

Nicolas Vargas

Title: LOCAL ADVERTISING CONTENT ON AN INTERACTIVE HEAD-MOUNTED EYEPiece

Abstract: This disclosure concerns an interactive head-mounted eyepiece including an optical assembly through which the user views a surrounding environment and displayed content. The displayed content includes a local advertisement, wherein the location of the eyepiece is determined by an integrated location sensor and wherein the local advertisement has a relevance to the location of the eyepiece. The head mounted eyepiece may also include an audio device and the displayed content may comprise local advertisements and audio.

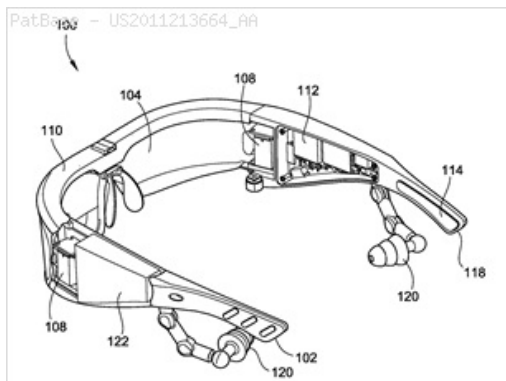
Classifications:

International (IPC 8-9): G01C21/00 G02B27/00 G02B27/01 G02B27/02 G02B27/14 G02B5/18 G02B5/23 G02B5/30 G02B6/00 G02B7/00 G02C11/00 G02C11/04 G02C7/00 G02F1/1335 G02F1/13357 G03B21/26 G03H1/00 G06F1/16 G06F13/00 G06F17/00 G06F17/30 G06F3/00 G06F3/01 G06F3/03 G06F3/033 G06F3/0346 G06F3/041 G06F3/048 G06F3/0488 G06K9/00 G06Q30/00 G06Q30/02 G06Q30/04 G06T15/00 G06T19/00 G09G5/00 G09G5/02 G09G5/10 G09G5/377 G10L19/00 H04N5/225 H04N5/232 H04N5/44 H04N5/64 H04N7/15 H04N7/18 (Advanced/Invention); A61B3/113 F21V8/00 G02B27/00 G02B27/01 G02B5/18 G02B5/30 G02B6/12 G03H1/22 G06F3/00 G06F3/01 G06T19/00 H04N13/04 H04N7/14 (Advanced/Non-invention)

CPC: G02B27/1066 G02B27/281 H04N7/15 G01C21/3629 G02B27/0149 G02B2027/0132 G02B2027/0123 G02B2027/0127 G02B2027/0134 G02B5/3058 G02C5/143 G02B6/0011 G02C7/08 G02C9/00 G06F3/012 G06F3/014 G06F21/32 G02B6/12019 A61B3/113 G02B2027/0112 G02B2207/113 G02B2207/115 H04N7/142 H04N13/0468 G06F1/1673 G06Q30/0261 G02B5/23 G02B7/008 G03H1/2294 G02C7/086 G02B2027/0147 G06F3/0481 G06F3/14 G02B5/30 G02B27/0176 G02B6/0038 G02B6/0045 G02B6/0053 G02B6/0056 G02B6/12009 G06F3/0227 G06F3/04815 G06F13/00 G06Q50/26 G06F3/167 G02B2027/011 G02B6/00 G02B27/0172 G05D1/0016 G06F3/165 G06F3/03547 G06F3/04842 G02B5/1842 G06F3/016 G06K9/00604 G06K9/00617 H04N5/44 H04N5/23293 H04N5/2254 G02C11/10 G06K9/00255 G06K9/00671 G06F3/0304 G06F3/0428 G06F2203/0331 G06F2203/0338 G02B2027/0138 G02B2027/0187 G02B27/017 G02B27/0093 G02B2027/014 G02B2027/0178 G06F1/163 G06F3/005 G06F3/011 G06F3/013 G06Q30/02 H04R3/005 G02B5/04 G02B5/18 G02B5/28 G02B2027/0118 G06F3/0346 G06T19/006 G06F3/017 G06F3/0488 G06F3/0233 G06F3/0236 H04R1/028 H04R1/1041 G06F19/00 H04N13/366

European: G01C21/36G1 G02B27/00T G02B27/01B G02B27/01C G02B27/01C2 G02B27/10K G02B27/28A G02B5/23 G02B7/00T G02C11/04 G02C7/08 G02C7/08N G02C9/00 G05D1/00C1 G06F1/16P5 G06F1/16P9K12 G06F3/00B6 G06F3/01B G06F3/01B4 G06F3/01G G06Q30/02 G06Q30/0261 S02B27/00T S02B27/01A10 S02B27/01A11 S02B27/01A15 S02B27/01A2 S02B27/01A3 S02B27/01A4 S02B27/01A5 S02B27/01A6 S02B27/01A9 S02B27/01A9A S02B27/01C3 S02B27/01D4 S02B5/18 S02B5/30 S02B5/30P2 S02B6/00 S02B6/00L6 S02B6/12M2

US: 1/1 345/156 345/156P 345/156S 345/158 345/158P 345/419 345/419P 345/589 345/589P 345/617 345/617S 345/633 345/633P 345/633S 345/690 345/690P 345/7 345/8 345/8P 345/8S 348/14.08 348/143 348/143P 348/158 348/78 348/E7.085 348/E70.85S 353/28 359/13 359/554 359/554S 359/567 359/630 382/115 382/115S 382/117 382/117S 382/118 382/118P 463/30 463/36 463/42 701/491 704/201 704/201S 704/E19.001 704/E19.001S 705/14.58 705/14.580P 705/14.580S 715/702 715/702P 715/773 715/773P



Family:

Publication number	Publication date	Application number	Application date
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US20170669583	20170804				

Probable Assignee: MICROSOFT TECHNOLOGY LICENSING LLC

Assignee(s): (std): BIETRY JOSEPH ; BORDER JOHN N ; CELLA CHARLES ; HADDICK JOHN D ; LOHSE ROBERT MICHAEL ; KING ROBERT W ; KING III ROBERT W ; MILLER GREGORY D ; MICROSOFT CORP ; MICROSOFT TECHNOLOGY LICENSING LLC ; MICROSOFT TECH LICENSING LLC ; OSTERHOUT GROUP INC ; WILDER KELLIE A ; POLINKO NICHOLAS R ; OSTERHOUT RALPH F ; STOVALL ROSS W ; NORTRUP ROBERT J ; NORTRUP EDWARD H

Assignee(s): OSTERHOUT GROUP INC153 TOWNSEND STREETSUITE 570SAN FRANCISCOCA94107US ; MICROSOFT CORPONE MICROSOFT WAYREDMONDWA98052-6399US

Inventor(s): (std): BORDER JOHN N ; MILLER GREGORY D ; STOVALL ROSS W ; WILDER KELLIE A ; POLINKO NICHOLAS R ; OSTERHOUT RALPH F ; LOHSE ROBERT MICHAEL ; KING III ROBERT W ; HADDICK JOHN D ; SHAMS NIMA L ; NORTRUP ROBERT J ; NORTRUP EDWARD H ; KING ROBERT W ; CELLA CHARLES ; BIETRY JOSEPH

Inventor(s): BORDER JOHN NUS ; BIETRY JOSEPHUS ; HADDICK JOHN DUS ; LOHSE ROBERT MICHAELUS

Agent(s): A J PARK; AJ PARK; BORDEN LADNER GERVAIS LLP; SMART AND BIGGAR; FINDLAY ALICE ROSEMARY; FISCHER MICHAEL MARIA; YAMAMOTO OSAMU; TAKEUCHI SHIGEO; ONO SHINJIRO; KOBAYASHI YASUSHI; NAKANISHI MOTOHARU; NAKAMURA SHOGO; GTC LAW GROUP LLP AND AFFILIATES; RACHAEL; MICKY; JIM; LEONARD; JEREMY; JUDY; MICAH; ALLEMAN HALL CREASMAN AND TUTTLE LLP; OKEY DAVID W

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 VC VN ZA ZM ZW

Title: SYSTEM AND METHOD FOR OPTOGENETIC THERAPY

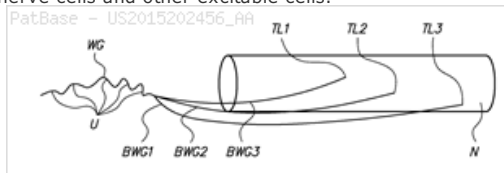
Abstract: Configurations are described for utilizing light-activated proteins within cell membranes and subcellular regions to assist with medical treatment paradigms, such as hypertension treatment via anatomically specific and temporally precise modulation of renal plexus activity. The invention provides for proteins, nucleic acids, vectors and methods for genetically targeted expression of light-sensitive proteins to specific cells or defined cell populations. In particular the invention provides systems, devices, and methods for millisecond-timescale temporal control of certain cell activities using moderate light intensities, such as the generation or inhibition of electrical spikes in nerve cells and other excitable cells.

Classifications:

International (IPC 8-9): A61B A61B17/00 A61B17/34 A61B18/02 A61B18/04 A61B19/00 A61B8/12 A61H37/00 A61K38/00 A61K38/16 A61K38/17 A61K41/00 A61K48/00 A61M25/01 A61M37/00 A61M5/142 A61M5/20 A61N1/00 A61N1/05 A61N1/30 A61N1/32 A61N1/36 A61N1/372 A61N5/06 A61N5/067 A61N5/073 A61N7/00 A61P9/12 C12N15/09 C12N5/10 (Advanced/Invention); A61K38/16 A61K38/17 A61K48/00 A61M37/00 A61N1/378 A61N5/067 (Advanced/Non-invention); A61B (Subclass/Invention)

CPC: A61N2005/0612 A61N2005/0627 A61N5/062 A61K38/168 A61K38/16 A61N2005/0626 A61N2005/0643 A61N2005/0651 A61N2005/063 A61K41/00 A61N2005/0665 A61K41/0057 A61K48/00 A61N1/0551 A61M37/0015 A61M25/0105 A61K38/164 A61M2037/0061 A61M2037/0023 A61N1/3605 A61N2005/0631 A61K38/177 A61K48/0075 A61N2005/067 A61B17/3403 A61N1/36053 A61B17/00234 A61M5/142 A61M5/20 A61M25/0147 A61B2017/3413 A61M2205/3576 A61M2205/50 A61N2005/0653 A61N5/0601 A61N5/0622

US: 604/20 604/506 604/95.01 604/95.03 607/3 607/88 607/92



Family:

Publication number	Publication date	Application number	Application date
AU2013348395 AA	20140530	AU20130348395	20131121
CA2894718 AA	20150520	CA20132894718	20131121
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US20170729287	20171010	US20170803473	20171103		

Probable Assignee: CIRCUIT THERAPEUTICS INC

Assignee(s): (std): ANDERSEN DAN ; ARROW ALEXANDER ; CIRCUIT THERAPEUTIC INC ; CIRCUIT THERAPEUTICS INC ;

MOORE DAVID ; MOLL FREDERIC ; DEISSEROTH KARL ; STAHLER GREG ; HUANG JOYCE ; LUNDMARK DAVID ; DELP SCOTT

Inventor(s): (std): ALEXANDER ARROW ; ANGELEY DAVID ; DAN ANDERSEN ; DAVID LUNDMARK ; DAVID MOORE ; FREDERIC MOLL ; GREG STAHLER ; JOYCE HUANG ; KARL DEISSEROTH ; LUNDMARK DAVID C ; MITRA ANANYA ; MOLL FRED ; SCOTT DELP ; STAHLER GREG ; MOORE DAVID ; MOLL FREDERIC ; LUNDMARK DAVID ; HUANG JOYCE ; DELP SCOTT ; DEISSEROTH KARL ; ARROW ALEXANDER ; ANDERSEN DAN ; ARROW ALEXANDER K

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; RICHES MCKENZIE AND HERBERT LLP; LECOMTE AND PARTNERS; DAVID C; LUNDMARK DAVID C

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

Title: HIGH TEMPERATURE IMAGING DEVICE

Abstract: High temperature imaging devices are disclosed. In one embodiment, the imaging device comprises an array of photosensitive elements fabricated on an insulator substrate, and an information storage component coupled to the array. The information storage component stores data representing one or more light patterns detected by the array. The light patterns may be images or spectral patterns. The insulator substrate may be a **sapphire** or spinel substrate. Alternatively, the substrate may be **silicon** carbide or an insulated **silicon** substrate. In at least some embodiments, a processor is integrated on the same substrate as the array.

Classifications:

International (IPC 8-9): B81B7/00 E21B45/00 E21B47/00 E21B47/01 E21B47/12 E21B7/00 G01J3/00 G01J5/00 G01V1/40 G01V3/08 G01V3/10 G01V3/18 G01V3/30 G01V8/00 G11C11/22 H01L21/00 H01L21/70 H01L21/76 H01L21/82 H01L21/822 H01L21/8242 H01L21/8252 H01L21/84 H01L21/86 H01L23/02 H01L23/31 H01L23/42 H01L23/58 H01L27/00 H01L27/02 H01L27/04 H01L27/10 H01L27/115 H01L27/12 H01L27/146 H01L27/22 H01L29/06 H01L29/786 H01L29/82 H01L29/84 H01L31/0312 H01L35/30 (Advanced/Invention);

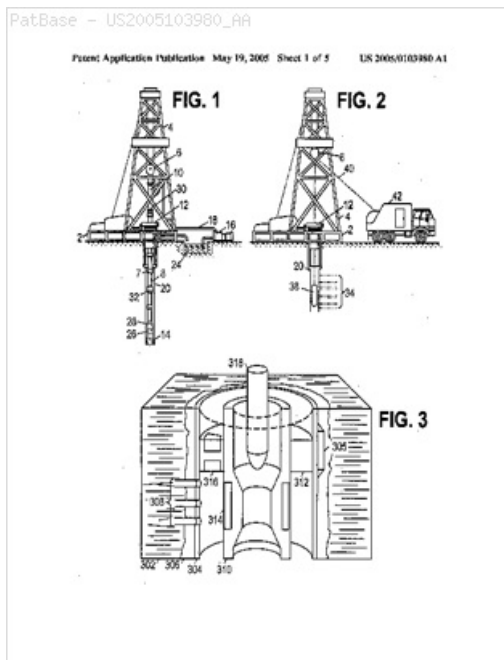
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International (IPC 1-7): E21B45/00 E21B47/12 E21B7/00 G01V3/08 G01V3/10 G01V3/18 G11C11/22 H01L21/00 H01L21/8242 H01L23/02 H01L27/00 H01Q

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European: E21B47/00 E21B47/00C E21B47/01P G01J3/00 G01V8/00 G11C11/22 H01L21/70 H01L21/8252 H01L21/82H H01L21/84 H01L21/86 H01L23/31P H01L27/10C H01L27/115C H01L27/12 H01L27/12B H01L27/146A H01L27/146A10 H01L27/22M4F L81B207/11L T01L224/16 T01L924/16152 T01L924/30110

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Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: HALLIBURTON CO

Assignee(s): (std): SCHULTZ ROGER L ; RODNEY PAUL F ; SKINNER NEAL G ; STREICH STEVEN G ; MASINO JAMES E ;
VEHRA IRMAN ; SHARONOV SERGEI ; HALLIBURTON ENERGY SERVICES INC ; FREEMAN JAMES J ;
GOLLA CHRISTOPHER A ; HALLIBURTON CO ; HALLIBURTON ENERGY SERV INC

Assignee(s): HALLIBURTON ENERGY SERVICES ; DAVIS STANDARD LLC

Inventor(s): (std): CHRISTOPHER A GOLLA ; FREEMAN JAMES J ; GOLLA CHRISTOPHER A ; JAMES E MASINO ; JAMES J
FREEMAN ; MASINO JAMES E ; PAUL F RODNEY ; RODNEY PAUL ; RODNEY PAUL F ; ROGER L SCHULTZ ;
SCHULTZ ROGER ; SCHULTZ ROGER L ; SCHULTZ ROGER LYNN ; STREICH STEVEN G ; STREICH
STEVEN GEORGE ; VEHRA IMRAN ; VEHRA IRMAN ; SHARONOV SERGEI ; SKINNER NEAL G

Inventor(s): STEVEN GEORGE STREICH ; STREICH STEVEN ; MASINO JAMES ; SKINNER NEAL ; NEAL G SKINNER ;
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Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; PIZZEYS; GARWASIUK HELEN; EMERY
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KRUEGER DANIEL J

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

Title: PASSIVE MICRO-VESSEL AND SENSOR

Abstract: An electrically passive device and method for in-situ acoustic emission, and/or releasing, sampling and/or measuring of a fluid or various material(s) is provided. The device may provide a robust timing mechanism to release, sample and/or perform measurements on a predefined schedule, and, in various embodiments, emits an acoustic signal sequence(s) that may be used for triangulation of the device position within, for example, a hydrocarbon reservoir or a living body.

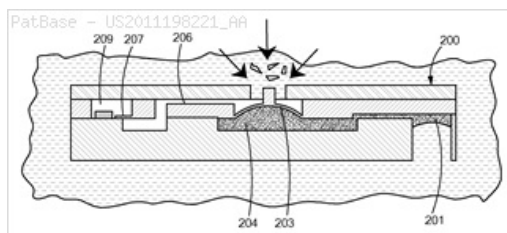
Classifications:

International (IPC 8-9): A61B10/00 A61B5/00 A61B5/06 A61B5/1468 A61J1/00 A61M31/00 A61M5/142 B01L3/00 E21B41/00 E21B47/00 E21B47/02 E21B47/022 E21B47/095 E21B47/10 E21B47/107 E21B47/14 E21B49/08 F16K31/12 G01M3/00 G01N1/00 G01N1/10 G01N1/12 G01N1/16 G01N1/22 G01N11/02 G01N27/28 G01N29/14 G01N33/00 G01N33/18 G01T7/02 G01V1/02 G01V1/26 G01V1/28 G01V1/38 G01V1/40 G01V1/42 H04N (Advanced/Invention); A61B5/1455 A61B5/1473 A61B5/155 A61B8/00 A61M5/145 G01N1/10 G01V1/38 G01V15/00 (Advanced/Non-invention)

CPC: A61M31/002 G01N1/40 G01N11/00 G01N2001/1056 A61B10/0035 A61B10/0045 A61B2010/008 B01L3/502738 A61B5/061 B01L3/502715 B01L2200/027 B01L2300/0816 B01L2400/0683 G01N1/16 G01N11/02 G01V1/02 A61B5/150022 A61B5/150221 A61B5/150343 A61B5/150969 A61B5/06 A61B5/150236 A61B5/150251 A61B5/150755 A61B5/1427 G01N1/2042 G01N1/10 F16K99/003 F16K99/0059 F16K2099/0088 A61B8/00 Y10T436/2575 G01N1/12 A61B5/1455 A61B5/1468 A61B5/14735 A61B5/155 A61B2562/028 A61M5/14248 A61M5/14276 A61M2005/14513 E21B47/02 E21B47/02208 E21B47/1015 E21B49/081 G01N2001/1031 G01V1/38 G01V1/3852 G01V1/42 G01V15/00

European: A61M5/142P10 A61M5/142P2 E21B47/02 E21B47/10G E21B49/08B K61B5/06 K61B5/14B8 K61B5/155 K61B562/02N K61M5/145A4

US: 1/1 204/228.4 204/400 422/503 422/509 422/550 422/68.1 422/68.100S 436/180 73/152.24 73/54.01 73/587 73/587S 73/64.56 73/64.560S 73/864.91 73/864.910S



Family:

Publication number	Publication date	Application number	Application date
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WO11100509 A3	20111201	WO2011US24467	20110211
WO14122221 A1	20140814	WO2014EP52350	20140206
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WO15150429 A3	20160121	WO2015EP57126	20150331

Priority:

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Probable Assignee: FLUIDION SAS

Assignee(s): (std): ANGELESCU DAN ; DAN ANGELESCU ; FLUIDION ; FLUIDION SAS

Inventor(s): (std): ANGELESCU DAN ; ANGELESCU DAN E ; DAN ANGELESCU ; HAUSOT ANDREAS

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; ROBIC; BCF LLP; GESKES PATENT U RECHTSANWAELTE; Loyer &, Abello; LOYER AND ABELLO; SUNSTEIN KANN MURPHY AND TIMBERS LLP; SUNSTEIN BRUCE D ET AL; THIBAUD JEAN BAPTISTE

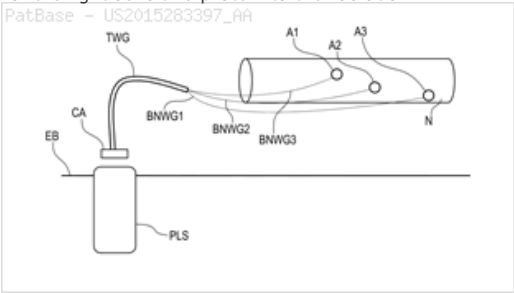
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Title: SYSTEM AND METHOD FOR THERAPEUTIC MANAGEMENT OF COUGH

Abstract: One embodiment is directed to a system for controllably managing unproductive cough in a patient having a tissue structure that has been genetically modified to have light sensitive protein, comprising: a light delivery element configured to direct radiation to at least a portion of a targeted tissue structure; a light source configured to provide light to the light delivery element; and a controller operatively coupled to light source; wherein the controller is configured to be operated by an operator to illuminate the targeted tissue structure with radiation such that a membrane potential of cells comprising the targeted tissue structure is modulated at least in part due to exposure of the light sensitive protein to the radiation.

Classifications:

International (IPC 8-9): A61B18/00 A61K38/16 A61K48/00
A61N5/06 A61N5/067 (Advanced/Invention)
CPC: A61N5/0603 A61N5/062 A61N5/0601 A61N2005/0604
A61K38/168 A61K48/00 A61N2005/0626 A61N2005/0651
A61N2005/067 A61B2018/00642 A61K48/0058 A61N5/0622
US: 607/88



Family:

Publication number	Publication date	Application number	Application date
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CA2944056 AA	20160926	CA20152944056	20150327
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JP2017515530 T2	20170615	JP20160559322T	20150327
US2015283397 AA	20151008	US20150672062	20150327
US2015283398 AA	20151008	US20150672065	20150327
WO15149033 A1	20151001	WO2015US23196	20150327

Priority:

US20140971426P 20140327 US20150672062 20150327 US20150672065 20150327
WO2015US23196 20150327

Probable Assignee: CIRCUIT THERAPEUTICS INC

Assignee(s): (std): CIRCUIT THERAPEUTICS INC

Assignee(s): THOMAS GRIFFITH ROGER ; ANDERSEN DAN

Inventor(s): (std): ANDERSEN DAN ; THOMAS GRIFFITH ROGER

Agent(s): DAVIES COLLISON CAVE PTY LTD; RICHES MCKENZIE AND HERBERT LLP; LECOMTE AND PARTNERS; LUNDMARK DAVID C

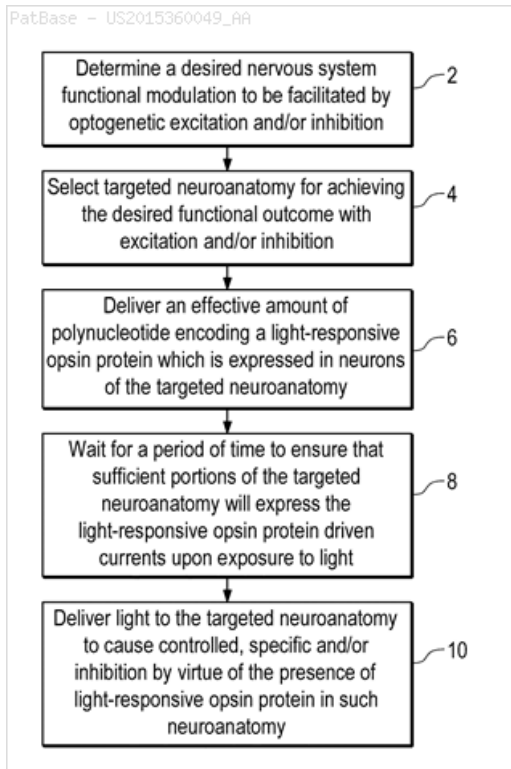
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Title: OPTOGENETIC THERAPIES FOR MOVEMENT DISORDERS

Abstract: One embodiment is directed to a system for controllably managing motor function in the central nervous system of a patient having a targeted tissue structure that has been genetically modified to have light sensitive protein, comprising a light delivery element configured to direct radiation to at least a portion of a targeted tissue structure; a light source configured to provide light to the light delivery element; and a controller operatively coupled to light source; wherein the targeted tissue structure is a portion of the basal ganglia of the patient; and wherein the controller is configured to be automatically operated to illuminate the targeted tissue structure with radiation such that a membrane potential of cells comprising the targeted tissue structure is modulated at least in part due to exposure of the light sensitive protein to the radiation.

Classifications:

International (IPC 8-9): A61B5/00 A61K48/00 A61M37/00 A61N A61N5/06 (Advanced/Invention); A61B17/00 A61B5/00 A61K41/00 A61K48/00 (Advanced/Non-invention)
CPC: A61N5/062 A61B2017/00057 A61N2005/065 A61B5/00 A61K48/00 A61N5/0622
US: 607/88



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Priority:

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Probable Assignee: CIRCUIT THERAPEUTICS INC

Assignee(s): (std): CIRCUIT THERAPEUTICS INC

Assignee(s): KAPLITT MICHAEL ; ANDERSEN DAN

Inventor(s): (std): ANDERSEN DAN ; KAPLITT MICHAEL

Agent(s): DAVIES COLLISON CAVE PTY LTD; RICHES MCKENZIE AND HERBERT LLP; LECOMTE AND PARTNERS; LUNDMARK DAVID C

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

Title: METHOD AND SYSTEM FOR WIRELESS COMMUNICATIONS FOR DOWNHOLE APPLICATIONS

Abstract: The present invention comprises tools (20) for deployment downhole in a wellbore for aiding in the production of hydrocarbons. In an exemplary embodiment, the tools (20) comprise a tool body (24); an electrically powered device (22) disposed proximate the tool body (24); a removable power source (26) for providing power to the device disposed in the tool body (24), the power source connected to or mounted into or about the tool body (24), the power source (26) further being fixed or replaceable downhole; and a wireless communications device (57) operatively connected to the electrically powered device.

Classifications:

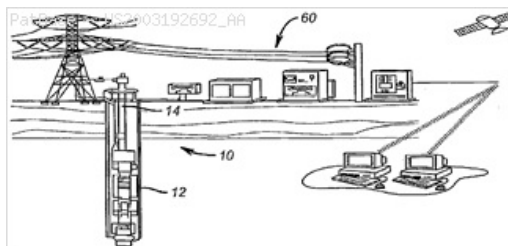
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International (IPC 1-7): E21B43/12 E21B47/00

CPC: E21B41/00 E21B41/0057 E21B41/0085 E21B43/04 E21B43/12 E21B43/128 E21B43/26 E21B47/0007 E21B47/06 E21B47/065 E21B47/12 E21B47/122 E21B47/123 E21B47/16 E21B47/18 E21B2041/0028

European: E21B41/00 E21B41/00M2 E21B41/00R E21B43/04 E21B43/12 E21B43/12B10 E21B43/26 E21B47/00P E21B47/06 E21B47/06B E21B47/12 E21B47/12M E21B47/12M2 E21B47/16 E21B47/18 E21B49/08 P21B41/00F

US: 166/250.15 166/250.150P 166/313 166/52 166/53 166/66.6 166/666 340/854.6 340/854.600S



Family:

Publication number	Publication date	Application number	Application date
EP1320659 A1	20030625	EP20010975468	20010927
US2003192692 AA	20031016	US20030381766	20030328
US6899178 BB	20050531	US20010381766	20010927
WO0227139 A1	20020404	WO2001US30229	20010927

Priority:

US20000236245P 20000928 US20010381766 20010927 WO2001US30229 20010927
US20030381766 20030328

Probable Assignee: TUBEL LLC

Assignee(s): (std): TUBEL PAULO S

Assignee(s): TUBEL TECHNOLOGIES INC ; ZIEBEL US INC ; TUBEL LLC

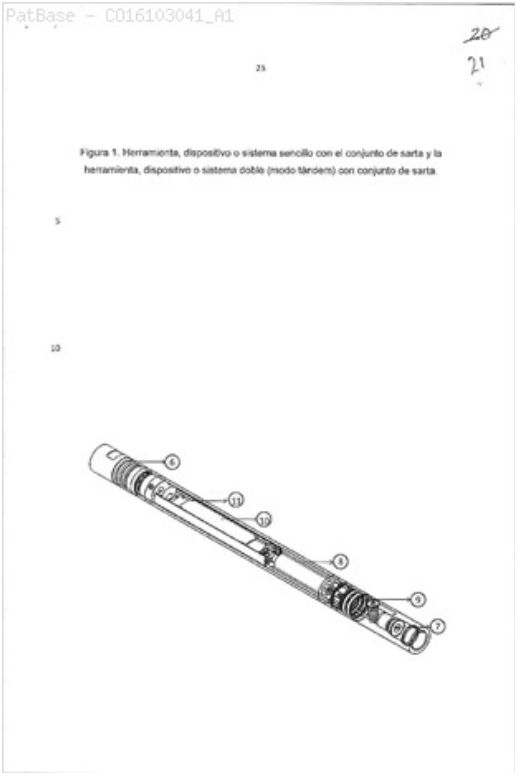
Inventor(s): (std): TUBEL PAULO S

Agent(s): DUANE MORRIS LLP

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR US

Title: SISTEMA DE **MONITOREO** PERMANENTE DE PRESION -TEMPERATURA EN FONDO DE POZO, MULTIPLE O SERIAL EN TIEMPO REAL Permanent **monitoring** of system pressure - temperature in bottom hole, MULTIPLE OR SERIAL IN REAL TIME (Machine translation)

Classifications:
International (IPC 8-9): E21B47/06 G01F1/00
G01V5/08 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
CO16103041 A1	20171110	CO20160103041	20160422

Priority:

CO20160103041 20160422

Probable Assignee: ECOPETROL SA

Assignee(s): ECOPETROL SA

Inventor(s): ALVARO PRADA VELASQUEZ ; ANDRES EDUARDO MANTILLA ZARATE ; CARLOS AUGUSTO ANDRADE ERASO ; GERMAN CASTILLO SALAMANCA ; JORGE ANDRES HERRERA ; JORGE ANDRES PRADA MEJIA ; JUAN PABLO TORNE PEREZ ; JUAN PABLO TORNE SARRIA ; LUZ ADRIANA PLAZAS PERBERTHY ; PEDRO LEON RIVERA WILCHES

Agent(s): ILBA LUCIA GONZALEZ ZABALA

Title: METHOD AND APPARATUS FOR BOREHOLE SENSING

Abstract: The present invention provides an apparatus and method for sensing subsurface data. One embodiment of the invention comprises a shuttle attached to a conveyance where the conveyance and shuttle are adapted to be spooled downhole into a borehole for sensing seismic data. The shuttle contains a sensor package that is preferably acoustically isolated in the shuttle. The sensor package includes a sensor array and a magnet clamp. A sensor section can contain several shuttles, each shuttle containing at least one sensor. In one embodiment, the sensor can be a fiber optic sensor. The magnet clamp is operable to controllably clamp and acoustically couple together the sensor package, the shuttle, and the adjacent structure which is typically the borehole casing. The magnet clamp is likewise operable to unclamp and uncouple the shuttle from the adjacent structure so as to be retracted uphole for subsequent use.

Classifications:

International (IPC 8-9): E21B31/18 E21B47/00 E21B47/12 G01V1/00 G01V1/28 G01V1/40 G01V1/46 G01V1/52 G01V11/00 G01V3/00 (Advanced/Invention);

G01V1/48 G01V1/50 (Advanced/Non-invention);

E21B31/00 E21B47/00 E21B47/12 G01V1/00 G01V1/28 G01V1/40

G01V11/00 G01V3/00 (Core/Invention)

International (IPC 1-7): E21B47/06 G01V1/00

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G01V11/002 E21B47/123

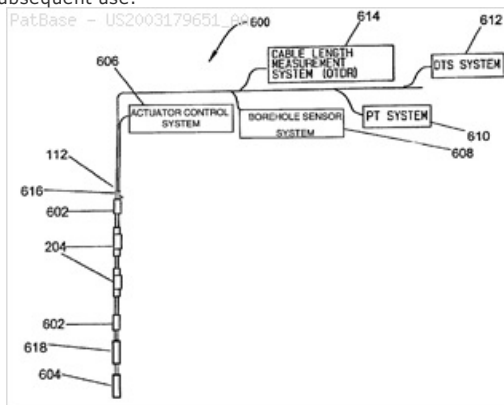
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US: 166/250.01 166/254.2 166/254.200 166/301 166/377 166/66

166/66.5 175/45 340/854.3 340/854.7 340/855.3 340/855.8 367/188

367/25 367/25P 385/20 385/22 398/141 398/171 702/14



Family:

Publication number	Publication date	Application number	Application date
AU2003207867 AA	20031008	AU20030207867	20030224
CA2679302 AA	20090825	CA20082679302	20080305
CN1313840 C	20070502	CN20038006710	20030224
CN1643401 A	20050720	CN20038006710	20030224
EG23358 A	20050131	EG20030030274	20030319
EP1488256 A2	20041222	EP20030704866	20030224
EP2156011 A2	20100224	EP20080719218	20080305
GB200904510 A0	20090429	GB20090004510	20070905
GB2458030 A1	20090909	GB20090004510	20070905
GB2458030 B2	20110126	GB20090004510	20070905
MXPA04008983 A1	20050217	MX2004PA08983	20030224
US2003179651 AA	20030925	US20020104320	20020322
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US2007143027 AA	20070621	US20070679836	20070228
US2007165487 AA	20070719	US20070682326	20070306
US7187620 BB	20070306	US20020104320	20020322
US7567485 BB	20090728	US20070679836	20070228
US7696901 BB	20100413	US20060532904	20060919
US7894297 BB	20110222	US20070682326	20070306
WO03081284 A2	20031002	WO20031B00736	20030224
WO03081284 A3	20031204	WO20031B00736	20030224
WO08035156 A2	20080327	WO20071B02555	20070905
WO08035156 A3	20090625	WO20071B02555	20070905
WO08107774 A2	20080912	WO20081B00489	20080305
WO08107774 A3	20081231	WO20081B00489	20080305

Priority:

US20020104320	20020322	WO20031B00736	20030224	US20060532904	20060919
US20070679836	20070228	US20070682326	20070306	WO20071B02555	20070905
WO20081B00489	20080305				

Probable Assignee: SCHLUMBERGER TECHNOLOGY CORP

Assignee(s): (std): CHEE SOON SEONG ; KAMATA MARAHIRO ; NUTT LESLIE ; SCHLUMBERGER CA LTD ; SCHLUMBERGER HOLDINGS ; SCHLUMBERGER LTD ; SCHLUMBERGER SERVICES PETROL ; SCHLUMBERGER OVERSEAS ; SCHLUMBERGER SURENCO SA ; SCHLUMBERGER TECHNOLOGY CORP ; SCHLUMBERGER PETROLEUM RES AND D ; SCHLUMBERGER SEACO INC ; YAMATE TSUTOMU ; WILSON COLIN ; SCHLUMBERGER TECHNOLOGY BV ; PETROLEUM RES AND DEV NV ; PRAD RES AND DEV NV

Assignee(s): PRAD RESEARCH AND DEVELOPMENT NV ; PETROLEUM RESEARCH AND DEVELOPMENT NV ; SERVICES PETROLIERS SCHLUMBERGER ; SCHLUMBERGER SURENCO S A ; SCHLUMBERGER OVERSEAS S A ; SCHLUMBERGER HOLDINGS LTD ; SCHLUMBERGER PETROLEUM RESEARCH AND DEVELOPMENT N V ; SCHLUMBERGER OVERSEAS SA ; PRAD RESEARCH AND DEVELOPMENT N V ; SCHLUMBERGER CANADA LTD ; PETROLEUM RESEARCH AND DEVELOPMENT N V ; KAMATA MASAHIRO ; NUTT LES

Inventor(s): (std): KAMATA MARAHIRO ; KAMATA MASAHIRO ; LES NUTT ; MASAHIRO KAMATA ; MASAHIRO NUTT LES YAMATE TSUTO ; NUTT LES ; CHEE SOON S ; CHEE SOON SEONG ; NUTT LESLIE ; TSUTOMU YAMATE ; WILSON COLIN ; WILSON COLIN A ; YAMATE TSUTOMU

Inventor(s): CHEE SOON ; SOON SEONG CHEE ; COLIN A WILSON ; NUTT LES YAMATE TSUTOMU KAMATA MASAHIRO

Agent(s): SMART AND BIGGAR; STOOLE BRIAN DAVID; SCHLUMBERGER KK; KARAN; DALE; WILLIAM; MATTHIAS; JAIME; JODY; JEFF; DARYL R; SINGH KARAN; ABRELL MATTHIAS

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 LI LK LR LS LT LV LY MA MC MD ME MG MK ML MN MR MT

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Title: SYSTEM AND METHOD FOR PREVENTION AND CONTROL OF THE EFFECTS OF SPATIAL DISORIENTATION

Abstract: An improved System and Method to provide a human user with symbology to ameliorate, prevent or shorten the duration of disorientation or motion sickness effects caused by spatial disorientation.

Classifications:

International (IPC 8-9): A61B3/14 A61B5/00 A61B5/0205

A61B5/0402 A61B5/0476 A61B5/18 A61M21/00 A61M21/02

B60W40/08 G01C23/00 G02B27/01 G06K9/00 G06T19/00

H04N13/04 (Advanced/Invention)

CPC: B60W40/08 A61B5/02055 A61B5/6803 A61B5/7445

A61B5/0476 A61B5/4863 A61B3/145 A61B5/4023 A61B5/7282

A61B5/0402 A61B5/7405 A61B5/746 A61B5/18 A61B5/7425

A61B5/7455 H04N13/044 H04N13/0468 G06T19/006 B60W2040/0872

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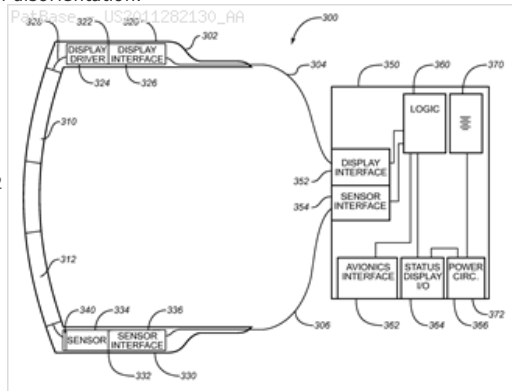
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European: A61M21/00 A61M21/02 G01C23/00 G02B27/01C K61M205/35R3 K61M205/35T2 K61M21/00A6 K61M210/06B

K61M230/04 K61M230/20D K61M230/30 K61M230/40 K61M230/50 K61M230/60 K61M230/62 K61M230/63 S02B27/01D4

US: 1/1 340/576 348/78 600/27 600/27P



Family:

Publication number	Publication date	Application number	Application date
US2011282130 AA	20111117	US20110108683	20110516
US2014152792 AA	20140605	US20140172734	20140204
US2016167672 AA	20160616	US20160048824	20160219
US8690750 BB	20140408	US20110108683	20110516
US9298985 BB	20160329	US20140172734	20140204
WO11143655 A1	20111117	WO2011US36663	20110516

Priority:

US20100345040P 20100514 US20110108683 20110516 US20140172734 20140204
US20150177070P 20150304 US20160048824 20160219

Probable Assignee: IARMOURHOLDINGS INC

Assignee(s): (std): ADVITECH INC ; KRUEGER M D DR WESLEY W O ; KRUEGER WESLEY WO ; WESLEY W O KRUEGER ; KRUEGER WESLEY W O

Assignee(s): KRUEGER MD ; WESLEY WO KRUEGER ; IARMOURHOLDINGS INC ; KRUEGER M D

Inventor(s): (std): KRUEGER WESLEY W O ; KRUEGER WESLEY WO ; KRUEGER M D DR WESLEY W O

Inventor(s): KRUEGER M D ; KRUEGER MD

Agent(s): KILPATRICK TOWNSEND AND STOCKTON LLP; GREYER HEINZ

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 LR LK 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 TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW