

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5076041

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MEDIGUIDE, LTD.	06/26/2017
RECEIVING PARTY DATA		
Name:	ST JUDE MEDICAL INTERNATIONAL HOLDING S.À R.L.	
Street Address:	4, RUE DICKS, L-1417	
City:	LUXEMBOURG	
State/Country:	LUXEMBOURG	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15850615
CORRESPONDENCE DATA		
Fax Number:	(651)756-2808	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
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Address Line 1:	5050 NATHAN LANE NORTH	
Address Line 4:	PLYMOUTH, MINNESOTA 55442	
ATTORNEY DOCKET NUMBER:	0K-0449USC6	
NAME OF SUBMITTER:	JILLIAN K. AWE	
SIGNATURE:	/Jillian K. Awe/	
DATE SIGNED:	07/31/2018	
Total Attachments: 16		
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**ACKNOWLEDGEMENT
AND
CONFIRMATORY ASSIGNMENT**

WHEREAS **MediGuide Ltd.**, a private company organized and existing under the laws of Israel and having its registered address of Advanced Technology Center, Hof Hacarmel, Haifa 31053, Israel, hereinafter **MEDIGUIDE**, by this agreement (hereinafter said **2017 Acknowledgement and Confirmatory Assignment**), acknowledges and confirms that, for at least the reasons recited herein, **St. Jude Medical International Holding S.à r.l.**, a private limited liability company (*société à responsabilité limitée*) incorporated and existing under the laws of the Grand Duchy of Luxembourg, with registered office at 4, rue Dicks, L-1417 Luxembourg, Grand Duchy of Luxembourg, and registered with the Luxembourg trade and companies register (*Registre de Commerce et des Sociétés de Luxembourg*) under registration number B 181342, hereinafter **SJM INTERNATIONAL**, owns any and all right, title, and interest in, to, and under the inventions, patent applications, and patents set forth in **Schedules A and B** hereto (hereinafter said **Schedule IP**), including any and all right, title, and interest in, to, and under any and all patents obtained, or yet to be obtained, therefor throughout the world (hereinafter the **Territory**);

WHEREAS **MEDIGUIDE** acknowledges and confirms that, pursuant to a Research and Development Services Agreement effective 1 January 2010 between **MEDIGUIDE** and **St. Jude Medical Luxembourg Holding S.à r.l.**, a corporation that had been organized and that had existed under the laws of Grand Duchy of Luxembourg, having its registered offices at 4, rue Dicks, L-1417 Luxembourg, Grand Duchy of Luxembourg, registered with the Luxembourg trade and companies register (*Registre de Commerce et des Sociétés de Luxembourg*) under registration number B 143811, hereinafter **LUX**, (hereinafter said **2010 R&D Services Agreement**), **MEDIGUIDE** provided research and development services to **LUX**, including the development of "Intangible Property" and "Trademarks" (as defined in §§ 1(g) and 1(q) of that agreement, respectively) during the term of said **2010 R&D Services Agreement**, hereinafter said **Transferred Property**, which includes, inter alia, said **Schedule IP**;

WHEREAS, pursuant to § 6.1 of said **2010 R&D Services Agreement**, (a) **LUX** was deemed the exclusive owner of all said **Transferred Property**; and (b) **LUX** was free to, among other rights, register or exploit in any manner the economic and legal title to said **Transferred Property**;

WHEREAS, during the term of said **2010 R&D Services Agreement**, **LUX** at times chose to register matters in the name of **MEDIGUIDE** by recording assignments of said **Transferred Property** in the name of **MEDIGUIDE** while maintaining exclusive ownership of all of said **Transferred Property** pursuant to § 6.1 of said **2010 R&D Services Agreement**;

WHEREAS **MEDIGUIDE** has been informed and acknowledges that, in a confirmatory assignment and a concurrently-executed agreement, both effective 15 December 2015, **LUX** assigned and confirmed the assignment of its entire right, title, and interest in, to, and under said **Scheduled IP**, including, but not limited to, its entire right, title, and interest in, to, and under any and all patents obtained, or yet to be obtained, for said **Schedule IP** throughout the **Territory** to **SJM INTERNATIONAL**; and

WHEREAS, **MEDIGUIDE** has been informed and acknowledges that **LUX** no longer exists as an ongoing business and that prior to dissolution, **LUX** transferred any and all of its assets including said **2010 R&D Services Agreement** to **SJM INTERNATIONAL**.

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MEDIGUIDE's Representative's Initials

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**PATENT
REEL: 046515 FRAME: 0417**

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, **MEDIGUIDE** hereby acknowledges and confirms that, pursuant to said **2010 R&D Services Agreement**, it has sold, assigned, and transferred unto **LUX**, its successors and assigns, or, if any of the aforementioned instruments are deemed to be defective, hereby assigns and transfers unto **SJM INTERNATIONAL**, its successors and assigns, **MEDIGUIDE's** entire right, title, and interest in, to, and under said **Transferred Property**, including all divisions, continuations, continuations-in-part, reissues, or renewals thereof, and any other patents that have issued and that may or shall issue therefor in said **Territory**, including all of **MEDIGUIDE's** entire rights under any and all international conventions, and including **MEDIGUIDE's** right to sue for infringement, to seek injunctive relief, and to collect, inter alia, money damages, royalties, lost profits, attorney fees, and costs for any infringement of said **Transferred Property**, whether such infringement may have already occurred or may occur in the future;

AND **MEDIGUIDE** HEREBY acknowledges and confirms that **SJM INTERNATIONAL**, its successors and assigns, or anyone it has properly designated, is authorized to apply for patents for said **Transferred Property**, in its own name if desired, throughout said **Territory**, and additionally is authorized to claim the filing date of any aforesaid **Schedule IP**, and otherwise take advantage of the provisions of any and all international conventions;

AND **MEDIGUIDE** HEREBY authorizes and requests any official of any State whose duty consists of issuing patents, or other evidence or forms of any industrial property protection, on any **Transferred Property**, to issue same to **SJM INTERNATIONAL**, its successors and assigns;

AND **MEDIGUIDE** HEREBY covenants and agrees with **SJM INTERNATIONAL**, its successors and assigns, that **MEDIGUIDE** had the full right to convey the entire interest assigned in said **2010 R&D Services Agreement** and confirmed herein, and that **MEDIGUIDE** has not executed, and will not execute, any agreement in conflict therewith or herewith, and that **MEDIGUIDE** will not do any other act whatsoever conflicting with those presents or these presents, and that **MEDIGUIDE** or its successors, assigns, executors, or administrators will at any time upon request, without further or additional consideration, but at the expense of **SJM INTERNATIONAL**, its successors and assigns, communicate to **SJM INTERNATIONAL**, its successors and assigns, any facts known to **MEDIGUIDE** respecting said **Transferred Property**, and testify in any legal proceedings, sign any lawful papers, execute any original, divisional, continuation, continuation-in-part, and reissue applications, make any rightful oaths, and generally do such additional acts as **SJM INTERNATIONAL**, its successors and assigns, may deem necessary or desirable to obtain and enforce proper protection for said **Transferred Property** throughout said **Territory**;

AND **MEDIGUIDE** HEREBY FURTHER covenants and agrees that this **2017 Acknowledgement and Confirmatory Assignment** is effective as of 15 December 2015; and **MEDIGUIDE** hereby confirms title in said **Transferred Property** in **SJM INTERNATIONAL** as of that date.

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MEDIGUIDE's Representative's Initials

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IN TESTIMONY WHEREOF, MEDIGUIDE hereunto sets its hand on the under-mentioned day and year, and delivers this 2017 Acknowledgement and Confirmatory Assignment.

MediGuide Ltd.

6/26/2017
(Date)

By: [Signature]
(Signature of MEDIGUIDE Representative)

Thomas A. Rendos
(Printed Name of MEDIGUIDE Representative)

Division Counsel
(Title of MEDIGUIDE Representative)

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared the above-named representative of MEDIGUIDE, to me known and known to me to be the person of that name, who signed the foregoing 2017 Acknowledgement and Confirmatory Assignment and acknowledged that execution of the same was a free act and deed.

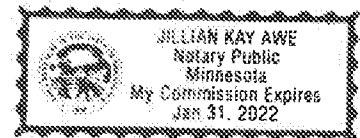
6/26/2017
(Date)

Plymouth, Minnesota (Hennepin Cty)
(Place)

SEAL

1/31/2022
(Commission Expiry Date)

[Signature]
(Notary Public: Signature and Name)



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SJM INTERNATIONAL HEREBY acknowledges the aforesaid statements and accepts the aforesaid 2017 Acknowledgement and Confirmatory Assignment;

AND, IN TESTIMONY WHEREOF, SJM INTERNATIONAL hereunto sets its hand on the under-mentioned day and year.

St. Jude Medical International Holding S.à r.l.

26 JUN 2017
(Date)

By: [Signature]
(Signature of SJM INTERNATIONAL Representative)

Jon C. Trachtenberg
(Printed Name of SJM INTERNATIONAL Representative)

Sr. Counsel
(Title of SJM INTERNATIONAL Representative)

[Signature]
(Witness #1: Signature)

Medora Miller
(Witness #1: Printed Name)

[Signature]
(Witness #2: Signature)

NATHANIEL WALLIS
(Witness #2: Printed Name)

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SCHEDULE A
[MediGuide post-2009 US]

Cy	Application No.	Filing Date	Title	Publication No.	Patent No.	Issue Date
US	12/748,894	29-Mar-10	METHOD FOR DETECTING CONTACT WITH THE WALL OF A REGION OF INTEREST	2011-0237933		
US	12/843,095	26-Jul-10	REMOVABLE NAVIGATION SYSTEM AND METHOD FOR A MEDICAL DEVICE	2012-0017923		
US	12/950,841	19-Nov-10	SYSTEMS AND METHODS FOR NAVIGATING A SURGICAL DEVICE	2012-0130230	8,971,993	3-Mar-15
US	12/980,848	29-Dec-10	MEDICAL DEVICE GUIDEWIRE WITH A POSITION SENSOR	2012-0172761	8,764,683	1-Jul-14
US	12/981,963	30-Dec-10	METHOD OF ASSEMBLING A POSITIONING SENSOR AND ASSOCIATED WIRING ON A MEDICAL DEVICE	2012-0172842	8,636,718	28-Jan-14
US	12/982,120	30-Dec-10	ELECTROMAGNETIC COIL SENSOR FOR A MEDICAL DEVICE	2012-0172716		
US	13/232,536	14-Sep-11	METHOD FOR PRODUCING A MINIATURE ELECTROMAGNETIC COIL USING FLEXIBLE PRINTED CIRCUITRY	2013-0066194		
US	13/339,588	29-Dec-11	MOTION-COMPENSATED IMAGE FUSION	2013-0172730		
US	13/341,396	30-Dec-11	ROLL DETECTION AND SIX DEGREES OF FREEDOM SENSOR ASSEMBLY	2013-0169272	9,427,172	30-Aug-16
US	13/748,196	23-Jan-13	DISTRIBUTED LOCATION SENSOR	2014-0206985	9,468,397	18-Oct-16
US	13/753,117	29-Jan-13	SHIELDED TWISTED PAIR OF CONDUCTORS USING CONDUCTIVE INK	2014-0209372	9,101,046	4-Aug-15
US	13/783,544	4-Mar-13	Method for producing an electrophysiological map of the heart	2013/0184569		
US	13/977,438	25-Dec-11	SYSTEM AND METHOD FOR REGISTRATION OF FLUOROSCOPIC IMAGES IN A COORDINATE SYSTEM OF A MEDICAL DEVICE NAVIGATION SYSTEM	2013-0272592		

Cy	Application No.	Filing Date	Title	Publication No.	Patent No.	Issue Date
US	14/159,007	20-Jan-14	METHOD OF ASSEMBLING A POSITIONING SENSOR AND ASSOCIATED WIRING ON A MEDICAL DEVICE	2014-0200556	9,457,167	4-Oct-16
US	14/188,007	24-Feb-14	REPRESENTATIVE EMULATION OF ORGAN BEHAVIOR	2014-0243650		
US	14/208,120	13-Mar-14	MEDICAL DEVICE NAVIGATION SYSTEM	2014-0275998	9,326,702	3-May-16
US	14/243,254	2-Apr-14	ENHANCED COMPENSATION OF MOTION IN A MOVING ORGAN USING PROCESSED REFERENCED SENSOR DATA	2014-0296857		
US	14/292,088	30-May-14	MEDICAL DEVICE GUIDEWIRE WITH A POSITION SENSOR	2014-0276226		
US	14/585,478	30-Dec-14	SYSTEMS AND METHODS FOR NAVIGATING A SURGICAL DEVICE	2015-0182294		
US	14/790,541	2-Jul-15	SHIELDED TWISTED PAIR OF CONDUCTORS USING CONDUCTIVE INK	2015/0374254		
US	14/983,529	29-Dec-15	Medical system having combined and synergized data output from multiple independent inputs	2016/0203608		
US	15/034,474	4-May-16	Magnetic field generator with minimal image occlusion and minimal impact on dimensions in c-arm x-ray environments	20160287133		
US	15/042,613	12-Feb-16	Tracking-based 3D model enhancement	2016-0239963		
US	15/090,368	4-Apr-16	Medical device navigation system	20160287343		
US	15/244,719	23-Aug-16	Roll detection and six degrees of freedom sensor assembly	2017-0049357		
US	15/283,587	3-Oct-16	Method of assembling a positioning sensor and associated wiring on a medical tool			

Cy	Application No.	Filing Date	Title	Publication No.	Patent No.	Issue Date
US	15/292,773	13-Oct-16	Distributed location sensor			
US	15/312,378	18-Nov-16	Control of the movement and image acquisition of an x-ray system for a 3D/4D co-registered rendering of a target anatomy			
US	15/323,178	30-Dec-16	Localized Magnetic Field Generator			
US	61/428,440	30-Dec-10	SYSTEM AND METHOD FOR REGISTRATION OF FLUOROSCOPIC IMAGES IN A COORDINATE SYSTEM OF A MEDICAL DEVICE NAVIGATION SYSTEM			
US	61/768,025	22-Feb-13	CINE REPLAY SYSTEM AND METHOD USING REPRESENTED IMAGES			
US	61/769,613	26-Feb-13	REPRESENTATIVE EMULATION OF ORGAN BEHAVIOR			
US	61/787,542	15-Mar-13	MEDICAL DEVICE NAVIGATION SYSTEM			
US	61/807,511	2-Apr-13	ENHANCED COMPENSATION OF MOTION IN A MOVING ORGAN USING PROCESSED REFERENCED SENSOR DATA			
US	61/808,047	3-Apr-13	REPRESENTATIVE EMULATION OF ORGAN BEHAVIOR			
US	61/834,223	12-Jun-13	MEDICAL DEVICE NAVIGATION SYSTEM			
US	61/900,846	6-Nov-13	MAGNETIC FIELD GENERATOR WITH MINIMAL IMAGE OCCLUSION AND MINIMAL IMPACT ON DIMENSIONS IN C-ARM X-RAY ENVIRONMENTS			

Cy	Application No.	Filing Date	Title	Publication No.	Patent No.	Issue Date
US	62/003,008	26-May-14	CONTROL OF THE MOVEMENT AND IMAGE ACQUISITION OF AN X-RAY SYSTEM FOR A 3D/4D CO-REGISTERED RENDERING OF A TARGET ANATOMY			
US	62/020,881	3-Jul-14	LOCALIZED MAGNETIC FIELD GENERATOR			
US	62/098,813	31-Dec-14	LOCALIZED MAGNETIC FIELD GENERATOR			
US	62/101,133	8-Jan-15	MEDICAL SYSTEM HAVING COMBINED AND SYNERGIZED DATA OUTPUT FROM MULTIPLE INDEPENDENT INPUTS			
US	62/116,037	13-Feb-15	TRACKING-BASED 3D MODEL ENHANCEMENT			
US			COMBINE AND SYNERGIZE MAGNETIC NAVIGATION INFORMATION, ELECTRIC NAVIGATION INFORMATION, PHYSIOLOGICAL INFORMATION AND IMAGING INFORMATION			

SCHEDULE B
[MediGuide post-2009 OUS]

Cy	Application No.	Filing Date	Title	Publication No.	Patent No.	Issue Date
CN	2011800631380	27-Jun-13	MEDICAL DEVICE GUIDEWIRE WITH A POSITION SENSOR	103298514	103298514	7-Sep-16
CN	2012800645265	25-Jun-14	ROLL DETECTION AND SIX DEGREES OF FREEDOM SENSOR ASSEMBLY	104023630	ZL2012800645265	28-Sep-16
CN	2014800045176	10-Jul-15	SHIELDED TWISTED PAIR OF CONDUCTORS USING CONDUCTIVE INK	104918548		
CN	2014800101161	24-Aug-15	MEDICAL DEVICE NAVIGATION SYSTEM	105025836		
CN	2014800603985	4-May-16	MAGNETIC FIELD GENERATOR WITH MINIMAL IMAGE OCCLUSION AND MINIMAL IMPACT ON DIMENSIONS IN C-ARM X-RAY ENVIRONMENTS	105813560		
CN	201280044517.X	13-Sep-12	METHOD FOR PRODUCING A MINIATURE ELECTROMAGNETIC COIL USING FLEXIBLE PRINTED CIRCUITRY	103930024	201280044517.X	2-Nov-16
CN	2015800351960	28-Dec-16	LOCALIZED MAGNETIC FIELD GENERATOR			
DE	11813570	25-Dec-11		2632336	602011028431	20-Jul-16
DE	12783299	21-Feb-14	METHOD FOR PRODUCING A MINIATURE ELECTROMAGNETIC COIL USING FLEXIBLE PRINTED CIRCUITRY		2755554	15-Mar-17
DE	14705219	22-Apr-15	SHIELDED TWISTED PAIR OF CONDUCTORS USING CONDUCTIVE INK	2897525	2897525	28-Dec-16
EP	11814943	10-Jun-11	REMOVABLE NAVIGATION SYSTEM AND METHOD FOR A MEDICAL DEVICE	2574173		
EP	11854429	13-May-13	MEDICAL DEVICE GUIDEWIRE WITH A POSITION SENSOR	2627392		
EP	12783299	21-Feb-14	METHOD FOR PRODUCING A MINIATURE ELECTROMAGNETIC COIL USING FLEXIBLE PRINTED CIRCUITRY	2755554	2755554	15-Mar-17

Cy	Application No.	Filing Date	Title	Publication No.	Patent No.	Issue Date
EP	12821133	20-May-14	ROLL DETECTION AND SIX DEGREES OF FREEDOM SENSOR ASSEMBLY	2797504		
EP	14705219	22-Apr-15	SHIELDED TWISTED PAIR OF CONDUCTORS USING CONDUCTIVE INK	2897525	2897525	28-Dec-16
EP	14707615	3-Sep-15	METHOD FOR PRODUCING AN ELECTROPHYSIOLOGICAL MAP OF THE HEART	2950709		
EP	14715681	9-Jul-15	MEDICAL DEVICE NAVIGATION SYSTEM	2928408		
EP	11 813 569.8	25-Dec-11	SYSTEM AND METHOD FOR REGISTRATION OF FLUOROSCOPIC IMAGES IN A COORDINATE SYSTEM OF A MEDICAL DEVICE NAVIGATION SYSTEM	2632336	2632336	20-Jul-16
EP	14 710 055.6	21-May-15	REPRESENTATIVE EMULATION OF ORGAN BEHAVIOR	2908728		
EP	14808713	16-Feb-16	MAGNETIC FIELD GENERATOR WITH MINIMAL IMAGE OCCLUSION AND MINIMAL IMPACT ON DIMENSIONS IN C-ARM X-RAY ENVIRONMENTS	3021748		
EP	15781410	15-Dec-16	LOCALIZED MAGNETIC FIELD GENERATOR	3142551		
EP	15784754	20-Oct-16	CONTROL OF THE MOVEMENT AND IMAGE ACQUISITION OF AN X-RAY SYSTEM FOR A 3D/4D CO-REGISTERED RENDERING OF A TARGET ANATOMY	3148441		
EP	16173246	7-Jun-16	SYSTEM AND METHOD FOR REGISTRATION OF FLUOROSCOPIC IMAGES IN A COORDINATE SYSTEM OF A MEDICAL DEVICE NAVIGATION SYSTEM	3087922		
EP	1619542	30-Sep-16	METHOD FOR PRODUCING A MINIATURE ELECTROMAGNETIC COIL USING FLEXIBLE PRINTED CIRCUITRY			

Cy	Application No.	Filing Date	Title	Publication No.	Patent No.	Issue Date
FR	11 813 569.8	25-Dec-11	SYSTEM AND METHOD FOR REGISTRATION OF FLUOROSCOPIC IMAGES IN A COORDINATE SYSTEM OF A MEDICAL DEVICE NAVIGATION SYSTEM	2632336	2632336	20-Jul-16
FR	12783299	21-Feb-14	METHOD FOR PRODUCING A MINIATURE ELECTROMAGNETIC COIL USING FLEXIBLE PRINTED CIRCUITRY		2755554	15-Mar-17
FR	14705219	22-Apr-15	SHIELDED TWISTED PAIR OF CONDUCTORS USING CONDUCTIVE INK	2897525	2897525	28-Dec-16
GB	11 813 569.8	25-Dec-11	SYSTEM AND METHOD FOR REGISTRATION OF FLUOROSCOPIC IMAGES IN A COORDINATE SYSTEM OF A MEDICAL DEVICE NAVIGATION SYSTEM	2632336	2632336	20-Jul-16
GB	12783299	21-Feb-14	METHOD FOR PRODUCING A MINIATURE ELECTROMAGNETIC COIL USING FLEXIBLE PRINTED CIRCUITRY		2755554	15-Mar-17
GB	14705219	22-Apr-15	SHIELDED TWISTED PAIR OF CONDUCTORS USING CONDUCTIVE INK	2897525	2897525	28-Dec-16
IL	241531	10-Sep-15	MEDICAL DEVICE NAVIGATION SYSTEM			
IL	244172	18-Feb-16	MAGNETIC FIELD GENERATOR WITH MINIMAL IMAGE OCCLUSION AND MINIMAL IMPACT ON DIMENSIONS IN C-ARM X-RAY ENVIRONMENTS			
IL	249568	14-Dec-16	LOCALIZED MAGNETIC FIELD GENERATOR			
IT	11 813 569.8	25-Dec-11	SYSTEM AND METHOD FOR REGISTRATION OF FLUOROSCOPIC IMAGES IN A COORDINATE SYSTEM OF A MEDICAL DEVICE NAVIGATION SYSTEM	2632336	50201600008701 6	20-Jul-16
IT	12783299	21-Feb-14	METHOD FOR PRODUCING A MINIATURE ELECTROMAGNETIC COIL USING FLEXIBLE PRINTED		2755554	15-Mar-17

Cy	Application No.	Filing Date	Title	Publication No.	Patent No.	Issue Date
			CIRCUITRY			
IT	14705219	22-Apr-15	SHIELDED TWISTED PAIR OF CONDUCTORS USING CONDUCTIVE INK	2897525	2897525	28-Dec-16
JP	2013-521784	10-Jun-11	REMOVABLE NAVIGATION SYSTEM AND METHOD FOR A MEDICAL DEVICE	2013-535273	5848347	4-Dec-15
JP	2013-547465	14-May-13	MEDICAL DEVICE GUIDEWIRE WITH A POSITION SENSOR	2014-507197	5721862	3-Apr-15
JP	2014-530356	11-Mar-14	METHOD FOR PRODUCING A MINIATURE ELECTROMAGNETIC COIL USING FLEXIBLE PRINTED CIRCUITRY	2014-530039	5844470	27-Nov-15
JP	2014-549585	26-Jun-14	ROLL DETECTION AND SIX DEGREES OF FREEDOM SENSOR ASSEMBLY	2015-506202	6023214	14-Oct-16
JP	2015-554292	1-May-15	SHIELDED TWISTED PAIR OF CONDUCTORS USING CONDUCTIVE INK			
JP	2015-562499	12-Aug-15	MEDICAL DEVICE NAVIGATION SYSTEM		5902878	18-Mar-16
JP	2016-046534	10-Mar-16	MEDICAL DEVICE NAVIGATION SYSTEM	2016-135269		
JP	2016-552709	6-May-16	MAGNETIC FIELD GENERATOR WITH MINIMAL IMAGE OCCLUSION AND MINIMAL IMPACT ON DIMENSIONS IN C-ARM X-RAY ENVIRONMENTS	2016-535658		
JP	2016-575415	26-Dec-16	LOCALIZED MAGNETIC FIELD GENERATOR			
JP	2016-569816	25-Nov-16	CONTROL OF THE MOVEMENT AND IMAGE ACQUISITION OF AN X-RAY SYSTEM FOR A 3D/4D CO-REGISTERED RENDERING OF A TARGET ANATOMY			

Cy	Application No.	Filing Date	Title	Publication No.	Patent No.	Issue Date
WO	PCT/IB2011/055 954	25-Dec-11	SYSTEM AND METHOD FOR REGISTRATION OF FLUOROSCOPIC IMAGES IN A COORDINATE SYSTEM OF A MEDICAL DEVICE NAVIGATION SYSTEM	2012-090148		
WO	PCT/IB2012/054 756	13-Sep-12	METHOD FOR PRODUCING A MINIATURE ELECTROMAGNETIC COIL USING FLEXIBLE PRINTED CIRCUITRY	2013-038354		
WO	PCT/IB2012/057 418	18-Dec-12	ROLL DETECTION AND SIX DEGREES OF FREEDOM SENSOR ASSEMBLY	2013-098715		
WO	PCT/IB2014/058 566	27-Jan-14	SHIELDED TWISTED PAIR OF CONDUCTORS USING CONDUCTIVE INK	2014-118686		
WO	PCT/IB2014/059 120	20-Feb-14	REPRESENTATIVE EMULATION OF ORGAN BEHAVIOR	2014-128637		
WO	PCT/IB2014/059 709	13-Mar-14	MEDICAL DEVICE NAVIGATION SYSTEM	2014-14113		
WO	PCT/IB2014/065 497	21-Oct-14	MAGNETIC FIELD GENERATOR WITH MINIMAL IMAGE OCCLUSION AND MINIMAL IMPACT ON DIMENSIONS IN C-ARM X-RAY ENVIRONMENTS	2015-068069		
WO	PCT/IB2015/001 528	26-May-15	CONTROL OF THE MOVEMENT AND IMAGE ACQUISITION OF AN X- RAY SYSTEM FOR A 3D/4D CO- REGISTERED RENDERING OF A TARGET ANATOMY			
WO	PCT/US2011/04 0034	10-Jun-11	REMOVABLE NAVIGATION SYSTEM AND METHOD FOR A MEDICAL DEVICE	2012-018435		

Cy	Application No.	Filing Date	Title	Publication No.	Patent No.	Issue Date
WO	PCT/US2011/056633	18-Oct-11	MEDICAL DEVICE GUIDEWIRE WITH A POSITION SENSOR	2012-091783		
WO	PCT/US2014/017140	19-Feb-14	METHOD FOR PRODUCING AN ELECTROPHYSIOLOGICAL MAP OF THE HEART	2014-137597		
WO	PCT/US2015/038863	1-Jul-15	LOCALIZED MAGNETIC FIELD GENERATOR			
WO	PCT/US2016/017722	15-Feb-16	TRACKING-BASED 3D MODEL ENHANCEMENT			