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Results: 100

1) Family number: 43836001 (US2011015469A)

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Title: BRAIN STIMULATION SYSTEMS AND METHODS

Abstract: Systems and methods for brain stimulation.

Classifications:

International (IPC 8-9): A61B5/00 A61B5/0478 A61B5/0484 A61B5/0488 A61B5/0496 A61M21/00 A61M21/02 A61N2/00

G09B5/02 (Advanced/Invention);

A61B18/00 A61M21/00 A61N5/06 G09B19/00 (Advanced/Non-invention);

A61M21/00 (Core/Invention)

CPC: A61B5/4806 A61B2018/00571 G09B19/00 A61M2021/0016

A61M2021/0027 A61M2021/0044 A61M2205/502 A61M2230/10

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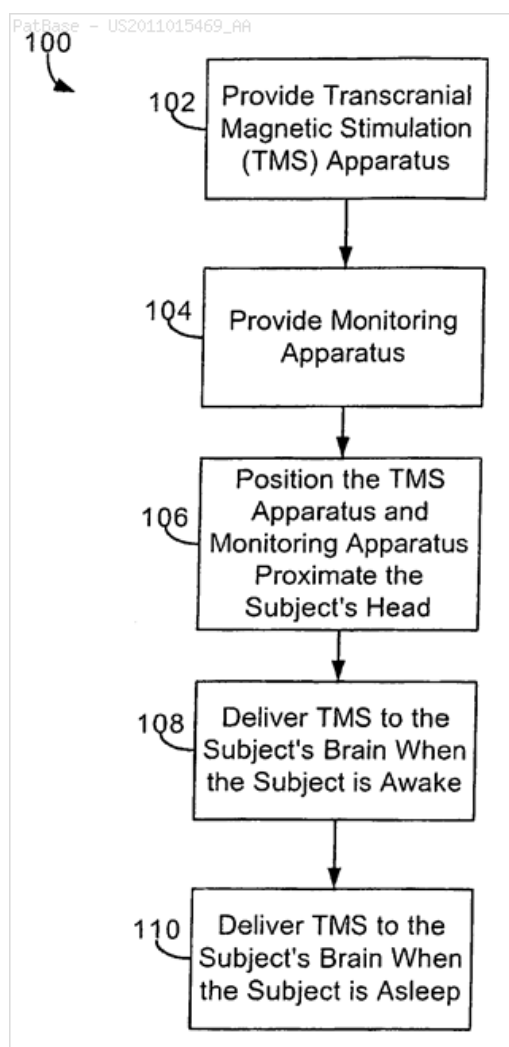
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K61M21/00A6 K61M230/10 K61M230/18 K61M230/60 K61N5/06T2P

US: 1/1 434/236 600/27 600/27P 600/544 600/546 600/558



Family:

Publication number	Publication date	Application number	Application date
US2011015469 AA	20110120	US20080514948	20081006
US2015379878 AA	20151231	US20150844765	20150903
US9149599 BB	20151006	US20080514948	20081006
US9984584 BB	20180529	US20150844765	20150903
WO09126179 A1	20091015	WO2008US78940	20081006

Priority:

US20080043513P 20080409 US20080514948 20081006 WO2008US78940 20081006
US20090514948 20090514 US20150844765 20150903

Probable Assignee: LOTUS MAGNUS LLC

Assignee(s): (std): LOTUS MAGNUS LLC ; MARAR UMA ; WALTER TIMOTHY J

Inventor(s): (std): WALTER TIMOTHY J ; MARAR UMA ; WALTER TIMOTHY

Agent(s): MUETING RAASCH AND GEBHARDT PA; FINALA AND WEAVER PLLC; FIALA AND WEAVER PLLC; RAASCH KEVIN W

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

2) Family number: 59401008 (US2015153062A)

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Title: AIR CONDITIONER

Abstract: An air conditioner is provided that may include a setting unit to set a predetermined function to be embodied or displayed with lighting, a storing unit to store at least one illumination pattern information, a control unit to connect the function input by the setting unit to an illumination pattern stored in the storing unit, and a lighting unit to be lighted according to the illumination pattern information connected to the function by the control unit.

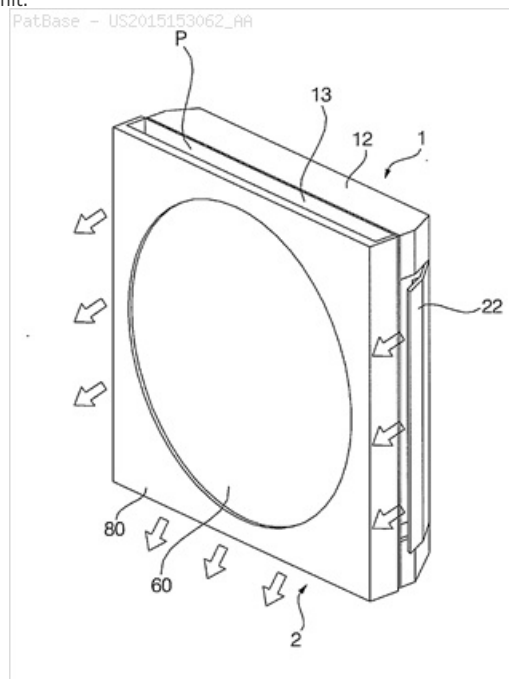
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A61M21/00 (Advanced/Non-invention)

CPC: F25D27/005 G05B15/02 H05B37/0272 H05B37/0227 H05B33/0842 A61N2005/0663 A61N2005/0626 A61N5/0618 F24F5/0096 F24F2221/02 A61M21/00 A61M21/02 A61M2021/0044 A61M2205/3553 A61M2205/3569 A61M2205/3584 A61M2205/3592 A61M2205/505 A61N2005/0636 F24F13/078 F24F2221/26 F24F11/62 F24F11/64 F24F2011/0058 F24F2011/0068 F24F2011/0091 F24F11/30 F24F11/52 F24F11/56 F24F2130/00 F24F2130/10 F24F11/89 F24F1/00 H05B37/02

US: 315/307 607/90 62/132



Family:

Publication number	Publication date	Application number	Application date
CN104713179 A	20150617	CN201410687450	20141125
CN104713179 B	20180123	CN201410687450	20141125
EP2884195 A1	20150617	EP20140194758	20141125
KR20150060066 A	20150603	KR20130144032	20131125
US2015153062 AA	20150604	US20140553778	20141125
US9945577 BB	20180417	US20140553778	20141125

Priority:

KR20130144032 20131125

Probable Assignee: LG ELECTRONICS

Assignee(s): (std): LG ELECTRONICS ; LG ELECTRONICS INC

Inventor(s): (std): OH YONGSEOK ; KIM SEULKI ; CHOI JIHOON ; JIHOON CHOI ; YONGSEOK OH ; SEULKI KIM ; KIM SEUL KI ; CHOI JI HOON ; OH YONG SEOK

Agent(s): VOSSIUS AND PARTNER PATENTANWALTE RECHTSANWALTE MBB; KED AND ASSOCIATES LLP

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

3) Family number: 68006029 (US2017368298A)

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Title: FACE PLUNGE DEVICE AND METHODS FOR TRIGGERING THE CENTRAL NERVOUS SYSTEM AND PROMOTING HUMAN HEALTH AND BEAUTY BENEFITS USING SAME

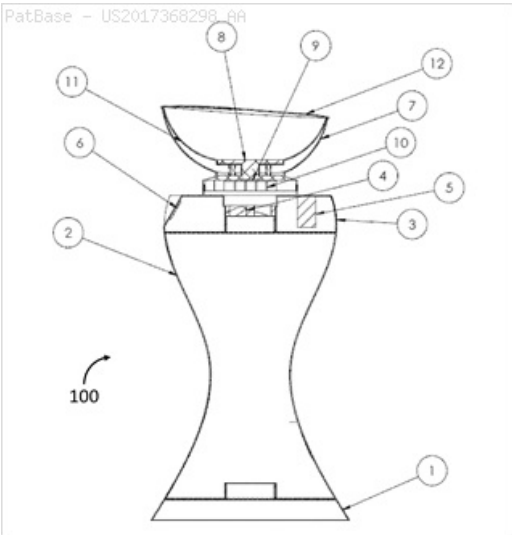
Abstract: The present disclosure describes a manual or automated face plunge comprising a water reservoir, and optionally a chilling apparatus comprising one or more thermoelectric coolers to chill the water, and a controller to electronically control the

chilling apparatus. The disclosure further describes methods for chilling the face, triggering the central nervous system, promoting human health, promoting human beauty, and promoting aesthetic benefits to a human in need thereof, comprising immersing the face of the person in the face plunge in accordance to various immersion regimens. In various aspects, the face plunge comprises ice-cold water for the facial immersions.

Classifications:

International (IPC 8-9): A45D44/00 A61F7/00 A61H35/00 A61M21/02 A61N5/06 (Advanced/Invention); A61M21/00 (Advanced/Non-invention)

CPC: A61M21/02 A61F7/007 A61N5/0622 A61H35/008 A45D44/00 A61F2007/0003 A61H2201/0221 A61M2021/0066 A61N2005/0663 A61H2201/0214 A61M2205/053 A61M2205/3606 A61N5/0618 A61N2005/0642 A61N2005/0668 A61F7/0085 A61F2007/0063 A61H2201/0242 A61H2201/10 A61H2205/022



Family:

Publication number	Publication date	Application number	Application date
US2017368298 AA	20171228	US20170636312	20170628

Priority:

US20160355720P 20160628 US20170636312 20170628

Probable Assignee: BOJANOVA DINKA

Assignee(s): (std): BOJANOVA DINKA

Inventor(s): (std): BOJANOVA DINKA

4) Family number: 54079029 (US2014364683A)

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Title: ILLUMINATION SIGNAL, SYSTEM AND METHOD

Abstract: An illumination system is provided comprising a light source and a controller and being configured to provide an illumination signal (15) for, when perceived by a mammalian, in particular human, subject, inducing relaxing in the subject. The signal comprises a plurality of light pulses (17) having a pulse duration (T17) and being separated by inter-pulse intervals (19). The light pulses are grouped in stimuli (21) which have a stimulus duration (T21) and are separated by inter-stimuli intervals (23). The stimuli are grouped in stimulation sequences (25) which have a stimulation sequence duration (T25) and are separated by inter-sequence intervals (27). An illumination signal, a method, and a computer program product are also provided.

Classifications:

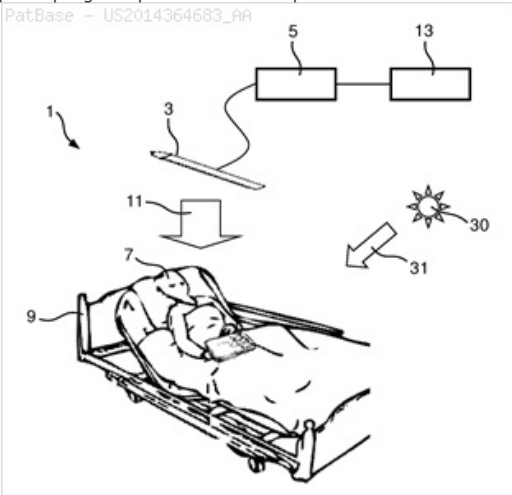
International (IPC 8-9): A61M21/00 A61M21/02 A61N5/06 (Advanced/Invention)

CPC: A61M21/02 A61M2021/0044 A61N5/0618 A61N2005/0626 A61N2005/0636 A61N2005/0644 A61N2005/0647 A61N2005/0652 A61N2005/0663

US: 600/27

JP F-Term: 4C105

JP F-Index: A61M21/00/320 A61M21/02/H



Family:

Publication number	Publication date	Application number	Application date
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EP2788065 A1	20141015	EP20120816345	20121123
JP2015502813 T2	20150129	JP20140545398T	20121123
US2014364683 AA	20141211	US20120363564	20121123
WO13084104 A1	20130613	WO20121B56652	20121123

Priority:

Probable Assignee: PHILIPS KONINKLL NV

Assignee(s): (std): KONINKL PHILIPS ELECTRONICS NV ; KONINKL PHILIPS NV

Assignee(s): KONINKLIJKE PHILIPS ELECTRONICS N V ; PHILIPS ELECTRONICS KONINKLL NV ; PHILIPS KONINKLL NV

Inventor(s): (std): GARCIA MOLINA GARY NELSON ; TSONEVA TSVETOMIRA KIROVA ; WAGENAAR CACCIOLA GIOVANNA ; WEFFERS ALBU MIRELA ALINA

Agent(s): VAN EEUWIJK ALEXANDER HENRICUS WALTHERUS; OHNUKI SHINSUKE; ITOH TADAHIKO; ITOH TADASHIGE; VAN EEUWIJK ALEXANDER HENRICUS WALTERUS ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY NZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

5) Family number: 32022049 (US2005137652A)

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Title: SYSTEM AND METHOD FOR INTERFACING CELLULAR MATTER WITH A MACHINE

Abstract: A system for interfacing cellular matter with a machine comprising a transponder implantable in cellular matter and configured to detect a first signal. The system also includes a receiver external to the cellular matter and configured to receive a second signal in response to the transponder detection of the first signal. A transmitter is also included in the system to transmit a third signal to a machine in response to the receiver receipt of the second signal.

Classifications:

International (IPC 8-9): A61B5/00 A61B5/0476 A61B5/0484 A61B5/12

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A61M5/158 A61M5/315 A61M5/32 A61N1/00 A61N1/02 A61N1/04

A61N1/05 A61N1/06 A61N1/08 A61N1/34 A61N1/36 A61N1/372

A61N1/375 A61N2/00 A61N5/06 A61N7/00 G09B19/00 G09B23/28

H04B1/04 H04R25/00 (Advanced/Invention);

A61B5/11 A61M21/00 A61M21/02 A61N1/05 A61N1/36

A61N1/372 (Advanced/Non-invention);

A61B5/00 A61B5/0476 A61F11/00 A61F2/02 A61F2/48 A61H1/00

A61M21/00 A61M5/14 A61M5/315 A61M5/32 A61N1/02 A61N1/06

A61N1/08 A61N1/32 A61N1/36 A61N1/372 G09B23/00

H04B1/04 (Core/Invention)

International (IPC 1-7): A61N1/08

CPC: A61N1/37223 A61N1/40 A61N1/08 H01F17/0006 H01F27/402

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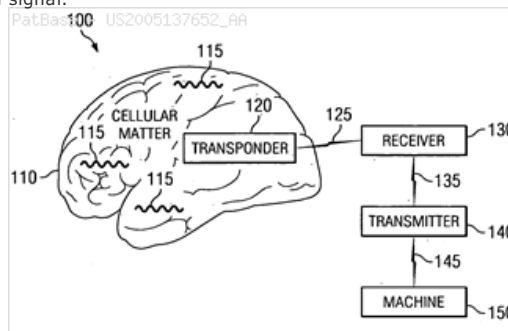
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WO11139777 A2	20111110	WO2011US34152	20110427
WO11139777 A3	20120329	WO2011US34152	20110427
WO13070384 A1	20130516	WO2012US60131	20121012
WO13081801 A1	20130606	WO2012US64501	20121109

Priority:

US20030741136	20031219	US20070990278P	20071126	US20080077648P	20080702
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WO2009US49321	20090630	US20090558734	20090914	US20090611105	20091102
US20100328619P	20100427	US20100328621P	20100427	US20100329058P	20100428
US20100332164P	20100506	US20110449603P	20110304	US20110095542	20110427
US20110095570	20110427	US20110328621P	20110427	US20110627532P	20111013
US20110558287P	20111110	US20120598185P	20120213	US20120614369P	20120322
US20120562973	20120731	US20120699470P	20120911	US20120651349	20121012
WO2012US60131	20121012	US20120673764	20121109	WO2012US64501	20121109
US20130908592	20130603	US20130934893	20130703	US20130941986	20130715
US20140252727	20140414	US20140286220	20140523	US20140286177	20140523
US20140497907	20140926	US20140500325	20140929	US20140527194	20141029
US20140527295	20141029	US20140527316	20141029	US20140527370	20141029
US20140527253	20141029	US20140527406	20141029	US20140673764	20141109
US20140538400	20141111	US20140538457	20141111	US20140538421	20141111
US20140550286	20141121	US20140550357	20141121	US20140560735	20141204
US20140579438	20141222	US20150808509	20150724	US20150809781	20150727
US20160382970	20161219	US20170422958	20170202	US20170496766	20170425
US20190284754	20190225				

Probable Assignee: BOARD OF REGENTS UNIV OF TEXAS SYSTEM

Assignee(s): (std): ARMSTRONG SCOTT ; BOARD OF REGEBTS UNIV OF TEXAS SYSTEM ; BOARD OF REGENTS UNIV OF TEXAS SYSTEM ; CAULLER LARRY ; ENGINEER NAVZER DARA ; JAIN RAVI ; CAULLER LAWRENCE J ; LEHMAN GUENTER H ; CAULLER LAWRENCE JAMES ; LEHMAN GUNTER ; ZYVEX CORP ; WEINER RICHARD ; UNIV TEXAS ; ROSELLINI WILL ; MICROTRANSPONDER INC ; CAULLER LAWRENCE ; MICRO TRANSPONDER INC ; ENGINEER NAZER ; KILGARD MICHAEL ; MCINTYRE CHRISTA ; RENNAKER ROBERT L ; PIERCE DAVID MICHAEL ; RODRIGUEZ CHRISTA MCINTYRE ; ENGINEER NAVZER ; KILGARD MICHAEL P

Assignee(s): NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEALTH AND HUMAN SERVICES DHHS US GOVERNMENT ; THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM ; THE BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM ; MICRO TRANSPONDER ; ZYVEX LABS LLC ; SILICON VALLEY BANK ; OF TEXAS SYSTEM UNIV ; BOARD OF UNIV ; BOARD OF UNIV OF TEXAS AT DALLAS ; BOARD OF REGENTS UNIV OF TEXAS SY ; BOARD OF UNIV OF TEXAS SYSTEM ; BOARD OF REGENTS ; BOARD OF REGENTS UNIV ; BOARD OF UNIV TEXAS AT DALLAS

Inventor(s): (std): MCLNTYRE CHRISTA ; ROSELLINI WILL ; MCINTYRE CHRISTA ; ENGINEER NAZER ; KILGARD MICHAEL ; CAULLER LAWRENCE ; WEINER RICHARD ; CAULLER LAWRENCE JAMES ; MCINTYRE RODRIGUEZ CHRISTA ; KILGARD MICHAEL P ; ARMSTRONG SCOTT ; PIERCE DAVID MICHAEL ; JAIN RAVI ; LEHMAN GUENTER H ; CAULLER LARRY ; ROSELLINI WILL ; ENGINEER NAVZER ; CAULLER LAWRENCE J ; NILSEN ERIK ; RODRIGUEZ CHRISTA MCINTYRE ; ENGINEER NAVZER DARA ; LEHMAN GUNTER ; RENNAKER ROBERT L ; LAWRENCE CAULLER ; CAULLER LAWRECE JAMES

Inventor(s): RICHARD WEINER ; CHRISTA MCINTYRE ; WILL ROSELLINI ; MICHAEL KILGARD ; LARRY CAULLER ; NAZER ENGINEER

Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; HERBERT SMITH FREEHILLS; FREEHILLS PATENT ATTORNEY S; FPA PATENT ATTORNEYS PTY LTD; SCHOHE STEFAN; HAYNES AND BOONE LLP; GROOVER AND ASSOCIATES; DAVID C CAIN; CONLEY ROSE P C; GRANT; CONLEY ROSE PC; LOWE HAUPTMAN HAM AND BERNER LLP; LOWE HAUPTMAN AND HAM LLP; HAUPTMAN HAM LLP; GROOVER ROBERT O; CAIN DAVID C; CONLEY ROSE P C ET AL; CONLEY ROSE PC ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VZ VN ZA ZM ZW

6) Family number: 49227063 (KR20110079577A)

PatBase

Title: MULTIPLE THERAPY MACHINE

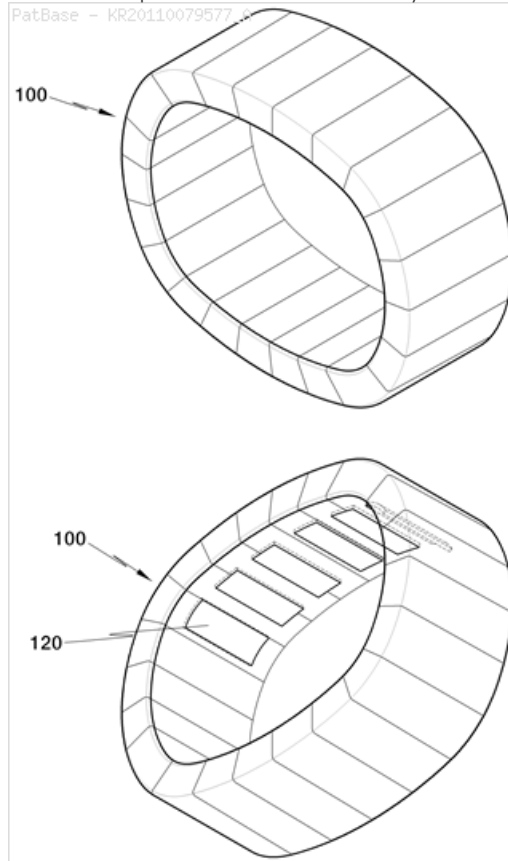
Abstract: PURPOSE: A complex treatment apparatus is provided to obtain the status information of a user and to offer a treatment function suitable for the user. CONSTITUTION: A complex treatment apparatus includes a treatment main body, a controller, a body frame, and a built-in pad. The treatment main body(100) is equipped with a light treatment instrument and sound treatment instrument. The controller offers one or two or more among optimal light, sound, and aroma to a user. The body

frame is connected while surrounding the bottom portion and ceiling portion. The built-in pad is installed inside the body frame.

Classifications:

International (IPC 8-9): A61L9/14 A61N5/06 (Advanced/Invention);
A61L9/14 A61N5/06 (Advanced/Non-invention)

CPC: A61N5/06 A61L9/14 A61N5/0618 A61F7/0053 A61M21/02
A61M2021/0016 A61M2021/0027 A61M2205/051 A61N2005/005
A61N2005/0626 A61N2005/0636 A61N2005/0663 G16H10/60



Family:

Publication number	Publication date	Application number	Application date
KR20110079577 A	20110707	KR20110028841	20110330

Priority:

KR20110028841 20110330

Probable Assignee:

PARK IL JU

Assignee(s): (std):

PARK IL JU

Inventor(s): (std):

PARK IL JU

7) Family number: 63565070 (US2018043130A)

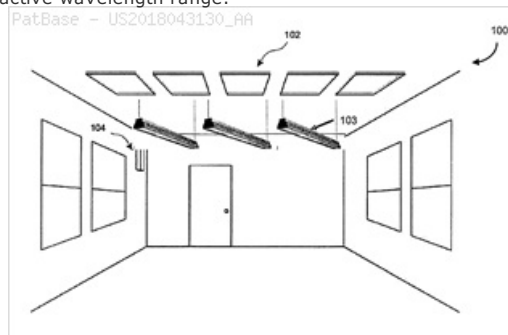
© PatBase

Title: SYSTEMS AND METHODS FOR CONTROLLING ENVIRONMENTAL ILLUMINATION

Abstract: Systems and methods for controlling environmental illumination relative to circadian function of individuals are provided. A method is provided for controlling the operation of light sources by assigning a circadian state to the individual based on received electronic information, extrapolating future circadian states based on the assigned circadian state, the assigned circadian state or the extrapolated future circadian states including at least a biological night state, and encoding machine-level control commands that control the operation of the light source for transmission to the light sources adapted for the biological night state by having circadian-significant attenuation along the circadian active wavelength range.

Classifications:

International (IPC 8-9): A61M21/00 A61M21/02 A61N5/00 A61N5/06
G16H20/30 H05B37/02 (Advanced/Invention)
CPC: A61M2205/3306 A61M2205/3368 A61M2205/3569 A61M2205/3592
A61M2205/50 A61M2205/584 H05B37/0218 H05B37/0281 Y02B20/42
Y02B20/46 A61N2005/0636 H05B37/0227 H05B37/0272 A61M21/02
A61M21/0094 A61M2021/0044 A61N5/0618 A61N2005/0626
A61N2005/0638 A61N2005/0663 G16H20/30



Family:

Publication number	Publication date	Application number	Application date
AU2016229839 AA	20171026	AU20160229839	20160309
CA3017104 AA	20180907	CA20163017104	20160309

EP3269210 A1	20180117	EP20160762412	20160309
EP3269210 A4	20181031	EP20160762412	20160309
US2018043130 AA	20180215	US20160556793	20160309
WO16145059 A1	20160915	WO2016US21530	20160309

Priority:

US20150130382P 20150309 US20150130402P 20150309 US20150130406P 20150309
WO2016US21530 20160309 US20160556793 20160309

Probable Assignee: CIRCADIAN ZIRCLIGHT INC

Assignee(s): (std): CIRCADIAN ZIRCLIGHT INC

Assignee(s): FASSLER IRENE ; HEITMANN ANNEKE ; MOORE EDE MARTIN ; PLATIKA DOROS ; ROA HARISH ; TRUTSCHEL UDO ; SMITH MARK ; LUCIANI JOHN ; APPLEMAN KEN

Inventor(s): (std): APPLEMAN KEN ; ROA HARISH ; LUCIANI JOHN ; TRUTSCHEL UDO ; MOORE EDE MARTIN ; PLATIKA DOROS ; FASSLER IRENE ; SMITH MARK ; HEITMANN ANNEKE ; RAO HARISH

Agent(s): HOULIHAN² PTY LTD; NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; TOMBLING ADRIAN GEORGE; WILSON MARK B

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

8) Family number: 67319071 (US2018160490A)

© PatBase

Title: SOLID-STATE CIRCADIAN RHYTHM LAMP AND RELATED CONTROL TECHNIQUES

Abstract: A solid-state circadian rhythm lamp and related control techniques are disclosed. The lamp may have a night/pre-sleep emissions mode in which it emits light having a correlated color temperature (CCT) of about 1,800-2,300 K, the spectral power ratio of blue light (400-495 nm) being such that it constitutes about 10 percent or less of the total light emitted. The lamp may have a day/wakeup emissions mode in which it emits light having a CCT of about 5,000-8,000 K, the spectral power ratio of blue light being such that it constitutes about 30 percent or more of the total light emitted. The lamp may have a general lighting mode in which it produces a combined light output having a CCT of about 2,500-5,000 K. The lamp driver may support emissions mode changing based on hysteresis relating to a lighting switch associated with a power socket hosting the lamp.

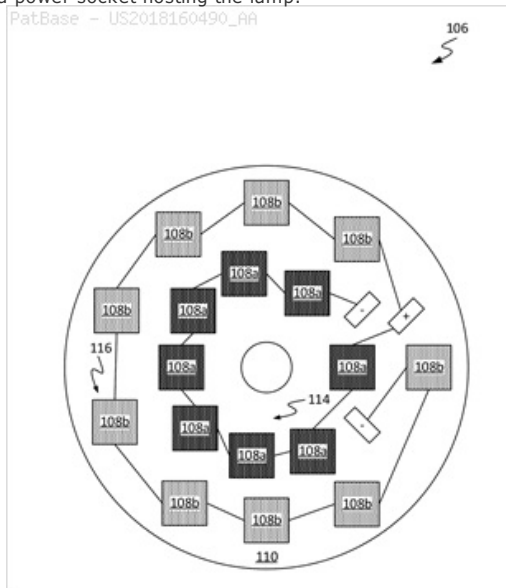
Classifications:

International (IPC 8-9): A61M21/02 A61N5/06 F21K9/232 F21K9/233 F21K9/238 F21S10/02 F21V17/12 F21V19/00 F21V23/00 F21V29/89 F21V9/00 F21Y115/10 H05B33/08 H05B37/02 (Advanced/Invention); A61M21/00 F21Y115/10 (Advanced/Non-invention)

CPC: F21Y2105/10 F21Y2105/12 F21Y2113/13 F21Y2115/10 F21V19/001 F21V23/003 F21V29/89 H05B33/0842 F21V17/12 H05B33/086 F21K9/233 A61N2005/0663 A61N5/0618 A61N2005/0651 F21K9/238 F21K9/232 H05B37/0272 H05B37/0281 H05B33/0863 A61M21/02 A61M2021/0044 H05B33/0845 A61M2021/0083 A61N2005/0652 A61N2005/0654 Y02B20/42 A61N2005/0626 A61M2205/3569 A61M2205/3584 A61M2205/3592 A61M2205/50

US: 315/186

PatBase - US2018160490_AA



Family:

Publication number	Publication date	Application number	Application date
CN107327724 A	20171107	CN201710264750	20170421
DE102017108687 A1	20171026	DE201710108687	20170424
US2018160490 AA	20180607	US20170479882	20170405
US2018295696 AA	20181011	US20180009763	20180615
US10004122 BA	20180619	US20170479882	20170405
US10278252 BB	20190430	US20180009763	20180615

Priority:

US20160326200P 20160422 US20170479882 20170405 US20180009763 20180615

Probable Assignee: LEDVANCE LLC

Assignee(s): (std): DUTTA ARUNAVA ; GUPTA VIDISHA ; HEGDE RAVIDASA ; LEDVANCE LLC ; RIOUX PHILIP GERARD ; LI MING ; MILLIEZ ANNE JANET

Inventor(s): (std): HEGDE RAVIDASA ; GERARD RIOUX PHILIP ; JANET MILLIEZ ANNE ; GUPTA VIDISHA ; DUTTA ARUNAVA ; LI MING ; ARUNAVA DUTTA ; ANNE JANET MILLIEZ ; RAVIDASA HEGDE ; VIDISHA GUPTA ; PHILIP GERARD RIOUX ; MING LI ; RIOUX PHILIP GERARD ; MILLIEZ ANNE JANET

Agent(s): HAYES SOLOWAY PC

Title: SYSTEMS AND METHODS USING BRAIN STIMULATION FOR TREATING DISORDERS

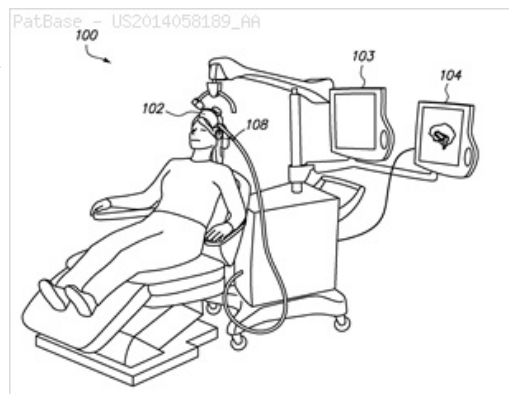
Abstract: Systems and methods are disclosed for electromagnetically stimulating a brain and pairing temporally associated sensory stimulation to treat a neurologic or psychiatric disorder or to enhance cognitive, motor, social, or psychological skills. In addition, a non-invasive brain stimulation device is configured to stimulate a patient's brain by emitting an electromagnetic field based on certain stimulation parameters that may be dynamically adjusted based on measurements regarding brain activity. An additional exemplary embodiment of the disclosed subject matter is a method of neuroplastic augmentation using brain stimulation designed to augment, hasten, enhance, optimize, or improve a secondary neurologic or psychiatric treatment for a brain illness.

Classifications:

International (IPC 8-9): A61M21/02 A61N2/00 (Advanced/Invention)

CPC: A61N2/002 A61N2/006 A61M21/02 A61M2021/0016 A61M2021/0022 A61M2021/0033 A61M2021/0038 A61M2021/005 A61M2021/0055 A61M2021/0066 A61M2021/0077

US: 600/13



Family:

Publication number	Publication date	Application number	Application date
US2014058189 AA	20140227	US20130768819	20130215

Priority:

US20120601005P 20120220 US20130768819 20130215

Probable Assignee: STUBBEMAN WILLIAM F

Assignee(s): (std): STUBBEMAN WILLIAM F

Inventor(s): (std): STUBBEMAN WILLIAM F

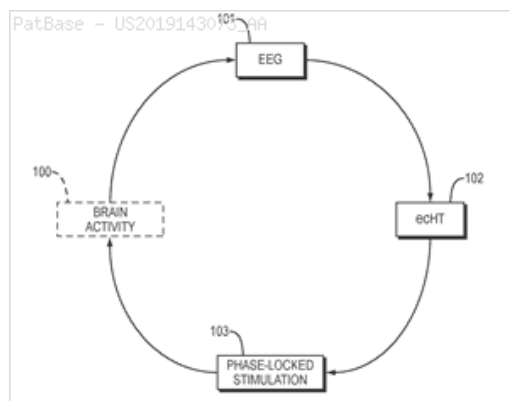
Title: METHODS AND APPARATUS FOR INDUCING OR MODIFYING SLEEP

Abstract: A neuromodulator may output stimuli that causes a user to fall asleep faster than the user would in the absence of the stimuli. Alternatively, the stimuli may modify a sleep state or behavior associated with a sleep state, or may cause or hinder a transition from a waking state to a sleep state or from a sleep state to another sleep state. The neuromodulator may take electroencephalography measurements. Based on these measurements, the neuromodulator may detect, in real time, instantaneous amplitude and instantaneous phase of an endogenous brain signal. The neuromodulator may output stimulation that is, or that causes sensations which are, phase-locked with the endogenous brain signal. In the course of calculating instantaneous phase and amplitude, the neuromodulator may perform an endpoint-corrected Hilbert transform. The stimuli may comprise auditory, visual, electrical, magnetic, vibrotactile or haptic stimuli.

Classifications:

International (IPC 8-9): A61B5/00 A61B5/04 A61B5/0484 A61M21/00 A61M21/02 (Advanced/Invention)

CPC: A61M21/02 A61B5/0484 A61B5/04014 A61M2021/0027 A61B5/4812 A61M2230/10 A61M2021/0044 A61M2021/0055 A61M2021/0072 A61M2205/50 A61B5/4836 A61B5/7257 A61M21/00 A61M2205/3375 A61M2205/3561 A61M2205/52 A61M2230/42 A61M2230/63 A61M2021/0022 A61M2205/054 A61M2205/057 A61M2205/058 A61M2205/3306 A61M2205/332 A61M2205/3592 A61M2205/505 A61M2205/8206 A61M2230/04 A61M2021/0038 A61M2205/3584 A61M2210/0693 A61N1/00 A61N2/00 A61N5/06 A61N7/00 G16H10/00 A61M2230/06 A61M2230/14



Family:

Publication number	Publication date	Application number	Application date
US2019143073 AA	20190516	US20180231478	20181222
WO19055719 A1	20190321	WO2018US50974	20180913

Priority:

US20170558237P 20170913 US20180131022 20180913 US20180231478 20181222

Probable Assignee: NUVU LLC

Assignee(s): (std): MASSACHUSETTS INST TECHNOLOGY ; NUVU LLC

Assignee(s): MASSACHUSETTS INST OF TECHNOLOGY

Inventor(s): (std): GOSSMAN NIR ; WANG DAVID ; BOYDEN EDWARD S ; GROSSMAN NIR ; BOYDEN EDWARD

Agent(s): OTIS STEPHEN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

11) Family number: 67172093 (US2017291538A)

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Title: UNIVERSAL MOTION SICKNESS COUNTERMEASURE SYSTEM

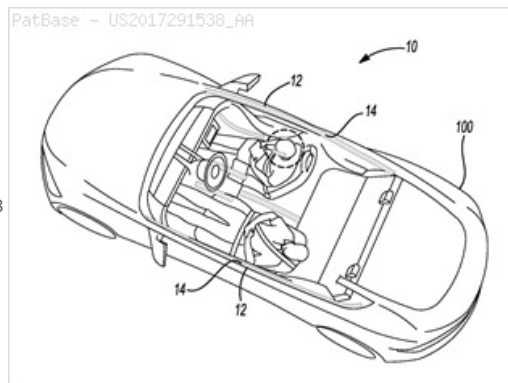
Abstract: A motion sickness countermeasure system for a user within a vehicle having a light array system configured to output visual stimuli presented in a field of view of the user; and a controller outputting a control signal to the light array system to activate the light array system in such a way as to mimic the visual input one would receive if one were to look outside the vehicle.

Classifications:

International (IPC 8-9): A61M21/00 A61M21/02 B60Q3/51 B60Q3/66 B60Q3/70 B60Q3/80 B60R16/023 B60W40/08 B60W40/105 B60W40/11 B60W40/114 (Advanced/Invention); A61M21/00 (Advanced/Non-invention)

CPC: B60Q3/80 B60Q3/66 B60Q3/51 B60Q3/70 A61M21/02 A61M2021/0044 A61M2021/005 A61M21/00 A61M2205/332 A61M2205/50 A61M2205/8206 A61M2209/088 A61N5/0618 B60W40/08 A61N2005/0626 A61N2005/063 A61N2005/0644 A61N2005/0645 A61N2005/0648 A61N2005/0652 B60R16/0232 B60W40/105 B60W40/114 B60W2040/0818

US: 1/1 315/77



Family:

Publication number	Publication date	Application number	Application date
CN109070897 A	20181221	CN201780028111	20170405
EP3439934 A1	20190213	EP20170779771	20170405
KR20180123697 A	20181119	KR20187029706	20170405
US2017291538 AA	20171012	US20170478275	20170404
US9862312 BB	20180109	US20170478275	20170404
WO17176920 A1	20171012	WO2017US26205	20170405

Priority:

US20160318903P 20160406 US20160317979P 20160808 US20160371979P 20160808
US20170478275 20170404 WO2017US26205 20170405

Probable Assignee: THE UNIV OF MICHIGAN

Assignee(s): (std): UNIV MICHIGAN REGENTS

Assignee(s): THE UNIV OF MICHIGAN

Inventor(s): (std): SCHOETTLE BRANDON ; SIVAK MICHAEL

Agent(s): WITTE WELLER AND PARTNER PATENTANWALTE MBB; HARNESS DICKEY AND PIERCE PLC; SNYDER JEFFREY L ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

12) Family number: 44330100 (WO10015080A1)

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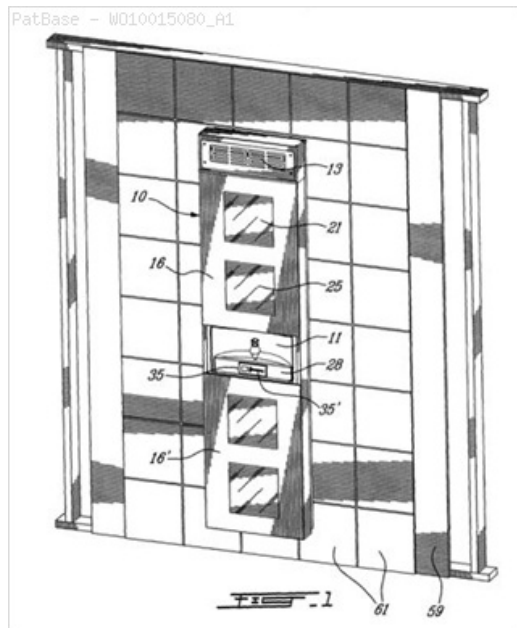
Title: WALL INTEGRATED MULTISENSORY THERAPY DEVICE

Abstract: A wall integrable multisensory therapy device for securement in a wall of a room dedicated for physiological therapeutic treatment is described. The device has a convection conduit with a bottom air intake and a top air outlet. A blower is secured between the inlet port and outlet port to heat air convected therethrough. Associated with the convection conduit is a front panel incorporating therein audio speakers and two different light sources, one being a white light source and the other being a colored light source. The white light source provides a luminothepapeutic sensation and the colored light source provides a chromotherapeutic sensation. The heated air provides a thermotherapeutic sensation. An aromatic liquid dispenser is also associated with the front panel provides an aromatherapeutic sensation. An audio transmitter equipped with speakers provides for a relaxing sensation of hearing to a user person. A control module is associated with a data processor which is programmed to generate combinations of these treatments some being adjustable in intensity levels and all having time adjustment capabilities, as programmed for selection by the user person.

Classifications:

International (IPC 8-9): A61H A61H33/00 A61H33/06 A61H33/08 A61M

A61M21/00 A61M21/02 A61N A61N5/06 (Advanced/Invention);
A61N5/06 (Advanced/Non-invention);
A61H33/00 A61H33/06 A61M21/00 A61N5/06 (Core/Invention);
A61N5/06 (Core/Non-invention);
A61H A61M A61N (Subclass/Invention)
CPC: A61H2033/061 A61H33/0087 A61H33/063 A61H2201/10
A61H2201/102 A61M21/02 A61M2021/0027 A61M2021/0044
A61M2021/0066 A61N5/0618 A61N2005/0652 A61N2005/0662
A61N2005/0663 A61N2005/0668
European: A61H33/06H A61M21/02 A61N5/06C3 K61H201/10
K61H201/10A K61M21/00A5 K61M21/00A6 K61M21/00A9 K61N5/06T2A
K61N5/06W6 K61N5/06W6A K61N5/06Y6



Family:

Publication number	Publication date	Application number	Application date
CA2638508 AA	20100204	CA20082638508	20080804
CA2638508 C	20161129	CA20082638508	20080804
CN102143731 A	20110803	CN200980134650	20090804
CN102143731 B	20140507	CN200980134650	20090804
EP2309967 A1	20110420	EP20090804422	20090804
EP2309967 A4	20151230	EP20090804422	20090804
HK1160374 A1	20120817	HK20120100849	20120130
HK1160374 A1	20150206	HK20120100849	20120130
HK1160374 B	20150206	HK20120100849	20120130
WO10015080 A1	20100211	WO2009CA01096	20090804
WO10015080 A4	20100415	WO2009CA01096	20090804

Priority:

CA20082638508 20080804 WO2009CA01096 20090804

Probable Assignee: GESTION ULTRA INT INC

Assignee(s): (std): BARON STEPHANE ; BRUNELLE HENRY ; GENDREAU LOUIS ; GESTION ULTRA INT I ; GESTION ULTRA INT INC ; VAILLANCOURT PASCALE ; GESTION ULTRA INTERNATIONALE I ; GESTION ULTRA INTERNATIONALE INC ; GESTION ULTRA INTERNAT INC

Assignee(s): GESTION ULTRA INTERNATIONAL INC

Inventor(s): (std): GENDREAU LOUIS ; BRUNELLE HENRY ; VAILLANCOURT PASCALE ; BARON STEPHANE ; PASCALE VAILLANCOURT ; HENRY BRUNELLE ; STEPHANE BARON ; LOUIS GENDREAU ; BARON STPHANE

Inventor(s): STPHANE BARON

Agent(s): NORTON ROSE FULBRIGHT CANADA LLP SENCRL SRL; FLECK HERMANN JOSEF; DEACONS; MELVIN LI INTELLECTUAL PROPERTY LTD; OGILVY RENAULT LLP S E N C R L S R L

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

13) Family number: 59354104 (US2017135492A)

PatBase

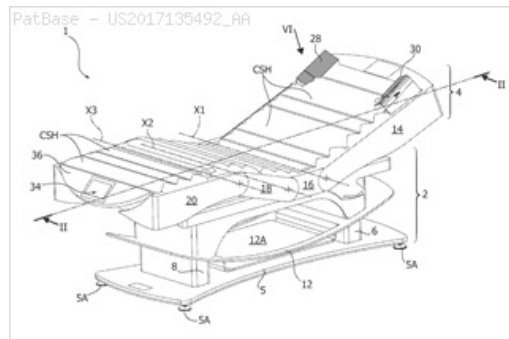
Title: POLIFUNCTIONAL BED

Abstract: A multi-functional bed (1) includes a base (2) and a frame supported by the aforesaid base (2). The frame (4) is configured for receiving a user (U) and includes an end region (H) where, when a user (U) is lying on the bed (1), the head (HE) of the user (U) is received. The bed (1) includes a first diffusion module and a second diffusion module (28, 30; 28', 30'; 280, 300) located in the end region (H) and configured for diffusion of at least one from among an active agent, a sound signal, and a visual signal. Each of the diffusion modules (28, 30; 28', 30'; 280, 300) is mobile between a resting position and a working position, where, in the working position, the diffusion modules (28, 30; 28', 30'; 280, 300) are oriented towards the head (HE) of the user (U).

Classifications:

International (IPC 8-9): A47C21/00 A47C21/04 A47C27/08 A47C31/00
A61G7/012 A61G7/015 A61G7/018 A61G7/05 A61M21/00
A61M21/02 (Advanced/Invention)
CPC: A61M11/02 A61M11/06 A61G7/012 A61G7/015 A61G7/018
A47C21/006 A47C21/048 A47C27/085 A61G7/05 A61G2203/70
A61G2205/60 A61G2210/90 A61H1/00 A47C21/003 A47C31/005
A61M15/0003 A61M21/02 A61M2021/0016 A61M2021/0022

A61M2021/0027 A61M2021/0044 A61M2021/005 A61M2021/0066
A61M2205/3389 A61M2205/6018 A61M2205/6054



Family:

Publication number	Publication date	Application number	Application date
CA2931436 AA	20160524	CA20142931436	20141125
DE602014019233 D1	20180201	DE201460019233T	20141125
EP3073868 A1	20161005	EP20140828518	20141125
EP3073868 B1	20171227	EP20140828518	20141125
ITTO20130959 A1	20150527	IT2013TO00959	20131126
US2017135492 AA	20170518	US20140039185	20141125
WO15079381 A1	20150604	WO2014IB66318	20141125

Priority:

IT2013TO00959 20131126 EP20140828518 20141125 WO2014IB66318 20141125

Probable Assignee: INNERSEE SRL

Assignee(s): (std): INNERSEE S R L

Assignee(s): INNERSEE SRL ; BIANCOFIORE ROBERTO

Inventor(s): (std): BIANCOFIORE ROBERTO

Agent(s): MACRAE AND CO; DE BONIS PAOLO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

14) Family number: 46801120 (US2010331606A)

© PatBase

Title: RELAXATION SYSTEM

Abstract: The present invention provides a relaxation system comprising a processing unit, a sound playing unit for playing sounds, a light image emitting unit for emitting light, a smell releasing unit for releasing smell and a fingerprint scanning unit for collecting fingerprint information and transmitting the same to the processing unit, in which the latter four units are connected to the processing unit respectively, the processing unit is used to control the operation of the sound playing unit, the light image emitting unit and the smell releasing unit and perform a fingerprint identification. The system further comprises an environmental sensor unit connected to the processing unit and being used to collect environmental information to enable the processing unit to control the operation of the sound playing unit, the light image emitting unit and the smell releasing unit. The environmental sensor unit comprises a microphone for detecting noise signal in the environment.

Classifications:

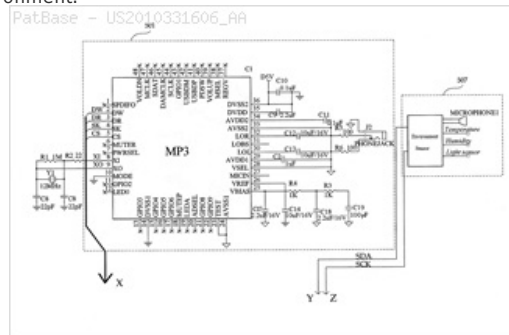
International (IPC 8-9): A61F5/00 A61M A61M21/00 G06F17/00 G06K9/00 (Advanced/Invention);

A61M (Subclass/Invention)

CPC: A61M21/02 A61M16/161 A61M2021/0016 A61M2021/0022 A61M2021/0027 A61M2021/0044 A61M2021/005 A61M2205/052 A61M2205/3306 A61M2205/3368 A61M2205/3375 A61M2205/6009 A61M2205/609 A61M2230/06 A61M2230/30 A61M16/021

European: A61M21/02 K61M16/16B K61M205/05B2 K61M205/33D K61M205/33T K61M205/33U K61M205/60A K61M205/60T K61M21/00A3 K61M21/00A4 K61M21/00A5 K61M21/00A6 K61M21/00A6B K61M230/06 K61M230/30

US: 382/124 382/124S 600/27 600/27P 700/94 700/94S



Family:

Publication number	Publication date	Application number	Application date
CN101926701 A	20101229	CN201010205328	20100610
HK1138474 A2	20100820	HK20090105795	20090626
US2010331606 AA	20101230	US20090582244	20091020

Priority:

HK20090105795 20090626 US20090582244 20091020

Probable Assignee: SHINING UNION LTD

Assignee(s): (std): KWOK FONG WONG ; SHINING UNION LTD

Assignee(s): WONG KWOK FONG ; SHINING UNION LIMITED

Inventor(s): (std): CHING PUI YI ; WONG KWOK FONG ; GUOFANG WANG ; PEIYI CHENG ; YI CHING PUI ; FONG WONG KWOK
Inventor(s): WANG GUOFANG ; CHENG PEIYI
Agent(s): VICTOR CHU AND CO; SUGHRUE MION PLLC

15) Family number: 65691130 (US2017136259A)

PatBase

Title: LIGHTING SYSTEM, OPERATION DEVICE, AND LIGHT IRRADIATION METHOD

Abstract: A lighting system includes: an illumination light source which irradiates a user with illumination light; a user interface which receives a user operation; a controller which controls an amount of light of the illumination light source and an irradiation period of the illumination light source; and a storage which stores characteristic information having a negative correlation between the amount of light and the irradiation period. When the user interface receives a user operation which specifies a value of one of the amount of light and the irradiation period, the controller determines a value of the other according to the characteristic information and controls the illumination light source according to the specified value of the one of the amount of light and the irradiation period and the determined value of the other.

Classifications:

International (IPC 8-9): A61M21/02 A61N5/06 F21S10/00 G05D25/02

G06F3/0481 G06F3/0484 H05B37/02 (Advanced/Invention);

A61M21/00 G06F3/0484 (Advanced/Non-invention)

CPC: A61N5/0618 H05B37/0281 H05B37/02 G06F3/04817 A61M21/02

A61M2021/0044 A61N2005/0626 A61N2005/0663 G06F3/04847

A61M2205/505 Y02B20/42

JP F-Term: 3K273 3K273/PA09 3K273/QA13 3K273/QA30 3K273/RA02

3K273/RA05 3K273/RA08 3K273/RA12 3K273/RA13 3K273/RA15

3K273/RA17 3K273/TA03 3K273/TA05 3K273/TA15 3K273/TA18

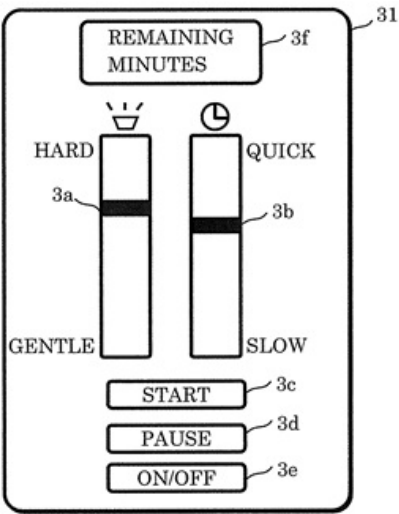
3K273/TA27 3K273/TA28 3K273/TA41 3K273/TA45 3K273/TA49

3K273/UA17 4C082 4C082/PA02 4C082/PC10 4C082/PE10 4C082/PG15

4C082/PJ04 4C105

JP F-Index: A61M21/02/B A61N5/06/Z H05B37/02/J

PatBase - US2017136259_AA



Family:

Publication number	Publication date	Application number	Application date
DE102016121398 A1	20170518	DE201610121398	20161109
DE102016121398 A8	20171012	DE201610121398	20161109
DE102016121398 A8	20180405	DE201610121398	20161109
JP2017091884 A2	20170525	JP20150222477	20151112
US2017136259 AA	20170518	US20160348100	20161110
US9974972 BB	20180522	US20160348100	20161110

Priority:

JP20150222477 20151112

Probable Assignee: PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO LTD

Assignee(s): (std): PANASONIC INTELLECTUAL PROPERTY MAN CO LTD ; PANASONIC IP MAN CO LTD ; PANASONIC IP MAN CORP

Assignee(s): PANASONIC IP MANAGEMENT CORP ; PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO ; PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO LTD

Inventor(s): (std): FUJIWARA YURI ; UENO SAORI ; FUJIWARA YUR ; UENO SAOR

Agent(s): MCDERMOTT WILL AND EMERY LLP