

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM403363

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST

## CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Life Spine, Inc.		10/25/2016	Corporation: DELAWARE
Gizmo Medical, LLC		10/25/2016	Limited Liability Company: DELAWARE

## RECEIVING PARTY DATA

<b>Name:</b>	MB Financial Bank, N.A.
<b>Street Address:</b>	6111 North River Road
<b>City:</b>	Rosemont
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60018
<b>Entity Type:</b>	Chartered Bank: UNITED STATES

## PROPERTY NUMBERS Total: 52

Property Type	Number	Word Mark
Serial Number:	78524846	PILOT
Serial Number:	78524849	ARX
Serial Number:	78890013	PLATEAU
Serial Number:	77287166	DESIGNS FOR LIFE
Serial Number:	77358914	LYNX
Serial Number:	77799509	FS3
Serial Number:	77819690	AVATAR
Serial Number:	77836966	PRESIDIO
Serial Number:	76567608	KINETIC
Serial Number:	86212167	CELL-LINK
Serial Number:	86504149	CENTRIC MEDICAL
Serial Number:	86504536	TARSA-LINK
Serial Number:	86686615	OSSEO-LOC
Serial Number:	78524833	NEO
Serial Number:	78524841	CONQUEST
Serial Number:	78854668	PROLIFT
Serial Number:	78858783	GHOST
Serial Number:	76567609	LIFE SPINE

TRADEMARK

Property Type	Number	Word Mark
Serial Number:	77513261	DYNA-LINK
Serial Number:	77328921	SATURN
Serial Number:	77825844	CENTRIC
Serial Number:	77837069	SOLSTICE
Serial Number:	77879072	SOLSTICE
Serial Number:	85101673	OCTAVE
Serial Number:	85308068	PRO-LINK
Serial Number:	85318013	NAUTILUS
Serial Number:	85386322	AILERON
Serial Number:	85386366	VANQUISH
Serial Number:	85828063	LOGIC
Serial Number:	85833940	IRIS
Serial Number:	86169780	OSTEO-LINK
Serial Number:	86211917	AMNIO-LINK
Serial Number:	86281901	COMPEL
Serial Number:	86280885	META-LINK
Serial Number:	86695134	CENTERLINE
Serial Number:	86767329	LONGBOW
Serial Number:	86820472	GRUVE
Serial Number:	87000579	PULSE
Serial Number:	87008893	SENTRY
Serial Number:	87196162	EMPIRE
Serial Number:	87008852	CROSSBOW
Serial Number:	86632576	SIMPACT
Serial Number:	78345104	CONTOUR
Serial Number:	78889981	PINNACLE
Serial Number:	77513297	APEX
Serial Number:	77584343	FRONTIER
Serial Number:	77584370	GIZMO
Serial Number:	77799412	SENTINEL
Serial Number:	86211967	LONG BOW
Serial Number:	86280919	EXE-LINK
Serial Number:	86838820	E-LIF
Serial Number:	77771414	GIZMO MEDICAL

**CORRESPONDENCE DATA**

**Fax Number:**

*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.*

**TRADEMARK**

**REEL: 005908 FRAME: 0517**

**Email:** trademark@pedersenhoupt.com  
**Correspondent Name:** Brian Collins  
**Address Line 1:** 161 N. Clark Street, Suite 2700  
**Address Line 4:** Chicago, ILLINOIS 60601

**NAME OF SUBMITTER:** Brian Collins

**SIGNATURE:** /Brian Collins/

**DATE SIGNED:** 10/26/2016

**Total Attachments: 14**

source=Executed Intellectual Property and Sec Agmt - Life Spine 2016 - EDITED#page1.tif  
source=Executed Intellectual Property and Sec Agmt - Life Spine 2016 - EDITED#page2.tif  
source=Executed Intellectual Property and Sec Agmt - Life Spine 2016 - EDITED#page3.tif  
source=Executed Intellectual Property and Sec Agmt - Life Spine 2016 - EDITED#page4.tif  
source=Executed Intellectual Property and Sec Agmt - Life Spine 2016 - EDITED#page5.tif  
source=Executed Intellectual Property and Sec Agmt - Life Spine 2016 - EDITED#page6.tif  
source=Executed Intellectual Property and Sec Agmt - Life Spine 2016 - EDITED#page7.tif  
source=Executed Intellectual Property and Sec Agmt - Life Spine 2016 - EDITED#page8.tif  
source=Executed Intellectual Property and Sec Agmt - Life Spine 2016 - EDITED#page9.tif  
source=Executed Intellectual Property and Sec Agmt - Life Spine 2016 - EDITED#page10.tif  
source=Executed Intellectual Property and Sec Agmt - Life Spine 2016 - EDITED#page11.tif  
source=Executed Intellectual Property and Sec Agmt - Life Spine 2016 - EDITED#page12.tif  
source=Executed Intellectual Property and Sec Agmt - Life Spine 2016 - EDITED#page13.tif  
source=Executed Intellectual Property and Sec Agmt - Life Spine 2016 - EDITED#page14.tif

## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "Agreement") is made and entered into as of October 25, 2016, between LIFE SPINE, INC., a Delaware corporation ("Life Spine"), GIZMO MEDICAL, LLC, a Delaware limited liability company ("Gizmo" and together with Life Spine, each a Borrower and collectively, "Borrower"), each which has its chief executive office at 13951 South Quality Drive, Huntley, Illinois 60142, and MB FINANCIAL BANK, N.A., a national banking association, its successors and assigns ("Bank"), whose address is 6111 North River Road, Rosemont, Illinois 60018.

### W I T N E S S E T H:

WHEREAS, contemporaneously herewith, Bank is providing certain extensions of credit, loans and other financial accommodations (the "Financial Accommodations") pursuant to (i) that certain Loan and Security Agreement of even date herewith, by and among Borrower and Bank (as amended, restated, supplemented or otherwise modified from time to time, the "Loan Agreement"), providing for Bank to make available to Life Spine a revolving credit facility (collectively, the "Loans") on the terms and conditions set forth therein, and the Loan Documents (as defined in the Loan Agreement);

WHEREAS, pursuant to the Loan Agreement, Borrower granted to Bank a first position priority security interest and lien in and to all of Borrower's assets, including, without limitation, all patents, trademarks, trademark registrations, trade names, copyrights, all applications therefor and all other intellectual or proprietary rights or interests of any kind, nature or description whatsoever; and

WHEREAS, Bank is willing to provide the Financial Accommodations, provided, among other things, Borrower executes and delivers this Agreement to Bank.

NOW, THEREFORE, in consideration of the Financial Accommodations, the mutual promises and understandings of Borrower and Bank set forth herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Borrower covenants unto and agrees with Bank as follows:

1. **Incorporation of Loan Agreement.** The Loan Documents and the terms and provisions thereof are hereby incorporated herein in their entirety by this reference thereto. All terms in this Agreement, including the Exhibits, which have an initial capital letter where not required by the rules of grammar, and which are not otherwise defined herein, are used herein as defined in the Loan Agreement.

2. **Collateral Assignment of Intellectual Property.** To secure the full and timely payment and performance of the Obligations, Borrower hereby grants and conveys to Bank a first position priority security interest and lien in and to all of Borrower's right, title and interest in and to all of its now owned or existing and hereafter acquired or arising (collectively the "Intellectual Property Collateral"):

A. (i) trademarks, trademark registrations and applications therefor, including, without limitation, the trademarks, trademark registrations and applications listed on Exhibit "A", (ii) renewals thereof, (iii) all income, royalties, damages and payments now and hereafter due or payable under and with respect thereto, including, without limitation, damages and payments for past or future infringements thereof, (iv) the right to sue for past, present and future infringements thereof, and (v) all rights corresponding thereto throughout the world (collectively the "Trademarks");

B. (i) patents, patent registrations and applications therefor, including, without limitation, the inventions and improvements claimed in connection therewith, and the patents, patent registrations and the applications listed on Exhibit "B", (ii) renewals, reissues, divisions, continuations, extensions and continuations-in-part thereof, (iii) all income, royalties, damages and payments now or hereafter due or payable under or with

respect thereto, including, without limitation, damages and payments for past or future infringements thereof, (iv) the right to sue for past, present and future infringements thereof; and (v) all rights corresponding thereto throughout the world (collectively the "Patents");

C. (i) copyrights and applications for registration, including, without limitation, the copyrights and applications for registration listed on Exhibit "C", (ii) renewals thereof, (iii) all income, royalties, damages and payments now and hereafter due or payable under or with respect thereto, including, without limitation, damages and payments for past or future infringements thereof, (iv) the right to sue for past, present and future infringements thereof, and (v) all rights corresponding thereto throughout the world (collectively the "Copyrights");

D. license agreements for Trademarks, Patents and Copyrights, whether a Borrower is a licensor or licensee under any such license agreement, including, without limitation, the licenses listed on Exhibit "D", and the right to prepare for sale, sell and advertise for sale all "Inventory" as defined in the Loan Agreement now or hereafter owned by Borrower and now or hereafter covered by such licenses (collectively the "Licenses"); and

E. the goodwill of Borrower's business connected with and symbolized by the Trademarks.

This Agreement is made for collateral purposes only. Borrower acknowledges and agrees that upon the occurrence and continuance of an Event of Default, and upon written notice to Borrower, the Intellectual Property Collateral shall be immediately conveyed to Bank without any further action by any party, and Bank shall have the power to use and/or sell the Intellectual Property Collateral. Borrower covenants and agrees to execute and deliver to Bank all agreements, instruments, documents and other written matter that Bank may reasonably request, in form and substance acceptable to Bank, to perfect and maintain perfected Bank's security interest and lien in and to the Intellectual Property Collateral and to consummate the transactions contemplated by this Paragraph 2.

### 3. Restrictions on Future Agreements

A. Borrower agrees that until the Obligations shall have been indefeasibly paid and satisfied in full and the Loan Documents have been terminated, Borrower will not, without Bank's prior written consent, enter into any document, instrument or agreement which is inconsistent with Borrower's obligations under this Agreement. Borrower further agrees that they will not take any action, or permit any action to be taken by others subject to their control, including licensees, or fail to take any action, which would affect the validity or enforcement of the rights transferred to Bank under this Agreement.

B. Borrower hereby represents and warrants to Bank that Borrower has not granted any license to any Person other than Bank and St. Cloud (subject to the St. Cloud Subordination Agreement) in connection with any of the Intellectual Property Collateral. Borrower hereby covenants unto Bank that until the Liabilities shall have been indefeasibly paid and satisfied in full and the Loan Documents have been terminated, Borrower shall not grant any license to any third party in connection with the Intellectual Property Collateral without Bank's prior written consent.

4. New Trademarks, Patents, Copyrights and Licenses. Borrower represents and warrants that the Trademarks, Patents, Copyrights and Licenses listed on Exhibits "A", "B", "C" and "D" respectively constitute all of the trademarks, trademark registrations, patents, patent registrations, copyrights, applications therefor and licenses now owned by Borrower. If, prior to payment of the Obligations in full, Borrower shall (i) obtain rights to any new trademarks, trademark registrations, trademark applications, patents, patent registrations, patent applications, copyrights, application for copyright registration or licenses, or (ii) become entitled to the benefit of any trademark, trademark registration, trademark application, copyright, application for copyright registration or license renewal, the provisions of Paragraph 2 above shall automatically apply thereto and Borrower shall provide Bank with immediate notice thereof. Borrower hereby authorizes Bank to modify this Agreement by amending

Exhibits "A", "B", "C" and "D" to include any future trademarks, trademark registrations, trademark applications, patents, patent registrations, patent applications, copyrights, applications for copyright registration and licenses.

5. **Royalties; Terms.** Borrower hereby agrees that the use by Bank of all Intellectual Property Collateral after an Event of Default as described above shall be without any liability for royalties or other related charges from Bank to Borrower. The term of the assignments granted herein shall extend until the earlier of (i) the expiration of each of the respective Trademarks, Patents, Copyrights and Licenses assigned hereunder, or (ii) the payment to Bank of the Obligations in full and the termination of the Loan Documents.

6. **Bank's Right to Inspect.** Upon prior written notice, Bank shall have the right to inspect Borrower's premises and to examine Borrower's books, records and operations, including, without limitation, Borrower's quality control processes, during normal business hours. Upon an Event of Default, Borrower agrees that Bank shall have the right to establish such additional product quality controls as Bank, in its sole discretion, may deem necessary to assure maintenance of the quality of products sold by Borrower under the Trademarks, Patents, Copyrights or Licenses. Borrower agrees (i) not to sell or assign its interest in, or grant any licenses under, the Trademarks, Patents, Copyrights or Licenses; (ii) to maintain the quality of any and all products produced in connection with the Intellectual Property Collateral consistent with the quality of said products as of the date hereof; and (iii) not to adversely change or alter the quality of said products in any way without Bank's prior written consent.

7. **Nature and Termination of Bank's Security Interest.** This Agreement is made for collateral purposes only. Except as otherwise provided in Paragraphs 3, 6, 8 and 13 hereof, nothing contained herein shall be deemed to limit in any way Borrower's right to use the Trademarks, Patents, Copyrights or Licenses or to grant to Bank any right to use the Trademarks, Patents, Copyrights or Licenses prior to an Event of Default.

8. **Duties of Borrower.** Borrower shall have the duty (i) to prosecute diligently any trademark, patent and copyright registration pending as of the date hereof or at any time hereafter, until the Obligations shall have been paid in full, (ii) to make applications for trademarks, patents and copyrights, as appropriate, and (iii) to preserve and maintain all Intellectual Property Collateral. Any expenses incurred in connection with such applications shall be borne by Borrower. Borrower shall not abandon any material Intellectual Property Collateral, without the consent of Bank, except in the exercise of its reasonable business judgment.

9. **Bank's Right to Sue.** Upon an Event of Default, Bank shall have the right, but shall in no way be obligated, to bring suit in its own name or in the name of a Borrower to enforce the Trademarks, Patents, Copyrights and Licenses. If Bank shall commence any such suit, Borrower shall, at the request of Bank, do any and all acts and execute any and all instruments, documents and agreements required by Bank to enforce such Intellectual Property Collateral, and Borrower shall promptly, upon demand, reimburse and indemnify Bank for all reasonable costs and expenses incurred by Bank in the exercise of its rights and remedies under this Paragraph 9.

10. **Waivers.** Bank's failure at any time or times hereafter to require strict performance by Borrower of any provision of this Agreement shall not waive, affect or diminish any right of Bank thereafter to demand strict compliance and performance therewith. Any suspension or waiver by Bank of an Event of Default shall not suspend, waive or affect any other Event of Default, whether same is prior or subsequent thereto and whether of the same or a different type. None of the undertakings, agreements, warranties, covenants and representations of Borrower contained in this Agreement and no Event of Default by Borrower shall be deemed to have been suspended or waived by Bank unless such suspension or waiver is in writing signed by an officer of Bank and directed to Borrower specifying such suspension or waiver.

11. **Severability.** The provisions of this Agreement are severable, and if any clause or provision shall be held invalid and unenforceable in whole or in part in any jurisdiction, then such invalidity or unenforceability shall affect only such clause or provision, or part thereof, in such jurisdiction, and shall not in any manner affect

such clause or provision in any other jurisdiction, or any other clause or provision of this Agreement in any jurisdiction.

12. **Modification.** This Agreement cannot be altered, amended or modified in any way, except as specifically provided in Paragraph 4 hereof or by a writing signed by the parties hereto.

13. **Cumulative Remedies; Power of Attorney; Effect on Loan Agreement.** All of Bank's rights and remedies with respect to the Intellectual Property Collateral, whether established hereby, by the Loan Documents, by any other agreements or by law shall be cumulative and may be exercised singularly or concurrently. Borrower hereby authorizes Bank to make, constitute and appoint any officer or agent of Bank as Bank may select, in its sole discretion, as Borrower's true and lawful attorney-in-fact, with power, upon an Event of Default and commencement by Bank of any of its rights and remedies whatsoever, whether pursuant to this Agreement, the Loan Documents, at law, in equity or otherwise, to (a) endorse Borrower's name on all applications, documents, papers and instruments necessary or desirable for Bank in connection with selling the Intellectual Property Collateral, (b) take any other actions with respect to the Intellectual Property Collateral as Bank decides in its sole and absolute discretion, (c) assign, pledge, sell, convey or otherwise transfer title in or dispose of the Intellectual Property Collateral to any person or entity as Bank may determine in its discretion, and (d) grant or issue any non-exclusive license under the Intellectual Property Collateral, to any person or entity. Borrower agrees to indemnify Bank for any infringement claims or other similar claims filed or asserted against Bank from the use of any of the Intellectual Property Collateral. Borrower hereby ratifies all that such attorney shall lawfully do or cause to be done by virtue hereof. This power of attorney shall be irrevocable until the Obligations shall have been paid in full and all financing arrangements between Borrower and Bank have been terminated. Borrower acknowledges and agrees that this Agreement is not intended to limit or restrict in any way the rights and remedies of Bank under the Loan Documents, at law or in equity, but rather is in addition to and intended to facilitate the exercise of such rights and remedies.

14. **Binding Effect; Benefits.** This Agreement shall be binding upon Borrower and its successors and assigns, and shall inure to the benefit of Bank, its nominees, successors and assigns.

15. **Notice.** Any and all notices, exercises, demands, requests, consents, designations, waivers and other communications required or desired hereunder shall be delivered to the parties hereto at their addresses set forth in the Loan Agreement and shall be effective as set forth in the Loan Agreement.

16. **Governing Law.** This Agreement shall be deemed to have been executed and delivered in Chicago, Illinois, and shall be governed by and construed in accordance with the internal laws (as opposed to conflicts of law provisions) of the State of Illinois.

[Signature page follows]

IN WITNESS WHEREOF, the parties have executed this Intellectual Property Security Agreement as of the date first set forth above.

LIFE SPINE, INC., a Delaware corporation

By: \_\_\_\_\_  
Name: Michael S. Butler  
Its: President

GIZMO MEDICAL, LLC, a Delaware  
limited liability company

By: \_\_\_\_\_  
Name: Michael S. Butler  
Its: Sole Member and Manager

Agreed and accepted:

MB FINANCIAL BANK, N.A., a national  
banking association

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Its: \_\_\_\_\_



IN WITNESS WHEREOF, the parties have executed this Intellectual Property Security Agreement as of the date first set forth above.

LIFE SPINE, INC., a Delaware corporation

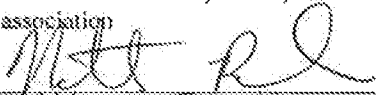
By: \_\_\_\_\_  
Name: Michael S. Butler  
Its: President

GIZMO MEDICAL, LLC, a Delaware  
limited liability company

By: \_\_\_\_\_  
Name: Michael S. Butler  
Its: Sole Member and Manager

Agreed and accepted:

MB FINANCIAL BANK, N.A., a national  
banking association

By:   
Name: Nathan Branski  
Its: Senior Vice President

Signature Page - Intellectual Property Security Agreement

**TRADEMARK**  
**REEL: 005908 FRAME: 0524**

SCHEDULE A  
TO  
INTELLECTUAL PROPERTY SECURITY AGREEMENT  
Trademarks and Trademark Registrations

[See attached]

**Schedule A**  
**Trademarks and Trademark Registrations**

<b>Name</b>	<b>Status</b>	<b>Serial No.</b>	<b>Reg No.</b>	<b>Registration/Abandonment Date</b>
Pilot	Registered	78524846	3,103,274	6/13/2006
Arx	Registered	78524849	3,108,813	6/27/2006
Plateau	Registered	78890013	3,249,289	6/05/2007
Designs For Life	Registered	77287166	3,558,579	1/06/2009
Lynx	Registered	77358914	3,484,134	8/12/2008
FS <sup>3</sup>	Registered	77799509	3,813,205	7/06/2010
Avatar	Registered	77819690	3,809,692	6/29/2010
Presidio	Registered	77836966	3,809,812	6/29/2010
Kinetic	Registered	76567608	2,985,956	8/16/2005
Cell-Link	Registered	86212167	4,956,394	5/10/2016
Centric Medical	Registered	86504149	5,041,952	9/13/2016
Tarsa-Link	Registered	86504536	4,956,908	5/10/2016
Osseo-Loc	Registered	86686615	5,023,889	8/16/2016
Neo	Registered	78524833	3,436,039	5/27/2008
Conquest	Registered	78524841	3,319,682	10/23/2007
Prolift	Registered	78854668	3,302,056	10/2/2007
Ghost	Registered	78858783	3,208,556	2/13/2007
Life Spine	Registered	76567609	3,159,396	10/17/2006
Dyna-Link	Registered	77513261	3,674,186	8/25/2009
Saturn	Registered	77328921	3,648,289	6/30/2009
Gizmo Medical	Registered	77771414	3,935,068	3/22/2011
Centric	Registered	77825844	3,955,440	5/3/2011
Solstice	Registered	77837069	3,809,813	6/29/2010
Solstice	Registered	77879072	3,852,646	9/28/2010
Octave	Registered	85101673	4,027,005	9/13/2011
Pro-Link	Registered	85308068	4,144,136	5/15/2012
Nautilus	Registered	85318013	4,218,839	10/2/2012
Aileron	Registered	85386322	4,219,137	10/2/2012
Vanquish	Registered	85386366	4,444,268	12/3/2013
Logic	Registered	85828063	4,512,131	4/8/2014
Iris	Registered	85833940	4,452,555	12/17/2013
Osteo-Link	Registered	86169780	4,642,572	11/18/2014
Amnio-Link	Registered	86211917	4,956,393	5/10/2016
Compel	Registered	86281901	4,905,739	2/23/2016
Meta-Link	Registered	86280885	4,701,435	3/10/2015
Centerline	Pending Registration	86695134	-	-
Longbow	Pending Registration	86767329	-	-
Gruve	Pending Registration	86820472	-	-
PULSE	Pending Registration	87000579	-	-
Sentry	Pending Registration	87008893	-	-
Empire	Pending Registration	87196162	-	-
CrossBow	Pending Registration	87008852	-	-
Simpact	Appeal	86632576	-	-
Contour	Abandoned	78345104	-	2/10/2015
Pinnacle	Abandoned	78889981	-	7/13/2006
Apex	Abandoned	77513297	-	11/6/2008
Frontier	Abandoned	77584343	-	7/6/2009
Gizmo	Abandoned	77584370	-	6/30/2009
Sentinel	Abandoned	77799412	-	11/19/2009
Long Bow	Abandoned	86211967	-	3/14/2016
Exe-Link	Abandoned	86280919	-	9/10/2014
e-LIF	Abandoned	86838820	-	7/22/2016

CONFIDENTIAL

**TRADEMARK**  
**REEL: 005908 FRAME: 0526**

SCHEDULE B  
TO  
INTELLECTUAL PROPERTY SECURITY AGREEMENT

Patents and Patent Registrations

[See attached]

**Schedule B**  
**Patents and Patent Registrations**

No.	Country	Matter Title	Patent Number	Registration Date
1	Australia	PEDICLE SCREW CONSTRUCTS FOR SPINE FIXATION SYSTEMS	2005206822	9/16/2010
2	Australia	DYNAMIC CERVICAL PLATES AND CERVICAL PLATE CONSTRUCTS	2004308422	10/14/2010
3	China	SPINAL PLATE SYSTEM	ZL201330544689.0	5/7/2014
4	China	Spinal plate system for attachment to vertebrae by bone screws	ZL201330634152.3	8/13/2014
5	China	Vertebral screw and spinal rod connector	ZL201330634333.6	7/23/2014
6	China	VERTEBRAL SCREW AND SPINAL ROD CONNECTOR	ZL201330637141.0	7/23/2014
7	China	SPINAL IMPLANT (FUSION SYSTEM)	ZL201330544682.9	5/7/2014
8	China	Cannulated pedicle screw and spinal rod guide	ZL201330637072.3	7/23/2014
9	China	Cervical spacer	ZL201330637721.X	7/23/2014
10	China	Cervical spacer	ZL201330637552.X	7/23/2014
11	China	Expandable spinal retractor system	ZL201330637459.9	9/10/2014
12	China	Spinal plate system for attachment to vertebrae by bone screws	ZL201330634291.6	7/23/2014
13	China	Expandable cervical spacer	ZL201330637327.6	7/23/2014
14	China	Spinal plate system for attachment to vertebrae by bone screws	ZL201330638036.9	7/23/2014
15	China	SPINAL IMPLANT (EXPANDABLE FUSION SYSTEM)	ZL201330544793.X	5/7/2014
16	China	Cervical spacer	ZL201330637399.0	8/13/2014
17	China	Occipito-cervico-thoracic spinal fixation system	ZL201330634290.1	9/3/2014
18	China	Locking plate for spinal implant or spacer	ZL201330637233.9	7/23/2014
19	China	EXPANDABLE SPINAL RETRACTOR SYSTEM	ZL201330637782.6	9/3/2014
20	China	EXPANDABLE SPINAL INTERBODY DEVICE	ZL201530049493.3	8/12/2015
21	European Patent Office	SPINE PLATE WITH CONFIGURED BONE SCREW BORES	2124788	2/10/2016
22	European Patent Office	SPINE PLATE WITH CONFIGURED BONE SCREW RELIEF AREA	2124789	5/18/2016
23	European Patent Office	DYNAMIC CERVICAL PLATES AND CERVICAL PLATE CONSTRUCTS	1711113	8/17/2011
24	European Patent Office	CRANIOSPINAL FUSION METHOD AND APPARATUS	2330991	9/2/2015
25	France	DYNAMIC CERVICAL PLATES AND CERVICAL PLATE CONSTRUCTS	1711113	8/17/2011
26	Germany	DYNAMIC CERVICAL PLATES AND CERVICAL PLATE CONSTRUCTS	1711113	8/17/2011
27	Germany	CRANIOSPINAL FUSION METHOD AND APPARATUS		
28	Germany	SPINE PLATE WITH CONFIGURED BONE SCREW BORES		
29	Japan	PEDICLE SCREW CONSTRUCTS FOR SPINE FIXATION SYSTEMS	4621691	11/5/2010
30	Japan	MOVABLE CERVICAL PLATE AND CERVICAL PLATE CONSTRUCT	5039822	7/13/2012
31	United Kingdom	DYNAMIC CERVICAL PLATES AND CERVICAL PLATE CONSTRUCTS	1711113	8/17/2011
32	United Kingdom	CRANIOSPINAL FUSION METHOD AND APPARATUS		
33	United Kingdom	SPINE PLATE WITH CONFIGURED BONE SCREW BORES		
34	United States of America	DYNAMIC CERVICAL PLATES AND CERVICAL PLATE CONSTRUCTS	7318825	1/15/2008
35	United States of America	PEDICLE SCREW CONSTRUCTS FOR SPINE FIXATION SYSTEMS	7678137	3/16/2010
36	United States of America	PEDICLE SCREW CONSTRUCTS FOR SPINE FIXATION SYSTEMS	8092494	1/10/2012
37	United States of America	SPINAL FIXATION SYSTEM	7938848	5/10/2011

38	United States of America	SPINAL FIXATION SYSTEM	8021398	9/20/2011
39	United States of America	SPINAL FIXATION SYSTEM	7744635	6/29/2010
40	United States of America	STATIC AND DYNAMIC CERVICAL PLATES AND CERVICAL PLATE CONSTRUCTS	8182518	5/22/2012
41	United States of America	EXPANDABLE SPINAL DEVICES AND METHOD OF INSERTION	7731751	6/8/2010
42	United States of America	STENOTIC DEVICE	8021394	9/20/2011
43	United States of America	DYNAMIC SPINAL STABILIZATION DEVICES AND SYSTEMS	8221467	7/17/2012
44	United States of America	PEDICLE SCREW CONSTRUCT AND SPINE ROD ATTACHMENT ASSEMBLIES	8663287	3/4/2014
45	United States of America	STRUCTURE FOR JOINING AND RETAINING MULTI-PART ORTHOPEDIC IMPLANTS	7951151	5/31/2011
46	United States of America	EXPANDABLE SPINAL INTERBODY AND INTRAVERTEBRAL BODY DEVICES	8512407	8/20/2013
47	United States of America	FOLDABLE ORTHOPEDIC IMPLANT	8268001	9/18/2012
48	United States of America	SPINAL FIXATION SYSTEM	8617209	12/31/2013
49	United States of America	ONE STEP ENTRY PEDICULAR PREPARATION DEVICE AND DISC ACCESS SYSTEM	8236006	8/7/2012
50	United States of America	PEDICLE DART SYSTEM	8075579	12/13/2011
51	United States of America	SPINAL ROD GUIDE FOR A VERTEBRAL SCREW SPINAL ROD CONNECTOR ASSEMBLY	9095386	8/4/2015
52	United States of America	CERVICAL AND LUMBAR SPINAL INTERBODY DEVICES	8597359	12/3/2013
53	United States of America	HINGED SPINAL FUSION CAGES	8486148	7/16/2013
54	United States of America	ADJUSTABLE SPINE DISTRACTION IMPLANT	8231656	7/31/2012
55	United States of America	PROSTHETIC SPINOUS PROCESS AND METHOD	8597331	12/3/2013
56	United States of America	SPINAL DISC PROSTHESES	8623090	1/7/2014
57	United States of America	SYSTEMS AND METHODS FOR SPINAL ROD INSERTION AND REDUCTION	8764754	7/1/2014
58	United States of America	RESILIENT SPINAL ROD SYSTEM WITH CONTROLLABLE ANGULATION	8172879	5/8/2012
59	United States of America	MULTI-AXIAL SPINAL CROSS-CONNECTORS	8721689	5/13/2014
60	United States of America	RADIALLY EXPANDABLE SPINAL INTERBODY DEVICE AND IMPLANTATION TOOL	8241358	8/14/2012
61	United States of America	SPINE PLATE WITH BONE SCREW RELIEF AREA	8968369	3/3/2015
62	United States of America	SPINE PLATE WITH CONFIGURED BONE SCREW BORES	8636779	1/28/2014
63	United States of America	EXPANDABLE SPINAL SPACER	8177813	5/15/2012
64	United States of America	SPINAL CROSS-CONNECTOR	8241334	8/14/2012
65	United States of America	ADJUSTABLE SPINE DISTRACTION IMPLANT	9301788	4/5/2016
66	United States of America	SPINAL CROSS-CONNECTOR WITH SPINAL EXTENSOR MUSCLE CURVATURE	8080037	12/20/2011
67	United States of America	HEIGHT ADJUSTABLE SPINAL PROSTHESES	9237954	1/19/2016
68	United States of America	SPINAL ROD CONNECTOR ASSEMBLY FOR A VERTEBRAL BONE SCREW	8221473	7/17/2012
69	United States of America	FLEXIBLE AND STATIC INTERSPINOUS/INTER-LAMINAR SPINAL SPACERS	8236031	8/7/2012
70	United States of America	SELF-CONTAINED ASSEMBLY FOR INSTALLATION OF ORTHOPEDIC IMPLANT COMPONENTS ONTO AN ORTHOPEDIC IMPLANT	8100909	1/24/2012
71	United States of America	POSTERIOR SPINAL PROSTHESIS	8663295	3/4/2014
72	United States of America	SPINAL ROD	8979905	3/17/2015
73	United States of America	SINGLE-SIDED DYNAMIC SPINE PLATES	8348949	1/8/2013
74	United States of America	SUPPLEMENTARY SPINAL FIXATION/STABILIZATION APPARATUS WITH DYNAMIC INTER-VERTEBRAL CONNECTION	9351767	5/31/2016
75	United States of America	POSTERIOR CERVICAL CROSS CONNECTOR ASSEMBLIES	8246665	8/21/2012
76	United States of America	POSTERIOR SPINAL BRIDGE ASSEMBLY PROVIDING STATIC OR DYNAMIC N-LEVEL SPINAL BRIDGE INTERCONNECTION	8177814	5/15/2012

77	United States of America	SPINAL FACET FASTENER	8715321	5/6/2014
78	United States of America	INSTRUMENTS FOR INSTALLING MULTI-SECTION INTERVERTEBRAL SPINAL IMPLANTS	8475461	7/2/2013
79	United States of America	COMBINED SPINAL INTERBODY AND PLATE ASSEMBLIES	8343223	1/1/2013
80	United States of America	SPINAL CLIPS FOR INTERSPINOUS DECOMPRESSION	9072549	7/7/2015
81	United States of America	LAMINOPLASTY ROD SYSTEM	9138264	9/22/2015
82	United States of America	SPINOUS PROCESS SPACER	8998954	4/7/2015
83	United States of America	FLEXIBLE AND STATIC INTERSPINOUS/INTER-LAMINAR SPINAL SPACERS	8728123	5/20/2014
84	United States of America	SPINAL INTERBODY DISTRACTOR	D737446	8/25/2015
85	United States of America	ADJUSTABLE SPINE DISTRACTION IMPLANT	9381050	7/5/2016
86	United States of America	SPINAL IMPLANTS FOR LUMBAR VERTIBRA TO SACRUM FIXATION	8636771	1/28/2014
87	United States of America	SPINAL IMPLANT FOR LUMBAR VERTEBRA TO SACRUM FIXATION	8721687	5/13/2014
88	United States of America	EXPANDABLE SPINAL INTERBODY AND INTRAVERTEBRAL BODY DEVICES	8940048	1/27/2015
89	United States of America	COMBINED SPINAL INTERBODY AND PLATE ASSEMBLIES	8961607	2/24/2015
90	United States of America	RADIALLY EXPANDABLE SPINAL INTERBODY DEVICE AND IMPLANTATION TOOL	9138328	9/22/2015
91	United States of America	EXPANDABLE SPINAL INTERBODY AND INTRAVERTEBRAL BODY DEVICES	9034041	5/19/2015
92	United States of America	SPINAL INTERBODY DEVICE	D724212	3/10/2015
93	United States of America	SPINAL ROD CONNECTOR ASSEMBLY	9005249	4/14/2015
94	United States of America	POSTERIOR CROSS CONNECTOR ASSEMBLY	9131963	9/15/2015
95	United States of America	SYSTEMS AND METHODS FOR SPINAL ROD INSERTION AND REDUCTION	9125694	9/8/2015
96	United States of America	Spinal Interbody Implant With Bone Screw Retention	9017412	4/28/2015
97	United States of America	SPINAL FIXATION SYSTEM	9168151	10/27/2015
98	United States of America	POSTERIOR SPINAL PROSTHESIS	9149303	10/6/2015
99	United States of America	SPINAL INTERBODY DEVICE	D753305	4/5/2016
100	United States of America	SPINAL ROD CONNECTOR	D746461	12/29/2015
101	United States of America	CRANIOSPINAL FUSION METHOD AND APPARATUS	9107717	8/18/2015
102	United States of America	METHOD FOR TREATING A NEUROLOGICAL DISORDER	8858470	10/14/2014
103	United States of America	CRANIOSPINAL FUSION METHOD AND APPARATUS	8083743	12/27/2011
104	United States of America	VERTEBRA ATTACHMENT METHOD AND SYSTEM	8403965	3/26/2013
105	United States of America	CRANIOSPINAL FUSION METHOD AND APPARATUS	8043342	10/25/2011
106	United States of America	CRANIOSPINAL FUSION METHOD AND APPARATUS	8182511	5/22/2012
107	United States of America	OSTEOINTEGRATION APPARATUS	8187302	5/29/2012
108	United States of America	EXPANDABLE CORPECTOMY CAGE	9283086	3/15/2016
109	United States of America	Directional Sequential Dilatation System with Neuro Monitoring	9456846	10/4/2016
110	United States of America	VERTICALLY ADJUSTABLE INTERVERTEBRAL DISC PROSTHESIS	7255714	8/14/2007
111	United States of America	INTERVERTEBRAL DISC PROSTHESIS	7402176	7/22/2008
112	United States of America	PROSTHETIC VERTEBRAL ASSEMBLY	8097038	1/17/2012
113	United States of America	SPINAL STABILIZATION SYSTEMS	7862586	1/4/2011
114	United States of America	SPINAL TENSION BAND	8617214	12/31/2013
115	United States of America	INTERLAMINAR HOOK	7935133	5/3/2011

SCHEDULE C  
TO  
INTELLECTUAL PROPERTY SECURITY AGREEMENT

Copyrights and Copyright Applications

None.



SCHEDULE D  
TO  
INTELLECTUAL PROPERTY SECURITY AGREEMENT

License Agreements

None.