

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4323130

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	SIMPLIFY MEDICAL, INC.	12/09/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	SIMPLIFY MEDICAL PTY LTD	
<b>Street Address:</b>	120B UNDERWOOD STREET	
<b>City:</b>	PADDINGTON, NSW	
<b>State/Country:</b>	AUSTRALIA	
<b>Postal Code:</b>	2021	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15359298
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(650)493-6811	
<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>		
<b>Email:</b>	jroeder@wsgr.com	
<b>Correspondent Name:</b>	JOY ROEDER	
<b>Address Line 1:</b>	650 PAGE MILL ROAD	
<b>Address Line 4:</b>	PALO ALTO, CALIFORNIA 94304	
<b>ATTORNEY DOCKET NUMBER:</b>	29850-719.301	
<b>NAME OF SUBMITTER:</b>	JOY A. ROEDER	
<b>SIGNATURE:</b>	/Joy A. Roeder/	
<b>DATE SIGNED:</b>	03/16/2017	
<b>Total Attachments: 15</b>		
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## ASSIGNMENT AGREEMENT

December 7

This Agreement ("Agreement") effective as of [↓], 2014 (the "Effective Date") between Simplify Medical Pty Ltd ("Assignee") and Simplify Medical, Inc. ("Assignor"). NOW, THEREFORE, for good and valuable consideration the receipt and adequacy of which is acknowledged, the parties hereto agree as follows:

### ARTICLE 1 ASSIGNMENT

1.1 Assignment. Assignor hereby assigns, transfers and conveys to Assignee any and all of Assignor's right, title and interest in and to:

i. Any and all subject matter claimed or disclosed in those patent applications listed on Exhibit A (collectively such subject matter, the "Inventions" and such applications, the "Existing Applications");

ii. all rights to apply in any and all countries of the world for patents, certificates of inventions or other governmental grants with respect to any Invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding;

iii. any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on any Invention anywhere in the world, including each and every application (whether provisional, converted provisional, utility or otherwise) filed and each and every patent granted on any application which is a division, substitution, continuation or continuation in part of any of said applications (collectively, the "Patents");

iv. each and every reissue or extension of any of the Patents;

v. each and every patent claim resulting from a reexamination certificate for any and all of the Patents;

vi. any and all technical information, know-how, test results, knowledge, techniques, discoveries, data, ideas, specifications, designs, trade secrets, regulatory and other governmental filings, documents, apparatus, clinical and regulatory strategies, manufacturing information, descriptions, compositions of matter, processes, methods, procedures, assays, preclinical and clinical data, analytical and quality control or assurance data and any other similar information, in each case that relates to or is otherwise reasonably necessary or useful for the manufacture, packaging, use (including delivery), sale, importation or other exploitation of Inventions or Patents (collectively, "Technology"); and

vii. all causes of action and enforcement rights for the Patents or Technology including all rights to pursue damages, injunctive relief and other remedies for past and future infringement or misappropriation of the Patents or Technology.

1.2 Issuance of Patents And/Or Certificates of Invention. Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Patents in the name of Assignee, as the assignee to the entire interest therein.

**ARTICLE 2**  
**CONSIDERATION**

2.1 Assignment Payment. In consideration for the assignments granted by Assignor to Assignee herein, Assignee shall pay to Assignor US\$1,590,000.00 by instalments and at times agreed to by the Assignor.

**ARTICLE 3**  
**REPRESENTATIONS AND WARRANTIES**

3.1 Warranties. Assignor represents and warrants that: (i) he is the owner of the entire right, title, and interest in and to the Inventions and Patents free and clear of any liens or encumbrances; (ii) he has not previously granted and will not grant any rights in the Inventions or Patents to any third party; (iii) except for the Patents, as of the Effective Date, he does not own or control any patent or patent application (including any invention disclosure or draft patent application for which a patent application is intended to be filed) the claims of which would dominate any practice of the Inventions; (iv) as of the Effective Date, there are no actions, suits or proceedings pending or threatened in writing against him at law or in equity by or before any third party, federal, state or other governmental department, agency or instrumentality, domestic or foreign, which may in any way adversely affect Assignee's rights hereunder or otherwise call into question his rights to transfer to Assignee the rights contemplated hereunder and (v) the Inventions have not been developed under any funding agreement with the Government of the United States.

3.2 Disclaimer. EXCEPT AS PROVIDED IN THIS ARTICLE 4, NEITHER PARTY MAKES ANY WARRANTIES OR CONDITIONS (EXPRESS, IMPLIED, STATUTORY OR OTHERWISE) WITH RESPECT TO THE SUBJECT MATTER HEREOF, AND BOTH PARTIES SPECIFICALLY DISCLAIM ANY AND ALL IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSES AND NONINFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

**ARTICLE 4**  
**INDEMNIFICATION**

Assignee shall defend Assignor from and against any and all claims, suits or proceedings brought by third parties (including reasonable attorneys' fees) (any of the foregoing, a "Claim") against Assignor, as a direct result of Assignee's gross negligence or willful misconduct; provided, however, that Assignee's obligations pursuant to this Article 5 shall not apply to the extent that such Claims result from (i) the negligence, bad faith, willful misconduct or omission of Assignor; or (ii) breach of any of the terms or conditions of this Agreement, including the representations and warranties made by Assignor in Section 4.1. Assignee's indemnity obligations are contingent upon Assignor: (i) promptly notifying Assignee in writing of any such Claim with respect to which he intends to claim such indemnification; (ii) giving Assignee sole control of the defense and/or settlement thereof; and (iii) providing Assignee, at Assignee's expense, with reasonable assistance and full information with respect to such Claim. Assignee shall have no obligations for any Claim if Assignor makes any admission, settlement or other communication regarding such Claim without the prior written consent of Assignee, not to be unreasonably withheld.

**ARTICLE 5**  
**MISCELLANEOUS**

5.1 Further Assurances. Assignor agrees to assist Assignee, or its designee, at Assignee' expense, in every proper way to secure Assignee' rights in the Inventions and Patents in any and all countries, including the disclosure to Assignee of all pertinent information and data with respect thereto, the execution of all applications, specifications, oaths, assignments and all other instruments which Assignee shall deem necessary or appropriate in order to apply for and obtain such rights and in order to assign and convey to Assignee, its successors, assigns, and nominees the sole and exclusive right, title and interest in and to such Inventions and Patents. If Assignee is unable because of Assignor unavailability or for any other reason to secure his signature to file, prosecute, maintain or enforce any Patent, Assignor hereby irrevocably designates and appoints Assignee and its duly authorized officers and agents as his agent and attorney in fact, to act for and in his behalf and stead for any such purpose with the same legal force and effect as if executed by Assignor.

5.2 General. This Agreement shall be governed by, and construed and enforced in accordance with, the laws of the State of California, without reference to its principles of conflicts of law. The relationship of Assignor and Assignee established by this Agreement is that of independent contractors. Assignor agrees not to disclose any terms of this Agreement to any third party without the consent of Assignee, except as required by securities or other applicable laws, to prospective and other investors and such party's accountants, attorneys and other professional advisors. This Agreement shall be binding upon the successors and assigns of the parties. All notices, requests and communications hereunder shall be in writing and shall be personally delivered or sent by facsimile transmission (receipt confirmed), mailed by registered or certified mail, postage prepaid, or sent by express courier service (e.g., Federal Express), and shall be deemed to have been properly served to the addressee upon receipt of such written communication, to address of the applicable party set forth below its signature, or such other address as may be specified in writing to the other party. This Agreement sets forth the entire agreement between the parties with respect to the subject matter contained herein and supersedes any previous understandings, commitments or agreements, whether oral or written. This Agreement may only be amended with a writing signed by authorized representatives of both parties hereto that specifically and expressly refers to this Agreement. NEITHER PARTY SHALL BE LIABLE TO THE OTHER PARTY FOR ANY SPECIAL, CONSEQUENTIAL, EXEMPLARY OR INCIDENTAL DAMAGES (INCLUDING LOST OR ANTICIPATED REVENUES OR PROFITS RELATING TO THE SAME), ARISING FROM ANY CLAIM RELATING TO THIS AGREEMENT, WHETHER SUCH CLAIM IS BASED ON CONTRACT, TORT (INCLUDING NEGLIGENCE) OR OTHERWISE, EVEN IF AN AUTHORIZED REPRESENTATIVE OF SUCH PARTY IS ADVISED OF THE POSSIBILITY OR LIKELIHOOD OF SAME. If any provision of this Agreement shall be found by a court to be void, invalid or unenforceable, the same shall be reformed to comply with applicable law or stricken if not so conformable, so as not to affect the validity or enforceability of the remainder of this Agreement.

5.3 Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed an original, but both of which together shall constitute one and the same instrument.

[Signature Page follows]

IN WITNESS WHEREOF, the parties hereto have caused their duly authorized representatives to execute this Agreement as of the Effective Date.

Assignor – Simplify Medical, Inc.

By: 

Name: DAVID HOVDA

Title: CEO

Assignee – Simplify Medical Pty Ltd

By: 

Name: MARK CARNEGIE

Title: DIRECTOR

Address: 201 San Antonio Circle, Suite 115  
Mountain View, CA 94040

Address: 120B UNDERWOOD ST  
PADDINGTON NSW AUSTRALIA 2021

# EXHIBIT A

## EXISTING APPLICATION

US/PCT Application No.	Filing Date	Title	Inventors	Publication/ Patent No.	Publication/ Patent Date/ Status
PCT/US2004/016789	26-May-2004	Prosthetic Disc for Intervertebral Insertion	de Villiers, Malan; Hahnle, Ulrich Reinhard	WO 04/105638	09-Dec-2004 (Published, Expired)
60/473,803	27-May-2003	Intervertebral Prosthetic Disc	de Villiers, Malan	n/a	(Provisional, Expired)
10/855,817	26-May-2004	Intervertebral Prosthetic Disc	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 7,442,211	28-Oct-2008 (Patented)
12/101,664	11-Apr-2008	Intervertebral Prosthetic Disc	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 2008-0221696	11-Sep-2008 (Published, Pending)
12/556,658	10-Sep-2009	Intervertebral Prosthetic Disc	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 2009-0326656	31-Dec-2009 (Published, Abandoned)
12/759,460	13-Apr-2010	Intervertebral Prosthetic Disc	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 2010-0191338	29-Jul-2010 (Published, Abandoned)
13/274,111	14-Oct-2011	Intervertebral Prosthetic Disc	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 2012-0035732	09-Feb-2012 (Published, Abandoned)
13/619,281	14-Sep-2012	Intervertebral Prosthetic Disc	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 8,771,356	08-Jul-2014 (Patented)
13/619,180	14-Sep-2012	Intervertebral Prosthetic Disc	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 2013-0013072	10-Jan-2013 (Published, Abandoned)
14/287,709	27-May-2014	Intervertebral Prosthetic Disc	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 2014-0277475	18-Sep-2014 (Published, Pending)
12/986,292	07-Jan-2011	Intervertebral Prosthetic Disc	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 2011-0160862	30-Jun-2011 (Published, Pending)
12/103,210	15-Apr-2008	Intervertebral Prosthetic Disc	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 8,092,538	10-Jan-2012 (Patented)
60/473,802	27-May-2003	Prosthetic Disc for Intervertebral Insertion	de Villiers, Malan; Hahnle, Ulrich Reinhard	n/a	(Provisional, Expired)
10/855,253	26-May-2004	Prosthetic Disc for Intervertebral	de Villiers, Malan; Hahnle,	US 7,753,956	13-Jul-2010 (Patented)

PATENT

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		Insertion	Ulrich Reinhard		
12/464,670	12-May-2009	Prosthetic Disc for Intervertebral Insertion	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 8,444,695	21-May-2013 (Patented)
12/626,027	25-Nov-2009	Prosthetic Disc for Intervertebral Insertion	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 8,845,729	30-Sep-2014 (Patented)
12/030,772	13-Feb-2008	Prosthetic Disc for Intervertebral Insertion	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 8,454,698	04-Jun-2013 (Patented)
14/150,437	08-Jan-2014	Prosthetic Disc for Intervertebral Insertion	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 2014-0128976	08-May-2014 (Published, Allowed)
PCT/IB2004/00170	26-Jan-2004	Spinal Midline Indicator	de Villiers, Malan; Hahnle, Ulrich Reinhard	WO 04/066865	12-Aug-2004 (Published, Expired)
11/187,733	21-Jul-2005	Spinal Midline Indicator	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 7,637,913	29-Dec-2009 (Patented)
12/616,697	11-Nov-2009	Spinal Midline Indicator	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 8,090,428	03-Jan-2012 (Patented)
13/310,514	02-Dec-2011	Spinal Midline Indicator	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 2012-0078374	29-Mar-2012 (Published, Abandoned)
PCT/US2005/027049	29-Jul-2005	Method and Apparatus for Intervertebral Disc Prosthesis Insertion	de Villiers, Malan; Hahnle, Ulrich Reinhard; Hovda, David C.	WO 06/017397	16-Feb-2006 (Published, Expired)
10/913,780	06-Aug-2004	Method and Apparatus for Intervertebral Disc Prosthesis Insertion	de Villiers, Malan; Hahnle, Ulrich Reinhard; Hovda, David C.	US 7,585,326	08-Sep-2009 (Patented)
12/650,231	30-Dec-2009	Method and Apparatus for Intervertebral Disc Prosthesis Insertion	de Villiers, Malan; Hahnle, Ulrich Reinhard; Hovda, David C.	US 2010-0100141	22-Apr-2010 (Published, Allowed)
13/619,352	14-Sep-2012	Method and Apparatus for Intervertebral Disc Prosthesis Insertion	de Villiers, Malan; Hahnle, Ulrich Reinhard; Hovda, David	US 2013-0013073	10-Jan-2013 (Published, Abandoned)



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12/044,165	07-Mar-2008	Method and Apparatus for Intervertebral Disc Prosthesis Insertion	de Villiers, Malan; Hahnle, Ulrich Reinhard; Hovda, David C.	US 8,206,447	26-Jun-2012 (Patented)
12/044,175	07-Mar-2008	Method and Apparatus for Intervertebral Disc Prosthesis Insertion	de Villiers, Malan; Hahnle, Ulrich Reinhard; Hovda, David C.	US 2008-0154301	26-Jun-2008 (Published, Abandoned)
PCT/IB2004/000171	26-Jan-2004	Intervertebral Prosthesis Placement Instrument	de Villiers, Malan; Hahnle, Ulrich Reinhard	WO 04/066884	12-Aug-2004 (Published, Expired)
11/187,403	21-Jul-2005	Intervertebral Prosthesis Placement Instrument	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 8,685,035	01-Apr-2014 (Patented)
12/624,631	24-Nov-2009	Spinal Midline Indicator	de Villiers, Malan; Hahnle, Ulrich Reinhard	US 2010-0069976	18-Mar-2010 (Published, Pending)
PCT/US2005/026160	21-Jul-2005	Intervertebral Prosthetic Disc With Metallic Core	de Villiers, Malan; Hahnle, Ulrich Reinhard; Hovda, David C.	WO 06/014830	09-Feb-2006 (Published, Expired)
10/903,913	30-Jul-2004	Intervertebral Prosthetic Disc With Metallic Core	de Villiers, Malan; Hahnle, Ulrich Reinhard; Hovda, David C.	US 7,575,599	18-Aug-2009 (Patented)
12/431,436	28-Apr-2009	Intervertebral Prosthetic Disc With Metallic Core	de Villiers, Malan; Hahnle, Ulrich Reinhard; Hovda, David C.	US 8,062,371	22-Nov-2011 (Patented)
13/288,285	03-Nov-2011	Intervertebral Prosthetic Disc With Metallic Core	de Villiers, Malan; Hahnle, Ulrich Reinhard; Hovda, David C.	US 2012-0059478	08-Mar-2012 (Published, Pending)

12/431,420	28-Apr-2009	Intervertebral Prosthetic Disc With Metallic Core	de Villiers, Malan; Hahnle, Ulrich Reinhard; Hovda, David C.	US 8,002,834	23-Aug-2011 (Patented)
PCT/US2006/002263	19-Jan-2006	Intervertebral Prosthetic Disc With Shock Absorption	de Villiers, Malan; Hovda, David C.; Shapiro, James	WO 06/083599	10-Aug-2006 (Published, Expired)
11/051,513	04-Feb-2005	Intervertebral Prosthetic Disc With Shock Absorption	de Villiers, Malan; Hovda, David C.; Shapiro, James	US 8,083,797	27-Dec-2011 (Patented)
13/292,978	09-Nov-2011	Intervertebral Prosthetic Disc With Shock Absorption	de Villiers, Malan; Hovda, David C.; Shapiro, James	US 8,398,712	19-Mar-2013 (Patented)
PCT/IB2003/001529	24-Apr-2003	Intervertebral Prosthesis	de Villiers, Malan ; Hahnle, Ulrich Reinhard	WO 04/026187	01-Apr-2004 (Published, Expired)
11/468,601	30-Aug-2006	Intervertebral Prosthesis	de Villiers, Malan ; Hahnle, Ulrich Reinhard	n/a	(Abandoned)
11/468,618	30-Aug-2006	Intervertebral Prosthesis	de Villiers, Malan ; Hahnle, Ulrich Reinhard	US 7,731,754	08-Jun-2010 (Patented)
11/982,431	31-Oct-2007	Intervertebral Prosthesis	de Villiers, Malan ; Hahnle, Ulrich Reinhard	US 2008-0228277	18-Sep-2008 (Published, Abandoned)
11/982,420	31-Oct-2007	Intervertebral Prosthesis	de Villiers, Malan ; Hahnle, Ulrich Reinhard	US 2008-0294259	27-Nov-2008 (Published, Pending)
12/129,868	30-May-2008	Intervertebral Prosthesis	de Villiers, Malan ; Hahnle, Ulrich Reinhard	US 8,262,732	11-Sep-2012 (Patented)
12/731,993	25-Mar-2010	Intervertebral Prosthesis	de Villiers, Malan ; Hahnle, Ulrich Reinhard	US 2010-0179419	15-Jul-2010 (Published, Pending)
11/084,224	18-Mar-2005	Intervertebral Prosthesis	de Villiers, Malan ; Hahnle, Ulrich Reinhard	US 7,531,001	12-May-2009 (Patented)
PCT/US2007/066564	12-Apr-2007	Posterior Spinal Device and Method	de Villiers, Malan; Hovda, David C.	WO 07/124320	25-Oct-2007 (Published, Expired)
60/744,710	12-Apr-2006	Spinal Disc Arthroscopy	de Villiers, Malan; Hovda, David C.	n/a	(Provisional, Expired)

60/746,731	08-May-2006	Spinal Disc Arthroscopy	de Villiers, Malan	n/a	(Provisional, Expired)
60/883,493	04-Jan-2007	Spinal Disc Arthroscopy	de Villiers, Malan	n/a	(Provisional, Expired)
11/787,110	12-Apr-2007	Posterior Spinal Device and Method	de Villiers, Malan; Hovda, David C.	US 8,734,519	27-May-2014 (Patented)
12/025,561	04-Feb-2008	Posterior Spinal Device and Method	de Villiers, Malan; Hovda, David C.	US 8,486,147	16-Jul-2013 (Patented)
12/827,852	30-Jun-2010	Posterior Spinal Device and Method	de Villiers, Malan; Hovda, David C.	n/a	(Abandoned)
12/841,717	22-Jul-2010	Posterior Spinal Device and Method	de Villiers, Malan; Hovda, David C.	US 8,801,792	12-Aug-2014 (Patented)
PCT/US2007/074584	27-Jul-2007	Spinal Prosthesis With Offset Anchors	de Villiers, Malan; Hovda, David C.	WO 08/014452	31-Jan-2008 (Published, Expired)
60/820,769	28-Jul-2006	Spinal Prosthesis With Offset Anchors	de Villiers, Malan; Hovda, David C.	n/a	(Provisional, Expired)
11/829,054	26-Jul-2007	Spinal Prosthesis With Offset Anchors	de Villiers, Malan; Hovda, David C.	US 2008-0051900	28-Feb-2008 (Published, Abandoned)
PCT/US2007/074585	27-Jul-2007	Spinal Prosthesis With Multiple Pillar Anchors	de Villiers, Malan; Hovda, David C.	WO 08/014453	31-Jan-2008 (Published, Expired)
60/820,770	28-Jul-2006	Spinal Prosthesis With Multiple Pillar Anchors	de Villiers, Malan; Hovda, David C.	n/a	(Provisional, Expired)
11/829,056	26-Jul-2007	Spinal Prosthesis With Multiple Pillar Anchors	de Villiers, Malan; Hovda, David C.	US 2008-0051901	28-Feb-2008 (Published, Abandoned)
PCT/US09/40246	10-April-2009	Motion Limiting Insert and Method for an Artificial Intervertebral Disc	Barr, Bryan M.; Hovda, David C.; Arramon, Yves	WO 09/126908	15-Oct-2009 (Published, Abandoned)
61/044,290	11-Apr-2008	Motion Limiting Insert and Method for an Artificial Intervertebral Disc	Barr, Bryan M.; Hovda, David C.; Arramon, Yves	n/a	(Provisional, Expired)
12/419,532	07-Apr-2009	Motion Limiting Insert and	Barr, Bryan M.; Hovda, David	US 2010-0087868	08-Apr-2010 (Published,

		Method for an Artificial Intervertebral Disc	C.; Arramon, Yves		Pending)
PCT/US2008/071551	30-Jul-2008	Customized Intervertebral Prosthesis Disc With Shock Absorption	de Villiers, Malan; Hovda, David C.; Shapiro, James	WO 09/023436	19-Feb-2009 (Published, Expired)
11/836,684	09-Aug-2007	Customized Intervertebral Prosthesis Disc With Shock Absorption	de Villiers, Malan; Hovda, David C.; Shapiro, James	US 2009-0043391	12-Feb-2009 (Published, Abandoned)
12/883,068	15-Sep-2010	Customized Intervertebral Prosthesis Disc With Shock Absorption	de Villiers, Malan; Hovda, David C.; Shapiro, James	US 8,506,631	13-Aug-2013 (Patented)
13/941,121	12-Jul-2013	Customized Intervertebral Prosthesis Disc With Shock Absorption	de Villiers, Malan; Hovda, David C.; Shapiro, James	US 2013-0297026	07-Nov-2013 (Published, Pending)
PCT/US2008/076509	16-Sep-2008	Intervertebral Prosthetic Disc With Shock Absorption Core	Arramon, Yves	WO 09/039086	26-Mar-2009 (Published, Abandoned)
60/973,003	17-Sep-2007	Intervertebral Prosthetic Disc With Shock Absorption Core	Arramon, Yves	n/a	(Provisional, Expired)
12/207,635	10-Sep-2008	Intervertebral Prosthetic Disc With Shock Absorption Core	Arramon, Yves	US 2009-0076614	19-Mar-2009 (Published, Pending)
PCT/US2008/080798	22-Oct-2008	Method and Spacer Device for Spanning a Space Formed Upon Removal of an Intervertebral Disc	Hovda, David C.; Arramon, Yves	WO 09/055481	30-Apr-2009 (Published, Abandoned)
PCT/US2008/080804	22-Oct-2008	Dynamic Spacer Device and Method for Spanning a Space	Hovda, David C.; Arramon, Yves; Jansen, Neville; de	WO 09/055481	30-Apr-2009 (Published, Expired)

		Formed Upon Removal of an Intervertebral Disc	Villiers, Malan		
PCT/2008/080800	22-Oct-2008	Vertebral Body Replacement and Method for Spanning a Space Formed Upon Removal of a Vertebral Body	Hovda, David C.; Arramon, Yves	WO 09/055478	30-Apr-2009 (Published, Abandoned)
60/981,663	22-Oct-2007	Method and Spacer Device for Spanning a Space Formed Upon Removal of an Intervertebral Disc	Hovda, David C.; Arramon, Yves	n/a	(Provisional, Expired)
12/255,731	22-Oct-2008	Method and Spacer Device for Spanning a Space Formed Upon Removal of an Intervertebral Disc	Hovda, David C.; Arramon, Yves	US 2009-0105833	23-Apr-2009 (Published, Pending)
12/255,733	22-Oct-2008	Dynamic Spacer Device and Method for Spanning a Space Formed Upon Removal of an Intervertebral Disc	Hovda, David C.; Arramon, Yves; Jansen, Neville; de Villiers, Malan	US 2009-0105834	23-Apr-2009 (Published, Abandoned)
12/255,737	22-Oct-2008	Vertebral Body Replacement and Method for Spanning a Space Formed Upon Removal of a Vertebral Body	Hovda, David C.; Arramon, Yves	US 8,758,441	24-Jun-2014 (Patented)
PCT/US2009 031723	22-Jan-2009	Intervertebral Prosthetic Disc With Shock Absorbing Core Formed With Disc Springs	Arramon, Yves; de Villiers, Malan; Jansen, Neville	WO 09/094475	30-Jul-2009 (Published, Expired)

61/023,480	25-Jan-2008	Intervertebral Prosthetic Disc With Shock Absorbing Core Formed With Disc Springs	Arramon, Yves; de Villiers, Malan; Jansen, Neville	n/a	(Provisional, Expired)
61/049,259	30-Apr-2008	Intervertebral Prosthetic Disc With Shock Absorbing Core Formed With Disc Springs	Arramon, Yves; de Villiers, Malan; Jansen, Neville	n/a	(Provisional, Expired)
12/358,716	23-Jan-2009	Intervertebral Prosthetic Disc With Shock Absorbing Core Formed With Disc Springs	Arramon, Yves; de Villiers, Malan; Jansen, Neville	US 2009-0192617	30-Jul-2009 (Published, Pending)
PCT/US2009/031726	22-Jan-2009	Compliant Implantable Prosthetic Joint With Preloaded Spring	Arramon, Yves	WO 09/094477	30-Jul-2009 (Published, Expired)
61/023,536	25-Jan-2008	Compliant Implantable Prosthetic Joint With Preloaded Spring	Arramon, Yves	n/a	(Provisional, Expired)
12/358,726	23-Jan-2009	Compliant Implantable Prosthetic Joint With Preloaded Spring	Arramon, Yves	US 2010-0030335	4-Feb-2010 (Published, Pending)
PCT/US2009/036687	10-Mar-2009	Artificial Intervertebral Disc With Lower Height	de Villiers, Malan; Jansen, Neville; Arramon, Yves	WO 09/114546	17-Sep-2009 (Published, Abandoned)
61/069,048	11-Mar-2008	Artificial Intervertebral Disc With Lower Height	de Villiers, Malan; Jansen, Neville; Arramon, Yves	n/a	(Provisional, Expired)
12/400,221	09-Mar-2009	Artificial Intervertebral Disc With Lower Height	de Villiers, Malan; Jansen, Neville; Arramon, Yves	US 8,764,833	01-Jul-2014 (Patented)
14/285,411	22-May-2014	Artificial Intervertebral Disc With Lower Height	de Villiers, Malan; Jansen, Neville;	US 2014-0257493	11-Sep-2014 (Published, Pending)

		Height	Arramon, Yves		
PCT/US2009/ 042892	05-May- 2009	Polyaryletherketo ne Artificial Intervertebral Disc	Arramon, Yves; Jansen, Neville; de Villiers, Malan	WO 09/137514	12-Nov-2009 (Published, Expired)
61/050,455	05-May- 2008	Polyaryletherketo ne Artificial Intervertebral Disc	Arramon, Yves	n/a	(Provisional, Expired)
12/435,572	05-May- 2009	Polyaryletherketo ne Artificial Intervertebral Disc	Arramon, Yves; Jansen, Neville; de Villiers, Malan	US 2009- 0276051	05-Nov-2009 (Published, Pending)
12/857,806	17-Aug- 2010	Polyaryletherketo ne Artificial Intervertebral Disc	Arramon, Yves; Jansen, Neville; de Villiers, Malan	US 2010- 0312347	09-Dec-2010 (Published, Pending)
PCT/US2009/ 049619	02-Jul-2009	Limited Motion Prosthetic Intervertebral Disc	Arramon, Yves	WO 10/003119	07-Jan-2010 (Published, Abandoned)
61/077,806	02-Jul-2008	Limited Motion Prosthetic Intervertebral Disc	Arramon, Yves	n/a	(Provisional, Expired)
12/496,057	01-Jul-2009	Limited Motion Prosthetic Intervertebral Disc	Arramon, Yves	US 2010- 0004746	07-Jan-2010 (Published, Pending)
PCT/US2009/ 050572	14-Jul-2009	Artificial Intervertebral Disc Placement System	Jansen, Neville; de Villiers, Malan	WO 10/009151	21-Jan-2010 (Published, Expired)
61/081,441	17-Jul-2008	Artificial Intervertebral Disc Placement System	Jansen, Neville; de Villiers, Malan	n/a	(Provisional, Expired)
12/504,033	16-Jul-2009	Artificial Intervertebral Disc Placement System	Jansen, Neville; de Villiers, Malan	US 8,206,449	26-Jun-2012 (Patented)
13/476,845	21-May- 2012	Artificial Intervertebral Disc Placement System	Jansen, Neville; de Villiers, Malan	US 8,636,805	28-Jan-2014 (Patented)
61/082,012	18-Jul-2008	Polyaruletherketo ne Artificial Intervertebral	Arramon, Yves; Jansen, Neville; de Villiers,	n/a	(Provisional, Expired)

		Disc	Malan		
PCT/US2009/ 050575	14-Jul-2009	Posterior Prosthetic Intervertebral Disc	de Villiers, Malan; Jansen, Neville	WO 10/009153	21-Jan-2010 (Published, Expired)
61/081,952	18-Jul-2008	Posterior Prosthetic Intervertebral Disc	de Villiers, Malan; Jansen, Neville	n/a	(Provisional, Expired)
12/504,042	16-Jul-2009	Posterior Prosthetic Intervertebral Disc	de Villiers, Malan; Jansen, Neville	US 8,845,730	30-Sep-2014 (Patented)
14/467,274	25-Aug- 2014	Posterior Prosthetic Intervertebral Disc	de Villiers, Malan; Jansen, Neville	n/a	(Pending)
PCT/US2011/ 034173	27-Apr- 2011	Prosthetic Intervertebral Disc With Movable Core	de Villiers, Malan; Jansen, Neville	WO 11/137182	03-Nov-2011 (Published, Pending)
61/328,504	27-Apr- 2010	Prosthetic Intervertebral Disc With Movable Core	de Villiers, Malan; Jansen, Neville	n/a	(Provisional, Expired)
13/094,131	26-Apr- 2011	Prosthetic Intervertebral Disc With Movable Core	de Villiers, Malan; Jansen, Neville	US 2012- 0101579	26-Apr-2012 (Published, Pending)
PCT/US2012/ 059401	09-Oct- 2012	Anatomy Accommodating Prosthetic Intervertebral Disc With Lower Height	Arramon, Yves	WO 13/055705	18-Apr-2013 (Published, Pending)
61/546,848	13-Oct- 2011	Anatomy Accommodating Prosthetic Intervertebral Disc With Lower Height	Arramon, Yves	n/a	(Provisional, Expired)
13/647,933	09-Oct- 2012	Anatomy Accommodating Prosthetic Intervertebral Disc With Lower Height	Arramon, Yves	US 8,808,384	19-Aug-2014 (Patented)
14/339,280	23-Jul-2014	Anatomy	Arramon, Yves	US 2014-	13-Nov-2014



		Accomodating Prosthetic Intervertebral Disc With Lower Height		0336765	(Published, Pending)
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