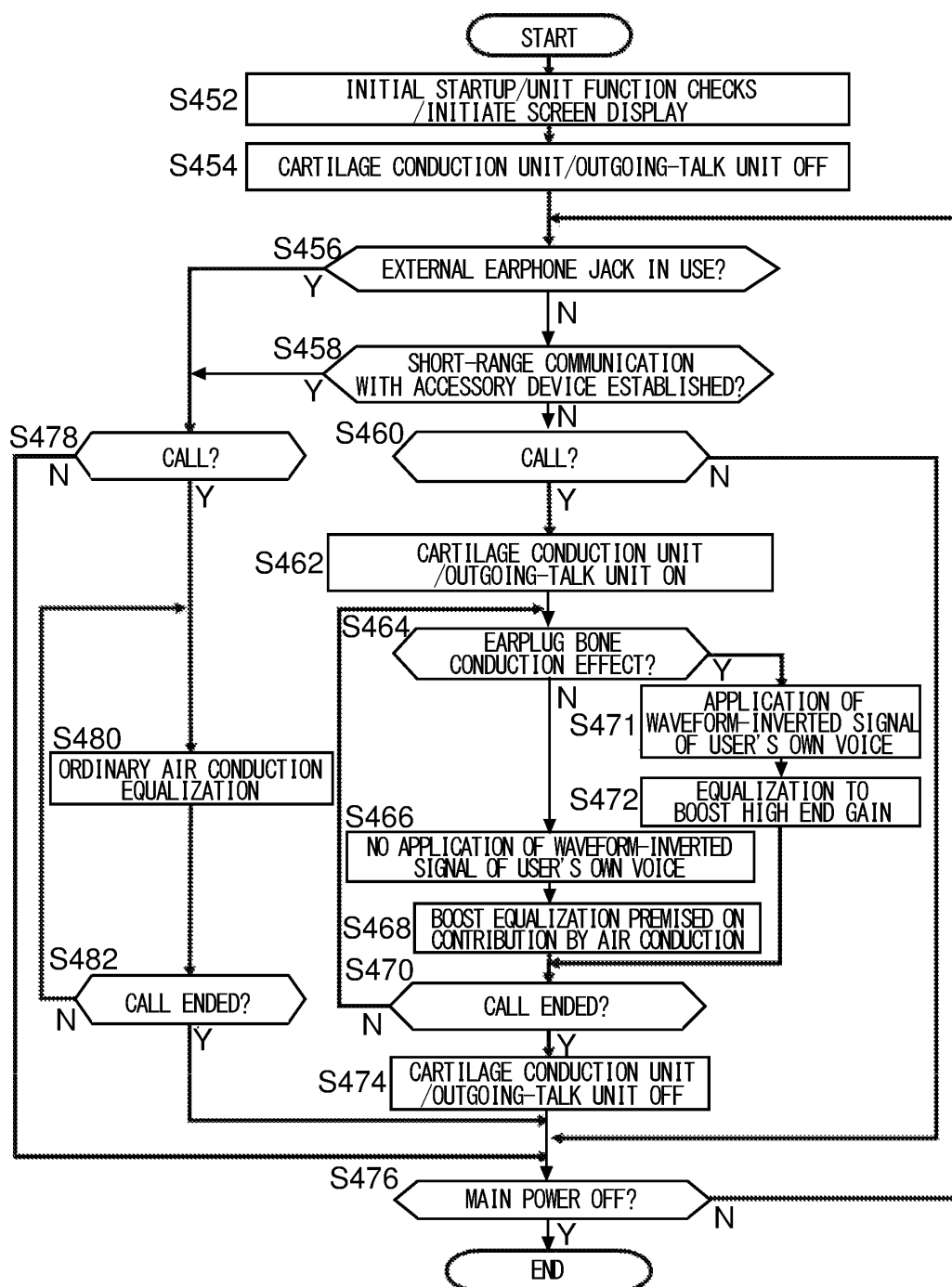
Family 15/20 - FAMPAT - ©Questel

Title

(EP3236669)

Cartilage conduction hearing device using electromagnetic-type vibration unit, and electromagnetic-type vibration unit

Images



Publication numbers with kind code & date

JP6676837	B2	2020-04-08	JP6676837
JP6655841	B2	2020-02-26	JP6655841
JP6628277	B2	2020-01-08	JP6628277
JP6611241	B2	2019-11-27	JP6611241
CN110312181	A	2019-10-08	CN110312181



US20190289106	A1	2019-09-19	US20190289106				
US10356231	B2	2019-07-16	US10356231				
CN107113481	B	2019-06-28	CN107113481B				
JP6515380	B2	2019-05-22	JP6515380				
KR10-2019-0045397	A	2019-05-02	KR20190045397				
KR10-1973486	B1	2019-04-29	KR101973486				
JP6480175	B2	2019-03-06	JP6480175				
TW201907737	A	2019-02-16	TW201907737				
TWI642307	B	2018-11-21	TWI642307				
EP3236669	A4	2018-10-03	EP3236669				
EP3236669	A1	2017-10-25	EP3236669				
US20170295269	A1	2017-10-12	US20170295269				
CN107113481	A	2017-08-29	CN107113481				
KR20170084301	A	2017-07-19	KR20170084301				
JP2017108214	A	2017-06-15	JP2017108214				
JP2017092889	A	2017-05-25	JP2017092889				
JP2017076919	A	2017-04-20	JP2017076919				
JP2016201768	A	2016-12-01	JP2016201768				
TW201637458	A	2016-10-16	TW201637458				
JP2016139844	A	2016-08-04	JP2016139844				
JP2016116202	A	2016-06-23	JP2016116202				
WO2016/098820	A1	2016-06-23	WO201698820				

Abstract

(EP3236669)

Provided is a portable telephone or an earphone or an electromagnetic-type vibration unit that comprises an electromagnetic-type vibrator including two mutually relatively moving portions supported via an elastic body, and that is configured to produce vibrations from at least one of the two portions for cartilage conduction. The elastic body provides a cartilage conduction portion to be contacted with the ear cartilage. The elastic body is disposed on or in the vicinity of an upper corner portion of a housing. One of the two portions is supported on a housing structure with the elastic body supported by the housing structure, and the other of the two portions is supported by the elastic body. Of the two portions, one with a greater weight is supported by the elastic body. Of the two portions, one or a portion connected thereto provides a cartilage conduction portion to be contacted with the ear cartilage, with the elastic body disposed between the two portions. From both of the two portions, vibrations to be conducted to the elastic body are obtained.

Inventors

HOSOI HIROSHI

HOSOI YOJI

TANAKA MASAhide

Latest standardized assignees - inventors removed

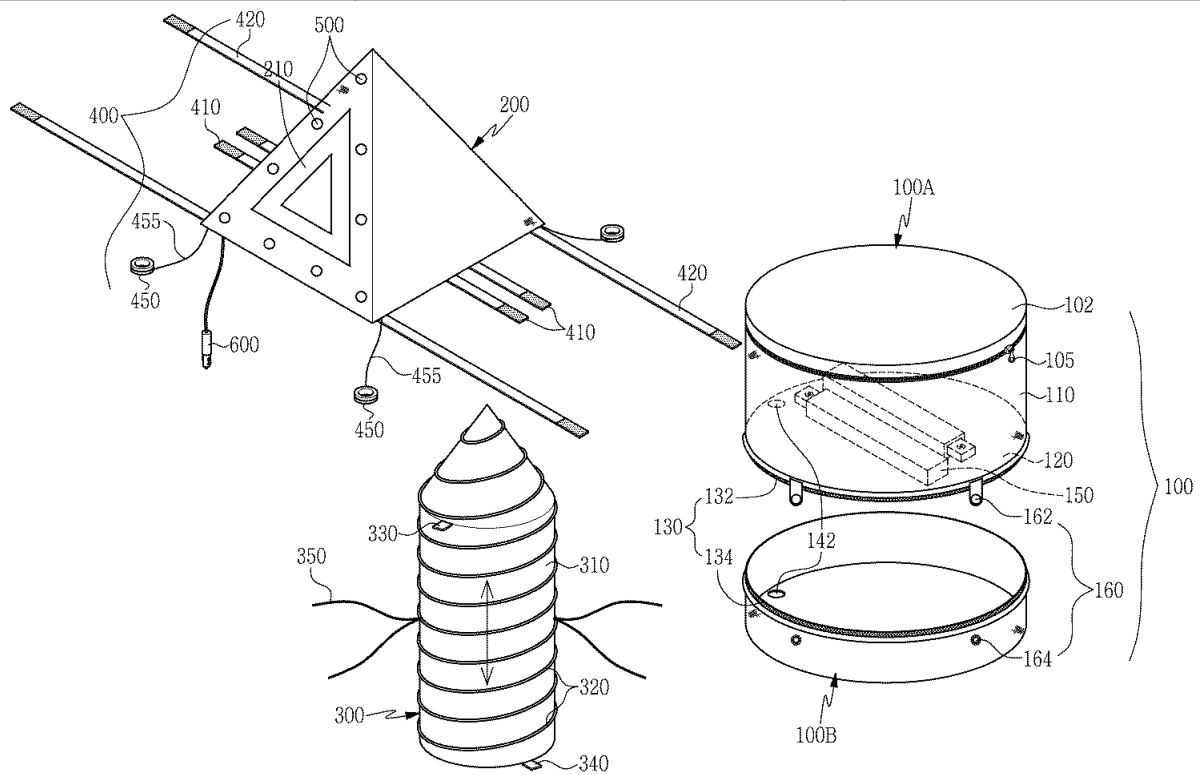
FINEWELL

Family 16/20 - FAMPAT - ©Questel

Title

(KR101565333)

Safety tripod apparatus for **vehicle****Images**



Publication numbers with kind code & date

KR101565333	B1	2015-11-03	KR101565333
KR20150116145	A	2015-10-15	KR20150116145



Abstract

(KR20150116145)

The present invention relates to a safety tripod device for a **vehicle**, which can be kept in a receiving box by reducing the volume thereof to be able to be kept in a **vehicle** and carried easily at ordinary times, and can be discriminated easily by the driver of a following **vehicle** as the safety tripod device is erected conveniently and combined firmly with the upper side of the ceiling of an accident **vehicle** in the case of an emergency situation. The safety tripod device for a **vehicle** according to the present invention comprises: a receiving box having an upper part arranged to be able to be opened and closed, having a space part arranged inside, and composed of upper and lower receiving boxes which can be separated from each other; a bellows member accommodated inside the receiving box to be able to be erected and folded in a height direction; a tripod body arranged outside the bellows member, having a lower part opened, having an inner side surface connected to the upper end part of the bellows member to interlock with the upper end part of the bellows, being erected and folded according to the movement of the bellows member, and having a light-reflecting member arranged on a rear surface; and a fixating means for fixating the tripod body to the ceiling of the accident **vehicle**.

Inventors

LEE, SEO-YOUNG

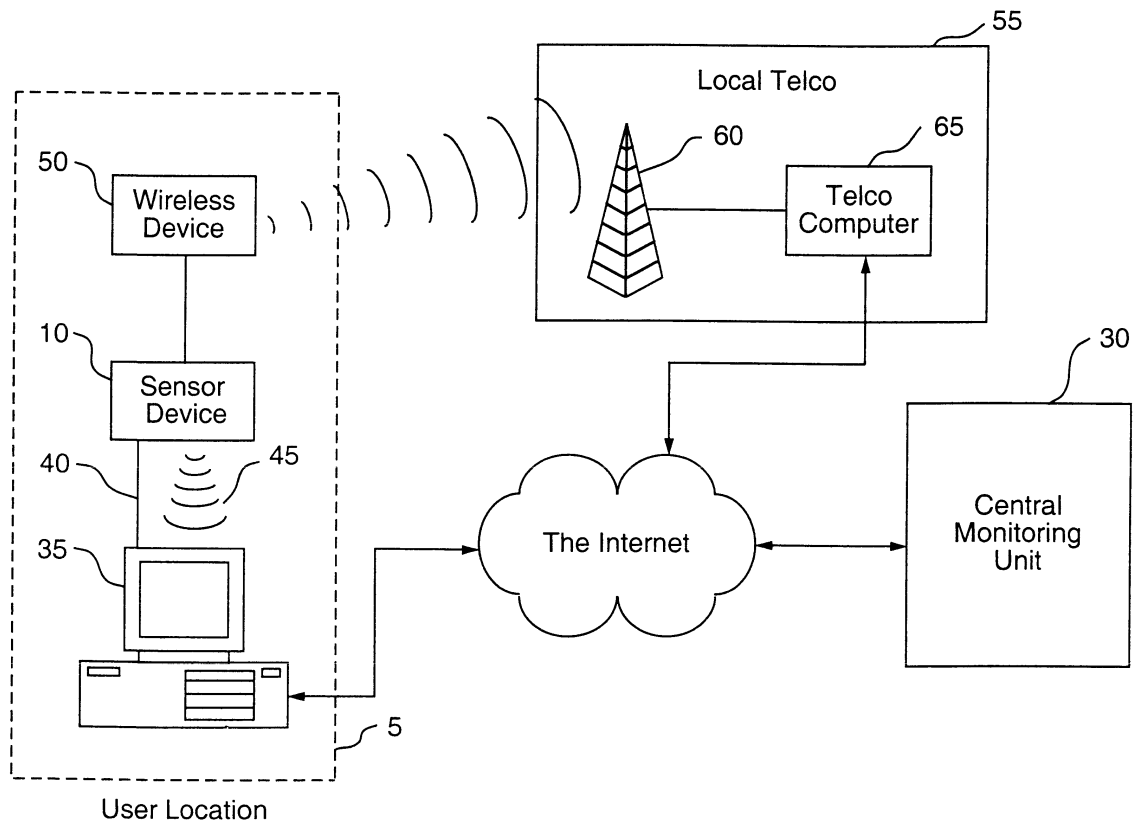
Family 17/20 - FAMPAT - ©Questel

Title

(EP1292217)

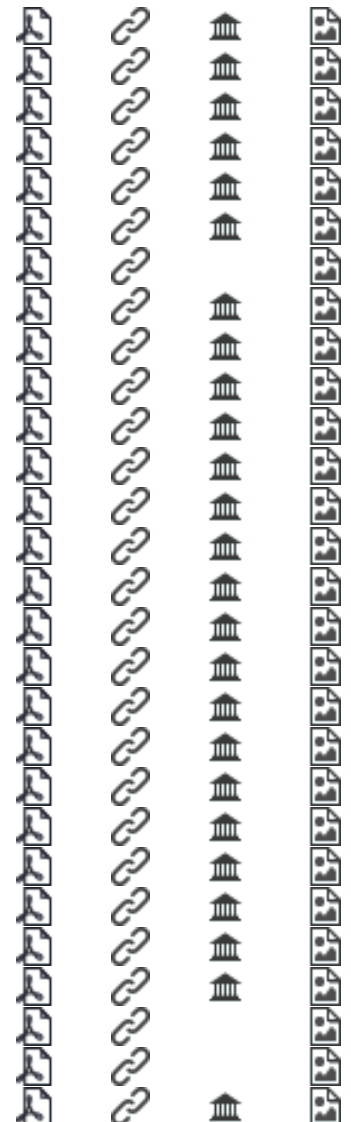
System for monitoring health, wellness and fitness

Images



Publication numbers with kind code & date

US9033875	B2	2015-05-19	US9033875
ES2530878	T3	2015-03-06	ES2530878
DK1702560	T3	2015-02-23	DK1702560T
EP1702560	B1	2014-11-19	EP1702560
US20140081666	A1	2014-03-20	US20140081666
ES2430549	T3	2013-11-21	ES2430549
HK1088804	A1	2013-11-01	HK1088804
DK1639939	T3	2013-10-28	DK1639939T
PT1639939	E	2013-10-22	PT1639939
EP1639939	B1	2013-07-24	EP1639939
JP5273893	B2	2013-05-24	JP5273893
US20120059230	A1	2012-03-08	US20120059230
US8073707	B2	2011-12-06	US8073707
US7959567	B2	2011-06-14	US7959567
BR0111995	B1	2010-12-28	BR200111995
BR0111918	B1	2010-11-30	BR200111918
CA2413148	C	2010-08-24	CA2413148
US7689437	B1	2010-03-30	US7689437
IL153478	B	2009-08-03	IL-153478
US20090118590	A1	2009-05-07	US20090118590
US20080275309	A1	2008-11-06	US20080275309
US20080183051	A1	2008-07-31	US20080183051
US20080183052	A1	2008-07-31	US20080183052
US20080177158	A1	2008-07-24	US20080177158
US20080171918	A1	2008-07-17	US20080171918
KR100831036	B1	2008-05-21	KR100831036
KR100821945	B1	2008-04-15	KR100821945
CA2413220	C	2007-11-13	CA2413220



IL153516	B	2007-07-24	IL-153516				
ES2260245	T3	2006-11-01	ES2260245				
PT1292218	E	2006-09-29	PT1292218				
EP1702560	A1	2006-09-20	EP1702560				
DE60119100	T2	2006-08-31	DE60119100				
DE60115234	T2	2006-08-10	DE60115234				
DE60119100	D1	2006-06-01	DE60119100				
ES2253393	T3	2006-06-01	ES2253393				
AT324066	T	2006-05-15	ATE324066				
EP1292218	B1	2006-04-26	EP1292218				
EP1639939	A1	2006-03-29	EP1639939				
US20060031102	A1	2006-02-09	US20060031102				
DE60115234	D1	2005-12-29	DE60115234				
AT310444	T	2005-12-15	ATE310444				
EP1292217	B1	2005-11-23	EP1292217				
BR0111995	A	2005-06-28	BR200111995				
MXPA02012482	A	2004-09-10	MX2002PA012482				
MXPA02012643	A	2004-09-10	MX2002PA012643				
JP2004512061	A	2004-04-22	JP2004512061				
JP2004500949	A	2004-01-15	JP2004500949				
US6605038	B1	2003-08-12	US6605038				
IL153478	A	2003-07-06	IL-153478				
IL153516	A	2003-07-06	IL-153516				
BR0111918	A	2003-05-13	BR200111918				
EP1292217	A2	2003-03-19	EP1292217				
EP1292218	A1	2003-03-19	EP1292218				
KR20030015281	A	2003-02-20	KR20030015281				
KR20030011103	A	2003-02-06	KR20030011103				
WO01/96986	A8	2002-10-24	WO200196986				
WO01/96986	A3	2002-09-12	WO200196986				
AU7009201	A	2002-01-08	AU200170092				
CA2413148	A1	2002-01-03	CA2413148				
WO02/00111	A1	2002-01-03	WO200200111				
AU6708301	A	2001-12-24	AU200167083				
CA2413220	A1	2001-12-20	CA2413220				
WO01/96986	A2	2001-12-20	WO200196986				

Abstract

(EP1292217)

A detecting, monitoring and reporting system includes a sensor device (10) which generates data indicative of physiological parameters of an individual and data derived therefrom when placed in proximity with the body. A remote central monitoring unit (30) generates analytical status data from the data indicative of physiological parameters, the derived data, and analytical status data that has previously been generated. A data storage device stores the data received and generated by the central monitoring unit (30). The system includes means (50, 55) for establishing electronic **communication** between the sensor device (10) and the central monitoring unit (30), and means for transmitting the data to a recipient. The sensor device (10) may also generate data indicative of contextual parameters of the individual, which may then be used when generating the analytical status data. The system may be used for monitoring and providing feedback relating to the degree to which an individual has followed a suggested routine.

Inventors

TELLER ERIC

STIVORIC JOHN M

KASABACH CHRISTOPHER D

PACIONE CHRISTOPHER D

MOSS JOHN L

LIDEN CRAIG B

MCCORMACK MARGARET A

Latest standardized assignees - inventors removed

SILVER LAKE WATERMAN FUND SUCCESSOR AGENT

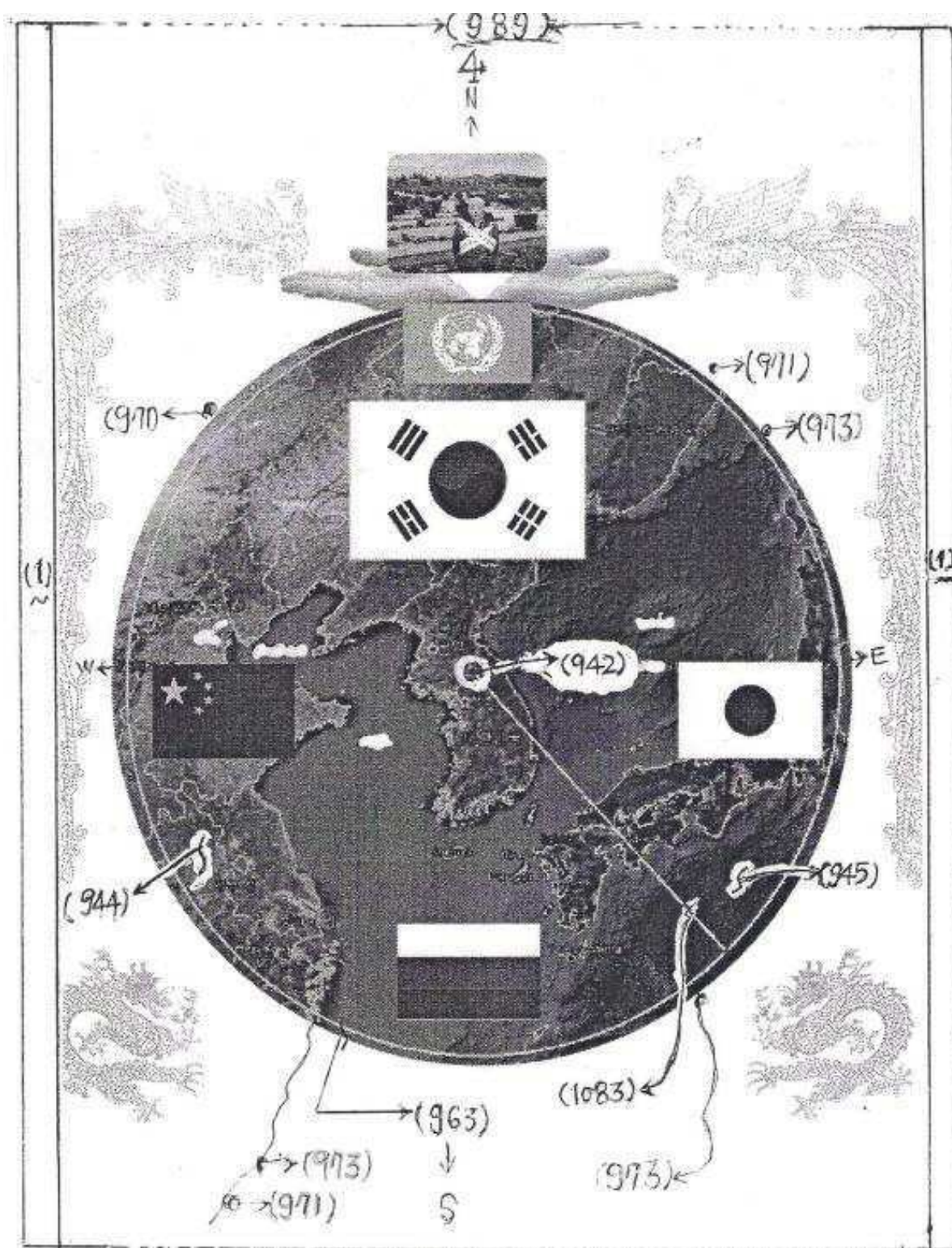
J FITNESS

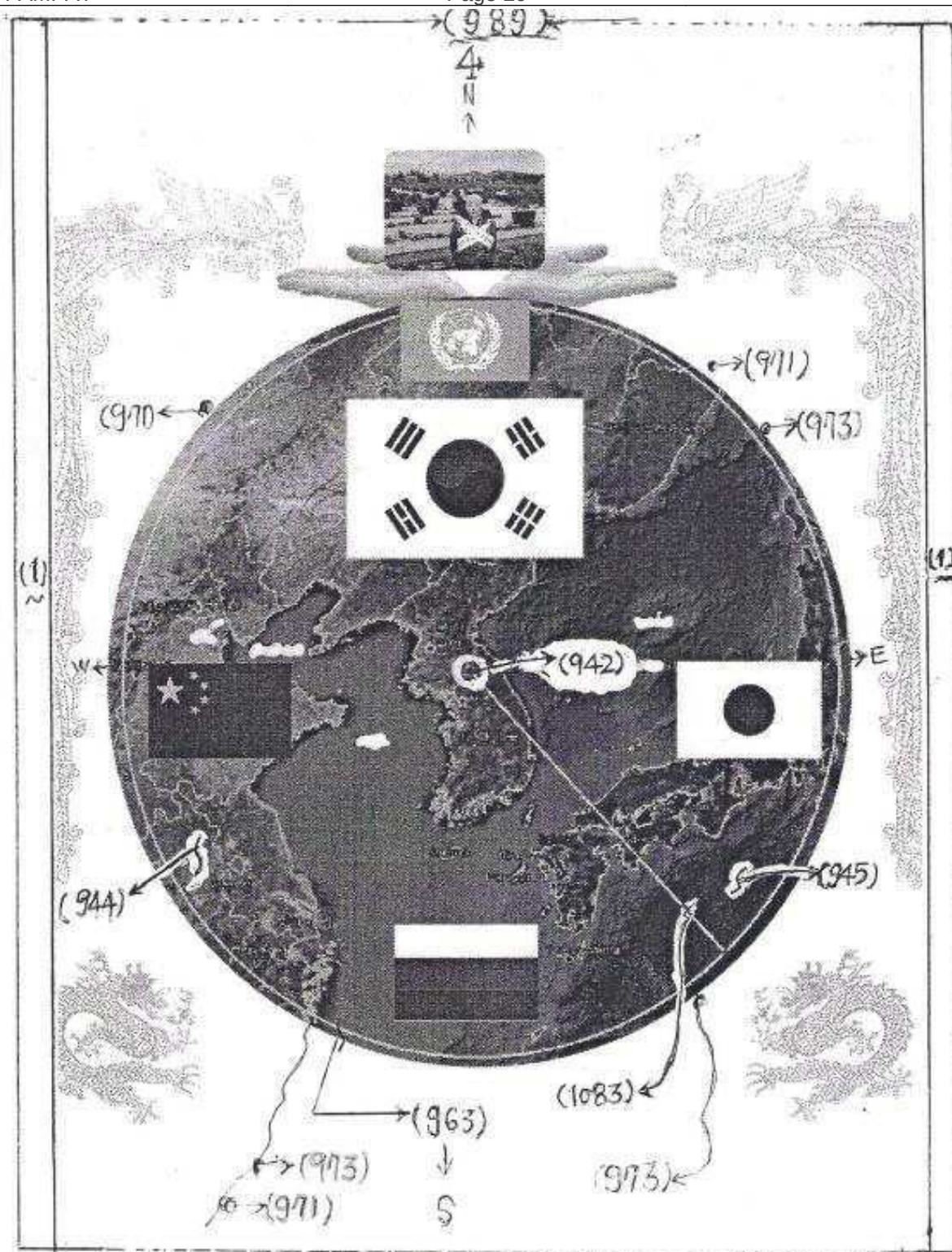
Family 18/20 - FAMPAT - ©Questel

Title

(KR20140005836)

Public waters reclamation device having peace retained construction machine

Images



Publication numbers with kind code & date

KR20140094481	A	2014-07-30	KR20140094481
KR20140005836	A	2014-01-15	KR20140005836



Abstract

(KR20140005836)

The present invention relates to a public waters reclamation device having a peace retained construction machine to promptly and efficiently prevent various natural disasters including large forest fires caused by droughts and floods on the land or around the sea, Asian dust, heavy snowfall, intense heat, typhoon, earthquakes and tidal waves, landslides, and radioactive contamination and various territorial disputes, wars, and terrorism based on the weather forecast of a National Weather Service which checks and analyzes weather data transmitted from a flood control device and an artificial satellite inside the body of the public waters reclamation device using reclamation devices having a nonpolluting natural energy construction machine, although a conventional technique has side effects due to a construction delay by executing a

reclamation process using an engine which uses oil for operation.

Inventors

LEE, WOO SUNG

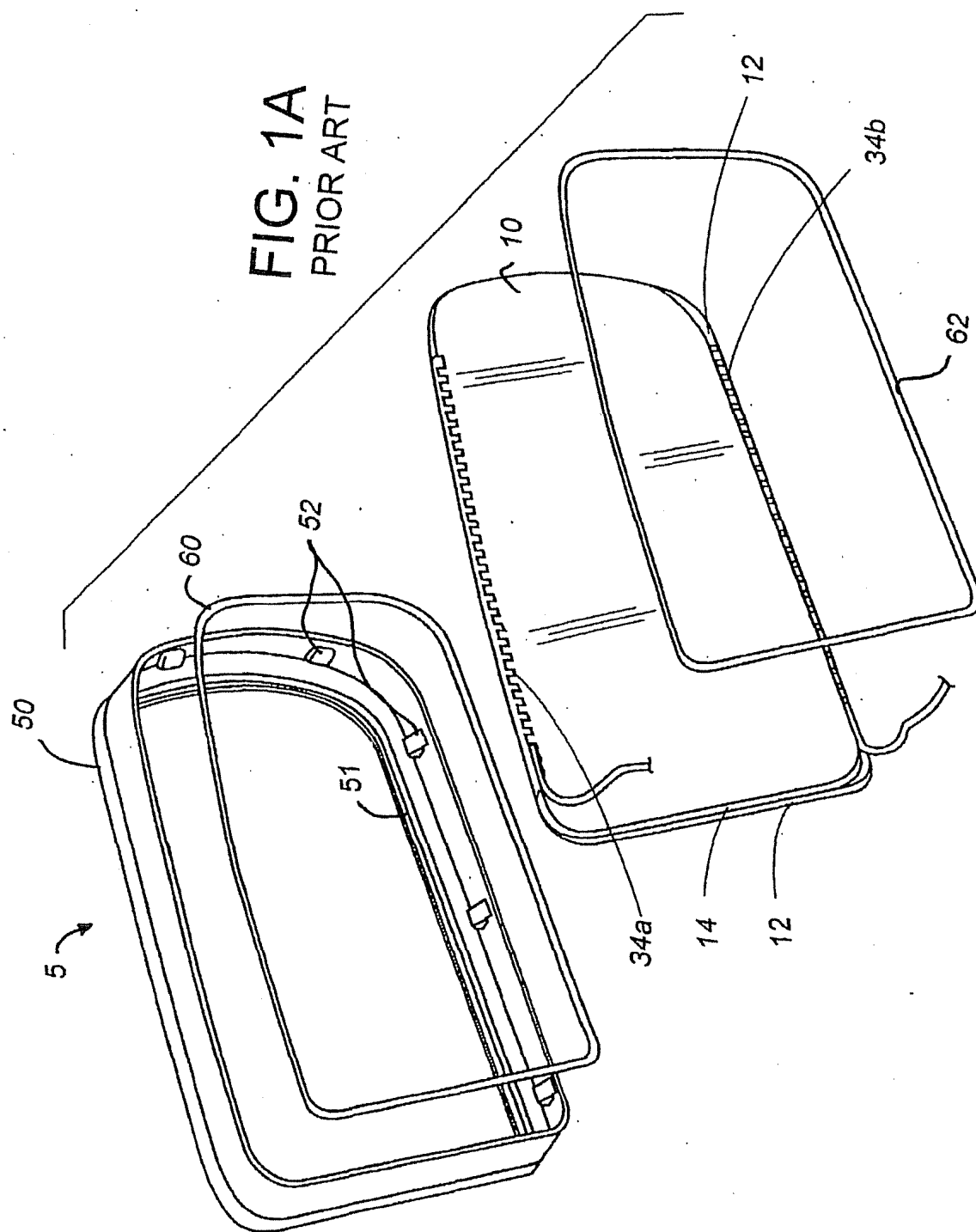
Family 19/20 - FAMPAT - ©Questel

Title

(EP1620763)

Vehicular rearview mirror

Images



Publication numbers with kind code & date

EP2322984

B1 2017-07-26

EP2322984

CN102323698

B 2016-12-14

CN102323698B

CN101738812

B 2013-10-23

CN101738812B

JP5296755

B2 2013-06-21

JP5296755



JP2012168554	A	2012-09-06	JP2012168554				
EP1620763	B1	2012-07-25	EP1620763				
JP4979376	B2	2012-04-27	JP4979376				
CN102323698	A	2012-01-18	CN102323698				
CA2522655	C	2011-08-02	CA2522655				
EP2322984	A1	2011-05-18	EP2322984				
JP2011037436	A	2011-02-24	JP2011037436				
CN101738812	A	2010-06-16	CN101738812				
KR100932776	B1	2009-12-21	KR100932776				
CN100565315	C	2009-12-02	CN100565315C				
EP1620763	A4	2007-10-31	EP1620763				
JP2006526176	A	2006-11-16	JP2006526176				
CN1784631	A	2006-06-07	CN1784631				
KR20060021837	A	2006-03-08	KR20060021837				
EP1620763	A2	2006-02-01	EP1620763				
MXPA05011704	A	2006-01-23	MX2005PA011704				
WO2004/098953	A3	2005-06-30	WO200498953				
CA2522655	A1	2004-11-18	CA2522655				
WO2004/098953	A2	2004-11-18	WO200498953				

Abstract

(EP1620763)

A mirror (110) includes an electro-optic mirror subassembly (111), and a thin-profiled bezel (144) attached around a perimeter of the electrochromic mirror subassembly. The electro-optic mirror subassembly is supported on a carrier by an adheringly bonded heater and foam tape in a laminar arrangement. The bezel may be bonded to an edge of the front surface of the front element of the electro-optic mirror subassembly, and/or may be bonded and/or interlockingly mechanically attached to an edge of the carrier. Alternatively, the bezel can be a strip of paint or thin coating material. The bezel can be molded in place, or can be pre-molded and elastically stretched to permit assembly. In one form, the bezel includes a laterally-extending fin that prevents seeing past the bezel into the inside of a mirror housing.

Inventors

TONAR WILLIAM L

BAUER FREDERICK T

ARNOLD JOHN W

CAMMENG DAVID J

CARTER JOHN W

BUSSCHER BRADLEY L

FOGG JEREMY A

Latest standardized assignees - inventors removed

GENTEX

Family 20/20 - FAMPAT - ©Questel

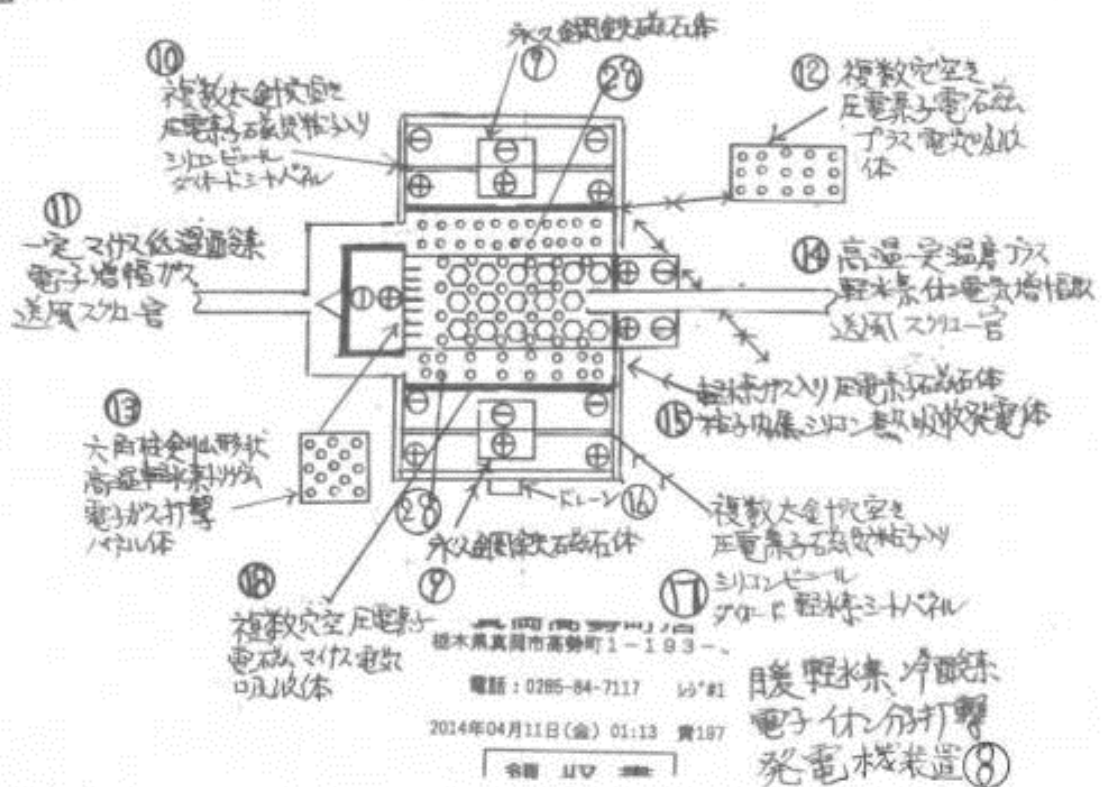
Title

(JP2015167470)

Foundation-managed future agriculture, fishery and forestry integrated small to medium enterprise system

Images

図 14



Publication numbers with kind code & date

JP2015167470

A

2015-09-24

JP2015167470



Abstract

(JP2015167470)

PROBLEM TO BE SOLVED: To solve the problem in which unavoidable debt of Japan causes national taxes disallowing escape from a total debt payment life, because conventional agriculture, fishery and forestry and small to medium enterprises do not have intellectual property patent rights or the like, are doing expense processing work of large enterprises of subcontracted work from the large enterprises, and follow a life management society based on prices of

commodities determined by the large enterprises.

SOLUTION: A way of an agriculture, fishery and forestry small to medium enterprise neutral country for life protection of remaining enterprises in a permanently self-sufficient Japanese society is to be permanently written in a world historical calendar together with a high-output power-generation hexagonal connected power-generation circuit sheet panel system, which has been made up from the past with Japanese technology of agriculture, fishery and forestry and small to medium enterprises different from technology in foreign countries on the basis of inherent Japanese Yamato spirit of Yamato people full of intelligence that has been present since the era of Yamato, and avoids war, protects plants for permanent absence of scarcity of food, protects fossil resources, and continues trips for visiting eternal friends.

COPYRIGHT: (C)2015,JPO&INPIT

Inventors

SONNO KAZUO