

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4119442

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
BMO HARRIS BANK N.A.	10/28/2016

RECEIVING PARTY DATA

Name:	LIFE SPINE, INC.
Street Address:	13951 SOUTH QUALITY DRIVE
City:	HUNTLEY
State/Country:	ILLINOIS
Postal Code:	60142

PROPERTY NUMBERS Total: 127

Property Type	Number
Patent Number:	7255714
Patent Number:	7318825
Patent Number:	7402176
Patent Number:	7678137
Patent Number:	7731751
Patent Number:	7744635
Patent Number:	7862586
Patent Number:	7935133
Patent Number:	7938848
Patent Number:	7951151
Patent Number:	8021398
Patent Number:	8021394
Patent Number:	8043342
Patent Number:	8075579
Patent Number:	8080037
Patent Number:	8083743
Patent Number:	8092494
Patent Number:	8097038
Patent Number:	8100909
Patent Number:	8172879

PATENT

Property Type	Number
Patent Number:	8177813
Patent Number:	8177814
Patent Number:	8182518
Patent Number:	8182511
Patent Number:	8187302
Patent Number:	8221467
Patent Number:	8221473
Patent Number:	8231656
Patent Number:	8236006
Patent Number:	8236031
Patent Number:	8241358
Patent Number:	8241334
Patent Number:	8246665
Patent Number:	8268001
Patent Number:	8343223
Patent Number:	8348949
Patent Number:	8403965
Patent Number:	8475461
Patent Number:	8486148
Patent Number:	8512407
Patent Number:	8597331
Patent Number:	8597359
Patent Number:	8617214
Patent Number:	8617209
Patent Number:	8623090
Patent Number:	8636779
Patent Number:	8636771
Patent Number:	8663287
Patent Number:	8663295
Patent Number:	8715321
Patent Number:	8721689
Patent Number:	8721687
Patent Number:	8728123
Patent Number:	8764754
Patent Number:	8858470
Patent Number:	9107717
Patent Number:	D746461
Patent Number:	9283086

Property Type	Number
Application Number:	12070683
Application Number:	12072357
Application Number:	12079670
Application Number:	12408684
Application Number:	12417379
Application Number:	12487794
Application Number:	12556898
Application Number:	12730940
Application Number:	12848581
Application Number:	12917666
Application Number:	13161916
Application Number:	13163229
Application Number:	13247664
Application Number:	13414076
Application Number:	13459137
Application Number:	29422601
Application Number:	13495463
Application Number:	13546588
Application Number:	13562037
Application Number:	13585521
Application Number:	13593862
Application Number:	13614823
Application Number:	13615273
Application Number:	13720800
Application Number:	13802110
Application Number:	29448796
Application Number:	13888269
Application Number:	29475313
Application Number:	14135238
Application Number:	14137040
Application Number:	61927095
Application Number:	14157238
Application Number:	61936644
Application Number:	61938849
Application Number:	14275326
Application Number:	14281619
Application Number:	14596849
Application Number:	14606549

Property Type	Number
Application Number:	14616239
Application Number:	14619920
Application Number:	29521642
Application Number:	62142529
Application Number:	14686138
Application Number:	14714821
Application Number:	14742633
Application Number:	62196588
Application Number:	14815044
Application Number:	14819761
Application Number:	14821015
Application Number:	14829122
Application Number:	62213364
Application Number:	62214612
Application Number:	62214883
Application Number:	62214954
Application Number:	14874073
Application Number:	62254949
Application Number:	62259938
Application Number:	62261053
Application Number:	14991270
Application Number:	62290027
Application Number:	15045781
Application Number:	62298157
Application Number:	62298951
Application Number:	62298534
Application Number:	62300876
Application Number:	15081676
Application Number:	62314455
Application Number:	62013218
Application Number:	15090257

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PATENT

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ATTORNEY DOCKET NUMBER:	102889-000032
NAME OF SUBMITTER:	MARY ALICE FLAVIN
SIGNATURE:	/Mary Alice Flavin/
DATE SIGNED:	10/28/2016

Total Attachments: 7

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RELEASE OF SECURITY INTEREST IN PATENTS

THIS RELEASE OF SECURITY INTEREST IN PATENTS (this "Release") is made as of the 28th day of October, 2016, by BMO Harris Bank N.A., a national banking association ("Lender"), in favor of Life Spine, Inc., a Delaware corporation ("Borrower").

WITNESSETH:

WHEREAS, pursuant to that certain General Security Agreement dated as of June 26, 2014 between Lender and Borrower, Borrower executed and delivered that certain Short Form Patent Security Agreement dated as of June 26, 2014, and that certain Supplemental Short Form Patent Security Agreement dated as of July 31, 2016, each in favor of Lender (collectively, the "Patent Agreement"), pursuant to which Borrower granted a security interest in certain of its patents and patent applications to Lender to secure certain debt owing from Borrower, including without limitation obligations of Borrower under that certain Credit Agreement dated as of June 26, 2014 (as heretofore amended, restated, modified or supplemented, and as the same may be further amended, restated, modified or supplemented and in effect from time to time, the "Credit Agreement"); and

WHEREAS, Borrower has requested that Lender release and reassign its liens and interests in all patents, patent applications and patent licenses of Borrower, including without limitation those identified in Schedule A annexed hereto and made a part hereof.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Lender hereby releases and terminates its security interests in all patents, patent applications and patent licenses, including without limitation those more particularly described in Schedule A attached hereto and made a part hereof (collectively, the "Released Patents"), and reassigns to Borrower all right, title and interest of Lender in and to the Released Patents.

[Signature Page Follows]

IN WITNESS WHEREOF, Lender has caused this Release to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

BMO HARRIS BANK N.A., a national banking association

By: [Signature]
Name: Dan Lundberg
Title: Vice President

STATE OF ILLINOIS)
)SS.
COUNTY OF COOK)

The undersigned, a Notary Public in and for said County, in the State aforesaid, does hereby certify that Dan Lundberg, a Vice President of BMO Harris Bank N.A., a national banking association, personally known to me to be the person whose name is subscribed the foregoing instrument, appeared before me this day in person and acknowledged that as such Vice President, he/she signed and delivered the foregoing instrument, as his/her free and voluntary act, and as the free and voluntary act and deed of said national association, for the uses and purposes therein set forth.

Given under my hand and notarial seal as of this 28th day of October, 2016.

[Signature]
Notary Public
My Commission Expires: 3/2/20



SCHEDULE A

Released Patents and Patent Applications

PENDING PATENT APPLICATION: Title	Country	Application No.	App. Date
Spinal Fixation System	European Patent Office	5757401.40	6/9/2005
Expandable Spinal Interbody And Intravertebral Body Devices	European Patent Office	6740268.50	3/31/2006
Modular Spine Plate With Projection And Socket Interface	USA	12/070683	2/20/2008
Spine Plate With Bone Screw Relief Area	USA	12/072357	2/26/2008
Spine Plate With Bone Screw Relief Area	European Patent Office	8726069.10	2/26/2008
Spine Plate With Configured Bone Screw Bores	European Patent Office	8726065.90	2/26/2008
Height Adjustable Spinal Prostheses	USA	12/079670	3/29/2008
Spinal Rod Guide For A Vertebral Screw Spinal Rod Connector Assembly	USA	12/408684	3/21/2009
Top Loading Polyaxial Spine Screw Assembly With One Lockup	USA	12/417379	4/2/2009
Spinal Rod Connectors Configured To Retain Spinal Rods Of Varying Diameters	USA	12/487794	6/19/2009
Spinal Rod	USA	12/556898	9/10/2009
Supplementary Spinal Fixation/Stabilization Apparatus With Dynamic Inter-Vertebral Connection	USA	12/730940	3/24/2010
Spinous Process Spacer	USA	12/848581	8/2/2010
Laminoplasty Rod System	USA	12/917666	11/2/2010
Spinal Clips For Interspinous Decompression	USA	13/161916	6/16/2011
Spinal Facet Bone Screw System	USA	13/163229	6/17/2011
Adjustable Spine Distraction Implant	USA	13/247664	9/28/2011
Posterior Cross Connector Assembly	USA	13/414076	3/7/2012
Spinal Interbody Implant With Bone Screw Retention	USA	13/459137	4/28/2012
Spinal Interbody Distractor	USA	29/422601	5/22/2012
Taper Lock For A Polyaxial Spinal Rod Screw Assembly	USA	13/495463	6/13/2012
Spinal Rod Connector Assembly	USA	13/546588	7/11/2012
Adjustable Spine Distraction Implant	USA	13/562037	7/30/2012
Adjustable Spine Distraction Implant	USA	13/562037	7/30/2012
Radially Expandable Spinal Interbody Device And Implantation Tool	USA	13/585521	8/14/2012
Bone Screw Retention In A Spinal Implant	USA	13/593862	8/24/2012
Combined Spinal Interbody And Plate Assemblies	USA	13/614823	9/13/2012
Expandable Spinal Interbody And Intravertebral Body Devices	USA	13/615273	9/13/2012
Adjustable Spine Distraction Implant	South Korea	10-2014-7011078	9/26/2012
Adjustable Spine Distraction Implant	European Patent Office	12836814.90	9/26/2012
Three-Blade Spinal Retractor	USA	13/720800	12/19/2012
Expandable Spinal Interbody And Intravertebral Body Devices	USA	13/802110	3/13/2013
Spinal Interbody Device	USA	29/448796	3/13/2013

Schedule A to Release of Security Interest in Patents

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PATENT
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PENDING PATENT APPLICATION: Title	Country	Application No.	App. Date
Systems And Methods For Spinal Rod Insertion And Reduction	USA	13/888269	5/6/2013
Spinal Implant (Cervical Plate System)	China P.R.	201330544689.00	11/14/2013
Spinal Implant (Expandable Fusion System)	China P.R.	201330544793.X	11/14/2013
Spinal Interbody Device	USA	29/475313	12/2/2013
Directional Sequential Dilatation System With Neuro Monitoring	USA	14/135238	12/19/2013
Occipito-Cervico-Thoracic Spinal Fixation System	China P.R.	201330634290.10	12/19/2013
Spinal Plate System For Attachment To Vertebrae By Bone Screws	China P.R.	201330634152.30	12/19/2013
Spinal Plate System For Attachment To Vertebrae By Bone Screws	China P.R.	201330634291.60	12/19/2013
Vertebral Screw And Spinal Rod Connector	China P.R.	201330634333.60	12/19/2013
Cannulated Pedicle Screw And Spinal Rod Guide	China P.R.	201330637072.30	12/20/2013
Cervical Spacer	China P.R.	201330637721.X	12/20/2013
Cervical Spacer	China P.R.	201330637552.X	12/20/2013
Cervical Spacer	China P.R.	201330637399.00	12/20/2013
Expandable Cervical Spacer	China P.R.	201330637327.60	12/20/2013
Expandable Spinal Retractor System	China P.R.	201330637459.90	12/20/2013
Expandable Spinal Retractor System	China P.R.	201330637782.60	12/20/2013
Locking Plate For Spinal Implant Or Spacer	China P.R.	201330637233.90	12/20/2013
Spinal Fixation System	USA	14/137040	12/20/2013
Spinal Plate System For Attachment To Vertebrae By Bone Screws	China P.R.	201330638036.90	12/20/2013
Vertebral Screw And Spinal Rod Connector	China P.R.	201330637141.00	12/20/2013
Posterior Cervical Hook	USA	61/927095	1/14/2014
Posterior Spinal Prosthesis	USA	14/157238	1/16/2014
Foot Bone Wedge	USA	61/936644	2/6/2014
Foot Bone Plate	USA	61/938849	2/12/2014
Expandable Cage Assembly	European Patent Office	14159101.60	3/12/2014
Systems And Methods For Spinal Rod Insertion And Reduction	European Patent Office	14167071.10	5/5/2014
Modular Telescoping Instrument	USA	14/275326	5/12/2014
Flexible And Static Interspinous/Inter-Laminar Spinal Spacers	USA	14/281619	5/19/2014
Implant For Immobilizing Cervical Vertebrae	USA	14/596849	1/14/2015
System And Method For Reducing And Stabilizing A Bone Fracture	USA	14/606549	1/27/2015
Foot Implant For Bone Fixation	USA	14/616239	2/6/2015
Foot Bone Plate Providing Fixation And Compression	USA	14/619920	2/11/2015
Screw Retention For Interbody Implant	USA	29/521642	3/25/2015
Sacroiliac Compression Screw	USA	62/142529	4/3/2015
Spinal Interbody Implant With Bone Screw Retention	USA	14/686138	4/14/2015
Expandable Spinal Interbody And Intravertebral Body Devices	USA	14/714821	5/18/2015

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PENDING PATENT APPLICATION: Title	Country	Application No.	App. Date
Compression Screw Systems For Compressing Bones Of The Extremities	USA	14/742633	6/17/2015
Arthroplasty Implants	USA	62/196588	7/27/2015
Craniospinal Fusion Method And Apparatus	USA	14/815044	7/31/2015
Implant For Bone Fixation	USA	14/819761	8/6/2015
Systems And Methods For Spinal Rod Insertion And Reduction	USA	14/821015	8/7/2015
Radially Expandable Spinal Interbody Device And Implantation Tool	USA	14/829122	8/18/2015
Medical Instrument Set And Method For Use For Treating Bony Aberrations Of The Calcaneus	USA	62/213364	9/2/2015
Hammertoe Implants	USA	62/214612	9/4/2015
Subtalar Implants	USA	62/214883	9/4/2015
Variable Angle Locking Screws And Plates	USA	62/214954	9/22/2015
Retractor	USA	14/874073	10/2/2015
Small Bone Orthopedic Implant	USA	62/254949	11/13/2015
Subtalar Implants	USA	62/259938	11/25/2015
Variable Angle Locking Screws And Plates	USA	62/261053	11/30/2015
Height Adjustable Spinal Prostheses	USA	14/991270	1/8/2016
Spinal Plate Implant With Cam Lock Bone Screw Retention	USA	62/290027	2/2/2016
Expandable Corpectomy Cage	USA	15/045781	2/17/2016
Lateral Spine Plate With Set Screw Locking Of Bone Screws	USA	62/298157	2/22/2016
Expandable Spinal Cage With Reverse Dovetail	USA	62/298951	2/23/2016
Spinal Interbody Cage With Flexible Barbs	USA	62/298534	2/23/2016
Expandable Corpectomy Spinal Implant	USA	62/300876	2/28/2016
Cervical And Lumbar Spinal Interbody Device	USA	15/081676	3/25/2016
Small Bone Orthopedic Implant	USA	62/314455	3/29/2016
Hook Screw	USA	62/013218	62/013218
Adjustable Spine Distraction Implant	USA	15/090,257	

GRANTED PATENTS: Title	Country	App. No.	App. Date	Patent No.	Grant Date
Vertically Adjustable Intervertebral Disc Prosthesis	USA	10/675573	9/30/2003	7255714	8/14/2007
Dynamic Cervical Plates And Cervical Plate Constructs	USA	11/022461	12/22/2004	7318825.00	1/15/2008
Intervertebral Disc Prosthesis	USA	11/734564	4/12/2007	7402176	7/22/2008
Pedicle Screw Constructs For Spine Fixation Systems	USA	11/034300	1/12/2005	7678137.00	3/16/2010
Expandable Spinal Devices And Method Of Insertion	USA	11/394719	3/31/2006	7731751.00	6/8/2010
Spinal Fixation System	USA	11/071604	3/3/2005	7744635.00	6/29/2010
Pedicle Screw Constructs	Japan	2006-549545	7/13/2006	4321691.00	11/5/2010
Spinal Stabilization Systems	USA	10/722119	11/25/2003	7862586	1/4/2011
Pedicle Screw Constructs	Australia	2005/206822	7/3/2005	2005/206822	1/6/2011

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PATENT
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GRANTED PATENTS: Title	Country	App. No.	App. Date	Patent No.	Grant Date
Dynamic Cervical Plates	Australia	2004/308422	4/7/2006	2004/308422	1/31/2011
Interlaminar Hook	USA	12/028343	2/8/2008	7935133	5/3/2011
Spinal Fixation System	USA	10/864673	6/9/2004	7938848.00	5/10/2011
Structure For Joining And Retaining Multi-Part Orthopedic Implants	USA	11/709022	2/21/2007	7951151.00	5/31/2011
Dynamic Cervical Plates	Europe	4815270.60	7/20/2006	1711113.00	8/17/2011
Spinal Fixation System	USA	11/461987	8/2/2006	8021398.00	9/20/2011
Stenotic Device	USA	11/801291	5/9/2007	8021394.00	9/20/2011
Craniospinal Fusion Method And Apparatus	USA	11/832643	8/1/2007	8043342	10/25/2011
Pedicle Dart System	USA	12/009496	1/17/2008	8075579.00	12/13/2011
Spinal Cross-Connector With Spinal Extensor Muscle Curvature	USA	12/348279	1/3/2009	8080037.00	12/20/2011
Craniospinal Fusion Method And Apparatus	USA	11/832646	8/1/2007	8083743	12/27/2011
Pedicle Screw Constructs For Spine Fixation Systems	USA	11/829814	7/27/2007	8092494.00	1/10/2012
Prosthetic Vertebral Assembly	USA	12/176041	7/18/2008	8097038	1/17/2012
Self-Contained Assembly For Installation Of Orthopedic Implant Components Onto An Orthopedic Implant	USA	12/412701	3/27/2009	8100909.00	1/24/2012
Resilient Spinal Rod System With Controllable Angulation	USA	12/196438	8/22/2008	8172879.00	5/8/2012
Expandable Spinal Spacer	USA	12/234634	9/20/2008	8177813.00	5/15/2012
Posterior Spinal Bridge Assembly Providing Static Or Dynamic N-Level Spinal Bridge Interconnection	USA	12/713635	2/26/2010	8177814.00	5/15/2012
Static And Dynamic Cervical Plates And Cervical Plate Constructs	USA	11/022504	12/21/2004	8182518.00	5/22/2012
Craniospinal Fusion Method And Apparatus	USA	12/688848	1/15/2010	8182511	5/22/2012
Osteointegration Apparatus	USA	12/350936	1/8/2009	8187302	5/29/2012
Dynamic Cervical Plates	Japan	2006-547329	10/1/2010	5039822.00	7/13/2012
Dynamic Spinal Stabilization Devices And Systems	USA	11/601472	11/17/2006	8221467.00	7/17/2012
Spinal Rod Connector Assembly For A Vertebral Bone Screw	USA	12/403875	3/13/2009	8221473.00	7/17/2012
Adjustable Spine Distraction Implant	USA	12/100718	4/10/2008	8231656.00	7/31/2012
One Step Entry Pedicular Preparation Device And Disc Access System	USA	12/321311	1/15/2009	8236006.00	8/7/2012
Flexible And Static Interspinous/Inter-Laminar Spinal Spacers	USA	12/694051	1/26/2010	8236031.00	8/7/2012
Radially Expandable Spinal Interbody Device And Implantation Tool	USA	12/079737	3/28/2008	8241358.00	8/14/2012
Spinal Cross-Connector	USA	12/172225	7/12/2008	8241334.00	8/14/2012
Posterior Cervical Cross Connector Assemblies	USA	12/645110	12/22/2009	8246665.00	8/21/2012
Foldable Orthopedic Implant	USA	12/258705	10/27/2008	8268001.00	9/18/2012
Combined Spinal Interbody And Plate Assemblies	USA	12/836285	7/14/2010	8343223.00	1/1/2013
Single-Sided Dynamic Spine Plates	USA	12/550013	8/28/2009	8348949.00	1/8/2013
Vertebra Attachment Method And System	USA	12/234521	9/19/2008	8403965	3/26/2013
Instruments For Installing Multi-Section Intervertebral Spinal Implants	USA	12/797360	6/9/2010	8475461.00	7/2/2013

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PATENT
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GRANTED PATENTS: Title	Country	App. No.	App. Date	Patent No.	Grant Date
Hinged Spinal Fusion Cages	USA	12/355557	1/16/2009	8486148.00	7/16/2013
Expandable Spinal Interbody And Intravertebral Body Devices	USA	12/789257	5/27/2010	8512407.00	8/20/2013
Prosthetic Spinous Process And Method	USA	11/296470	12/8/2005	8597331.00	12/3/2013
Cervical And Lumbar Spinal Interbody Devices	USA	11/900944	9/14/2007	8597359.00	12/3/2013
Spinal Tension Band	USA	11/970321	1/7/2008	8617214	12/31/2013
Spinal Fixation System	USA	12/825176	6/28/2010	8617209.00	12/31/2013
Spinal Disc Prostheses	USA	12/148487	4/18/2008	8623090.00	1/7/2014
Spine Plate With Configured Bone Screw Bores	USA	12/072485	2/26/2008	8636779.00	1/28/2014
Spinal Implants For Lumbar Vertebra To Sacrum Fixation	USA	13/306744	11/29/2011	8636771.00	1/28/2014
Pedicle Screw Construct And Spine Rod Attachment Assemblies	USA	11/651721	1/10/2007	8663287.00	3/4/2014
Posterior Spinal Prosthesis	USA	12/492668	6/26/2009	8663295.00	3/4/2014
Spinal Facet Fastener	USA	12/572101	10/1/2009	8715321.00	5/6/2014
Spinal Implant (Fusion System)	China P.R.	20133054468 2.90	11/14/2013	ZL2013305 44682.9	5/7/2014
Multi-Axial Spinal Cross-Connectors	USA	11/906804	10/4/2007	8721689.00	5/13/2014
Spinal Implant For Lumbar Vertebra To Sacrum Fixation	USA	13/618708	9/14/2012	8721687.00	5/13/2014
Flexible And Static Interspinous/Inter-Laminar Spinal Spacers	USA	13/567581	8/6/2012	8728123.00	5/20/2014
Systems And Methods For Spinal Rod Insertion And Reduction	USA	13/016666	1/28/2011	8764754.00	7/1/2014
Method For Treating A Neurological Disorder	USA	13/163650	6/17/2011	8858470	10/14/2014
Craniospinal Fusion Method And Apparatus	USA	13/335248	12/22/2011	9107717	8/18/2015
Spinal Rod Connector	USA	29/503015	9/22/2014	D746461	12/29/2015
Expandable Corpectomy Cage	USA	13/409357	3/1/2012	9283086	3/15/2016

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