506044905 05/05/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6091620

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KYPHON SARL	04/26/2018

RECEIVING PARTY DATA

Name:	MEDTRONIC HOLDING COMPANY SÀRL
Street Address:	ROUTE DU MOLLIAU 31
City:	TOLOCHENAZ
State/Country:	SWITZERLAND
Postal Code:	1131

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16844574
Application Number:	13735608

CORRESPONDENCE DATA

Fax Number: (901)345-1583

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.

Phone: 9013963133

Email: rs.patents.two@medtronic.com

Correspondent Name: MEDTRONIC SPINAL AND BIOLOGICS

Address Line 1:2600 SOFAMOR DANEK DRIVEAddress Line 4:MEMPHIS, TENNESSEE 38132

ATTORNEY DOCKET NUMBER:	P0042032(1502-879)
NAME OF SUBMITTER:	RICHARD D. WATKINS
SIGNATURE:	/Richard D. WATKINS, Reg. #50993/
DATE SIGNED:	05/05/2020

Total Attachments: 187

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PATENT 506044905 REEL: 052570 FRAME: 0359

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26 April 2018

SALE, PURCHASE, TRANSFER AND ASSIGNMENT AGREEMENT
between
Kyphon Sàrl
and
Medtronic Holding Company Sàrl
,

THIS AGREEMENT is signed on and effective as per 26 April 2018 (the "Effective Date").

between:

 Kyphon Sàrl, a Swiss limited liability company, having its corporate seat in Neuchâtel, Canton of Neuchâtel, Switzerland, and with registered address at Pierreà-Bot 97, 2000 Neuchâtel (Switzerland), registered with the Commercial Register of the Canton of Neuchâtel under the number CHE- 112.776.349

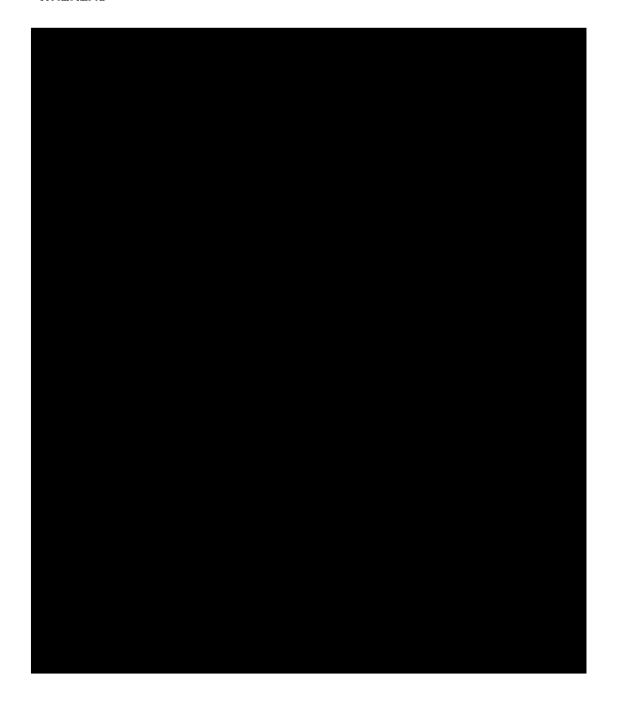
hereinafter referred to as "Kyphon"

2) Medtronic Holding Company Sarl, a Swiss limited liability company, having its corporate seat in Tolochenaz, Canton of Vaud, Switzerland, and with registered address at c/o Medtronic International Trading Sarl, route du Molliau 31, 1131 Tolochenaz (Switzerland), registered with the Commercial Register of the Canton of Neuchâtel under the number CHE- 211.714.234

hereinafter referred to as "IPCo"

hereinafter collectively referred to as the "Parties"

WHEREAS



Article 1. Sale and purchase of Kyphon IP



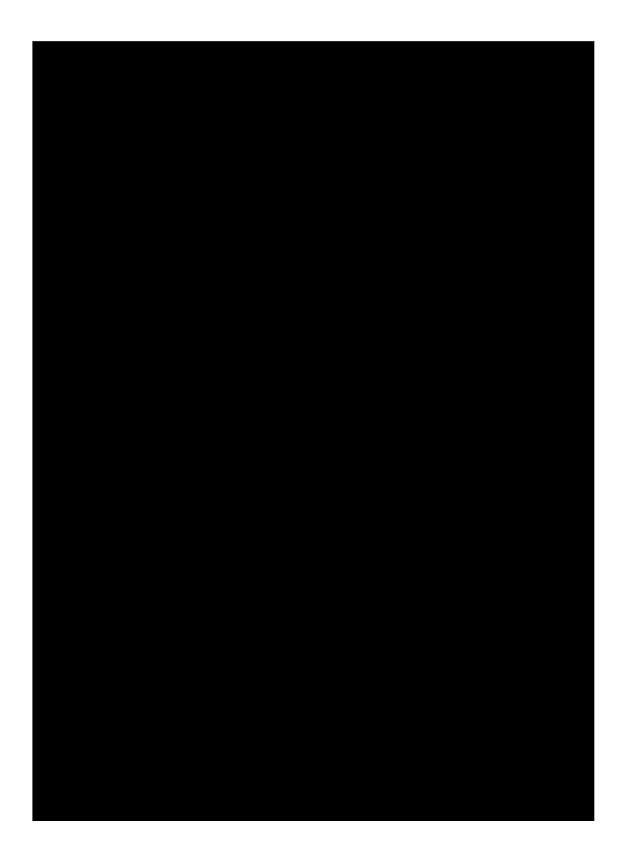
Article 2. Transfer and assignment of Kyphon IP

- 2.1 Kyphon herewith transfers and assigns, and IPCo herewith accepts and assumes the transfer and assignment of all interest in, rights and obligations of the legal ownership in the Kyphon IP as listed in Annex 1 (the "Legal Kyphon IP").
- 2.2 Kyphon herewith transfers and assigns, and IPCo herewith accepts and assumes the transfer and assignment of the legal and/or economic ownership in any other intellectual property rights owned by Kyphon, which are not listed in Annex 1, as defined in <u>Annex 2</u> (the "Residual Kyphon IP", together with the Legal Kyphon IP, the "Transferred Kyphon IP").
- 2.3 The actions described under 2.1 through 2.2 are referred to as the "Transfer" hereinafter.

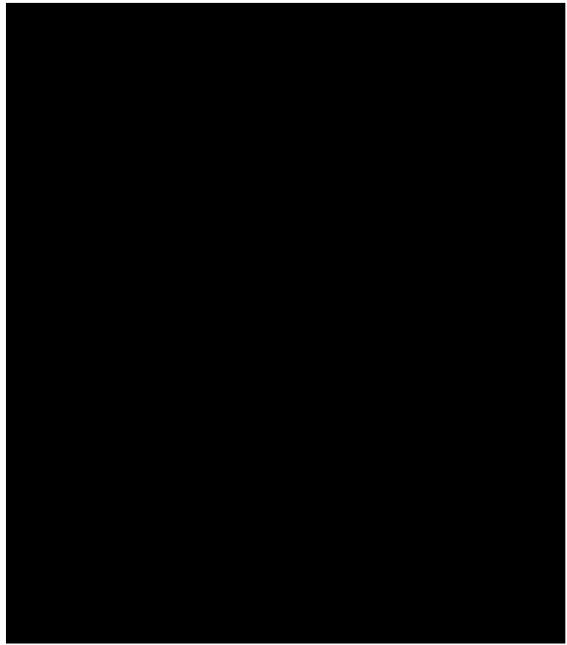
Article 3. Effective date

3.1 The Sale and Transfer shall be effective between the Parties and recorded in their books as per 26 April 2018 (the "Effective Date").









IN WITNESS WHEREOF, each of the Parties has caused this Agreement to be executed on its behalf on the date first written above.

(signatures on the next pages)

On behalf of Kyphon Sårl

Place, date

Emmanuelle Marie-Hélène De Beaumont

Managing Officer

On behalf of Medtronic Holding Company Sarl

Place, date

John Thomas Barrett

Chairman

Annex 1: Legal Kyphon IP

Annex 2 - Residual Kyphon IP

Any or all of the following and all rights, whether statutory or common law, owned by Kyphon, including but not limited to any and all beneficial and/or legal rights, associated therewith:

- all domestic and foreign patents and applications therefor and all reissues, reexaminations, divisions, renewals, extensions, continuations and continuations-in-part thereof;
- b. all inventions (whether patentable or not), invention disclosures, improvements, trade secrets, confidential or proprietary information, know how, technology, data and customer lists, rights of privacy and publicity, financial and marketing data, pricing and cost information, business and marketing plans, databases and compilations of data, and all documentation relating to any of the foregoing;
- all copyrights, copyright registrations and applications therefor, unregistered copyrights, and the content of all websites and all other rights corresponding thereto throughout the world;
- d. all mask works, mask work registrations and applications therefor;
- e. all industrial designs and any registrations and applications therefor;
- f. all trade names, corporate names, logos, trade dress, trade secret, common law trademarks and service marks; trademark and service mark registrations and applications therefor;
- g. all computer software including all source code, object code, firmware, development tools, files, records and data, all media on which any of the foregoing is recorded, and all documentation related to any of the foregoing; and
- all internet domain names (including all software and applications, and all components and/or modules thereof);
- any other registered or unregistered intangibles of Kyphon which are not listed in Annexes 1 and 2, and which are not part of the License Agreement, with the exception of goodwill.

PC0000908.00-FRU1	PC0000444.04	PC0000753.00-USP1	PC0000444.00-USP1	PC0000295.00-USU1	PA0000721.00-WOU1	PA0000721.00-USI1	PA0000721.00-USU1	PA0000721.00-JPU1	PA0000721.00-EPU1	P0032496.09	P0031798.200	P0031097.145	Matter # P0031097.156
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Matter Status Inactive
FR - France 0302038	JP - Japan 4883874	US - United States	US - United States	US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States 5,871,468	US - United States	JP - Japan	EP - European Patent Office (EPO)	JP - Japan	CN - China	US - United States	Country Patent# JP - Japan
0302038	2002-518850	60/406,362	60/224,491	08/856,902	US98/05300	08/829,012	08/637142	1997-107526	97302701.4				Application #
INTERSPINOUS DEVICE FOR IMPEDING THE MOVEMENTS OF TWO SUCCESSIVE VERTEBRAE AND PROCESS FOR MAKING A PAD DESIGN FOR IT	SURGICAL INSTRUMENTATION AND METHOD FOR TREATMENT OF THE SPINE	SYSTEMS AND METHODS FOR INTRAVERTEBRAL REDUCTION	VERTEBRALPLASTY REDUCTION DEVICE	ANTERIOR CERVICAL PLATING SYSTEM	MEDICAL CATHETER WITH A HIGH PRESSURE/LOW COMPLIANT BALLOON	MEDICAL CATHETER WITH A HIGH PRESSURE/LOW COMPLIANT BALLOON	HIGH PRESSURE BALLOON CATHETER	MEDICAL CATHETER WITH A HIGH PRESSURE/LOW COMPLIANT BALLOON	HIGH PRESSURE BALLOON CATHETER	System and method for delivering a therapeutic agent for bone disease	Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Systems and Methods for Placing Materials Into Bone	Title Methods for Placing Materials Into Bone

PC0001144.00-USP1 Inactive US - United States 60/580,055	PC0001062.00-FRD1 Inactive FR - France 14	WO - World Intellectual PCT, PC0001076.01 Inactive Property Organization (WIPO)	PC0001054.04 Inactive JP - Japan 4303589 20	EP - European PC0001054.03 Active Patent Office 1414358 02 (EPO)	PC0001054.02 Active US - United States 7,445,637 10	PC0001056.00-FRU1 Inactive FR - France 2775183 98	PC0000896.00-USU1 Inactive US - United States 10	PC0000857.00-USU1 Active US - United States 7,641,664 10	WO - World Intellectual PC PC0000908.01 Inactive Property 00 Organization (WIPO)	PC0000444.06 Inactive US - United States 10	PC0000913.00-USU1 Inactive US - United States 7,377,942 10
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Inactive	Inactive	Inactive	Active	Active	Inactive	Active	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive
AU - Australia	JP - Japan	CA - Canada	EP - European Patent Office (EPO)	US - United States	US - United States	US - United States	US - United States	KR - Republic of Korea	CN - China	AU - Australia	Patent Office (EPO)	Intellectual Property Organization (WIPO)	AU - Australia WO - World
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P0022385.00-USU1	Inactive	US - United States 7,780,709	7,780,709	11/104,267	Implants and Methods for Inter-Transverse Process Dynamic Stabilization of a Spinal Motion Segment
P0021537.00-USU1	Inactive	US - United States		11/092,603	Implants Incorporating Nanotubes and Methods for Producing the Same
P0022254.00-USU1	Inactive	US - United States		11/105,993	Magnetic Manipulation of a Cable in Blind Approach
P0022397.00-USU1	Inactive	US - United States		11/331,924	Use of a Posterior Dynamic Stabilization System with an Intradiscal Device

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2516323	200421277 6		7,892,207	8,034,088			7,691,130		7,837,711		7,862,591		
2516323	2004212776	11/412,345	11/412,342	11/336,123	11/341,233	11/409,639	11/340,974	11/559,013	11/341,178	11/359,070	11/271,018	11/333,919	11/117,891
INTERSPINOUS DEVICE FOR IMPEDING THE MOVEMENTS OF TWO SUCCESSIVE VERTEBRAE AND PROCESS FOR MAKING A PAD DESIGNED FOR IT	INTERSPINOUS DEVICE FOR IMPEDING THE MOVEMENTS OF TWO SUCCESSIVE VERTEBRAE AND METHOD FOR MAKING A PAD DESIGN FOR IT	Vented Directional Delivery Cannula With Openings Of Different Size For Use With Flowable Materials And Method For Use Thereof	Dilating Stylet and Cannula	SURGICAL INSTRUMENTATION AND METHOD FOR TREATMENT OF A SPINAL STRUCTURE	Interspinous Devices and Methods of Use	Surgical Distraction Device and Procedure	Spinal Implants Including a Sensor and Methods of Use	Intervertebral Prosthetic Assembly for Spinal Stabilization and Method of Implanting Same	Artificial Spinous Process for the Sacrum and Methods of Use	Intervertebral Prosthetic Assembly for Spinal Stabilization and Method of Implanting Same	Intervertebral Prosthetic Device for Spinal Stabilization and Method of Implanting Same	Intervertebral Prosthetic Device for Spinal Stabilization and Method of Implanting Same	Local Delivery of an Active Agent from an Orthopedic Implant

PC0000908.05	Inactive	CN - China	200480004 690.2	200480004 20048000469 690.2 0.2	INTERSPINOUS DEVICE FOR IMPEDING THE MOVEMENTS OF TWO SUCCESSIVE VERTEBRAE AND PROCESS FOR MAKING A PAD DESIGN FOR IT
7	-	-	1		INTERSPINOUS DEVICE FOR IMPEDING THE
PC0000908.06	Inactive	JP - Japan	4330617	2006-502436	MOVEMENTS OF TWO SUCCESSIVE VERTEBRAE AND PROCESS FOR MAKING A PAD DESIGN FOR IT
PC0000908.07	Inactive	EP - European Patent Office (EPO)		04711670.2	INTERSPINOUS DEVICE FOR IMPEDING THE MOVEMENTS OF TWO SUCCESSIVE VERTEBRAE AND PROCESS FOR MAKING A PAD DESIGN FOR IT
PC0000913.03	Inactive	JP - Japan	4500311	2006-522743	Posterior Elements Motion Restoring Device
PC0000913.07	Inactive	KR - Republic of Korea		waiting	Devices for Replacing Posterior Elements of the Spine
P0023598.00-USU1	Inactive	US - United States		11/353,323	Treatment of the Vertebral Column
P0023556.00-USU1	Active	US - United States	8,163,018	11/353,517	Treatment of the Vertebral Column
P0023557.00-USU1	Inactive	US - United States		11/354,314	Treatment of the Vertebral Column
P0023558.00-USU1	Active	US - United States	7,520,888	11/353,520	Treatment of the Vertebral Column
P0023559.00-USU1	Inactive	US - United States		11/354,313	Treatment of the Vertebral Column
P0022790.00-USU1	Inactive	US - United States		11/438,940	Surgical Spacer
P0023190.00-USU1	Inactive	US - United States		11/438,891	Surgical Spacer with Shape Control
P0023772.00-USU1	Inactive	US - United States		11/442,621	In Vivo-Customizable Implant
P0024474.00-USU1	Inactive	US - United States	7,846,185	11/413,784	Expandable Interspinous Process Implant and Method of Installing Same
P0024476.00-USU1	Inactive	US - United States	8,348,978	11/413,785	Interosteotic Implant

P00232	P00252.	PC0001	P0022053.01	P0022257.01	P0021537.01						
P0023220.00-USU1	P0025218.00-USU1	PC0001076.03-LIN1	PC0001076.03-ITN1	PC0001076.03-GBN1	PC0001076.03-FRN1	PC0001076.03-ESN1	PC0001076.03-CHU1	PC0001076.03-BEU1	53.01	57.01	37.01
Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States	US - United States	LI - Liechtenstein	IT - Italy	GB - United Kingdom	FR - France	ES - Spain	CH - Switzerland	BE - Belgium	WO - World Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)
		1545354	1545354	1545354	1545354	1545354	1545354	1545354			
11/413,587	11/413,525	03769561.6	03769561.6	03769561.6	03769561.6	03769561.6	03769561.6	03769561.6	US06/012193	US06/009173	US06/007980
Multi-Chamber Expandable Interspinous Process Brace	Bone Fixation Grommet	ENSEMBLE DE SOUTIEN VERTEBRAL POSTERIEUR	Instruments and Methods for Aggressive Yet Continuous Tissue Removal	Intervertebral Device for Spinal Stabilization and Method of Implanting Same	Implants Incorporating Nanotubes and Methods for Producing the Same						

WO - World

PC0000896.02 Inactive (PC0000857.05 Inactive F	PC0000857.06 Inactive /	PC0000857.04 Inactive J	PC0000857.03 Inactive (P0025745.00-USU1 Inactive (P0026155.00-USU1 Inactive (P0025913.00-USU1 Inactive U	P0025679.00-USU1 Inactive (P0026159.00-USU1 Inactive (PC0000295.14 Inactive F	P0025773.00-USU1 Inactive (P0025365.00-USU1 Inactive (rouzzzo4.o1 mactive r
CA - Canada	EP - European Patent Office (EPO)	AU - Australia	JP - Japan 4782703	CA - Canada	US - United States	US - United States	US - United States	US - United States 7,879,104	US - United States 7,891,053	EP - European Patent Office 0984728 (EPO)	US - United States	US - United States	Property Organization (WIPO)
2,559,204	05712963.7	2005215373	2006-553172	2,555,349	11/620,428		11/470,810	11/560,169	11/390,850	98921137.0	11/412,346	11/559,938	0506/014018
SURGICAL SYSTEM FOR DELIVERY OF VISCOUS FLUIDS	SURGICAL INSTRUMENTATION FOR TREATMENT OF A SPINAL STRUCTURE	SURGICAL INSTRUMENTATION AND METHOD FOR TREATMENT OF A SPINAL STRUCTURE	SURGICAL INSTRUMENTATION AND METHOD FOR TREATMENT OF A SPINAL STRUCTURE	SURGICAL INSTRUMENTATION AND METHOD FOR TREATMENT OF A SPINAL STRUCTURE	System And Method For Percutaneously Curing An Implantable Device	Devices and Methods for Bone Void Creation or VCF Reduction	Intercostal Spacer Device and Method for use in Correcting a Spinal Deformity	Spinal Implant System	Releasably Interlocking Instrument Handle and Method For Use Thereof	ANTERIOR CERVICAL PLATING SYSTEM	Vented Directional Delivery Cannula With Openings Of Different Shape For Use With Flowable Materials And Method For Use Thereof	Inter-Transverse Process Spacer Device and Method for use in Correcting a Spinal Deformity	US06/014018 Magnetic Manipulation of a Cable in Blind Approach

			(WIPO)		
Con			Organization		
Spirial illipiants literualing a sensor and whethous of	US07/060879		Property	Inactive	P0023773.01
Spinal Implants Including a Consor and Mathods of			Intellectual		
			WO - World		
SURGICAL INSTRUMENTATION FOR THE REPAIR OF VERTEBRAL BODIES	20058001972 3.5		CN - China	Inactive	PC0001144.06
SURGICAL INSTRUMENTATION FOR THE REPAIR OF VERTEBRAL BODIES	2005258328		AU - Australia	Inactive	PC0001144.05
Surgical Instrumentation for Treatment of a Spinal Structure	2007-516854		JP - Japan	Inactive	PC0001144.03
SURGICAL INSTRUMENTATION FOR THE REPAIR OF VERTEBRAL BODIES	2,570,798		CA - Canada	Inactive	PC0001144.02
INTERSPINOUS SPACER	2005247335	200524733 5	AU - Australia	Inactive	PC0000868.05
INTERSPINOUS SPACER	05745238.5	1765205	EP - European Patent Office (EPO)	Active	PC0000868.04
2007-527271 INTERSPINOUS SPACER	2007-527271	4495218	JP - Japan	Inactive	PC0000868.03
Posterior Stabilization and Spinous Process Systems and Methods	11/801,603		US - United States	Inactive	P0026643.00-USU1
Interspinous Process Devices and Methods	11/610,522	7,955,392	US - United States	Active	P0025471.00-USU1
Multiport Cannula	11/561,183		US - United States	Inactive	P0026185.00-USU1
SURGICAL SYSTEM FOR DELIVERY OF VISCOUS FLUIDS	2005231136		AU - Australia	Inactive	PC0000896.05
SURGICAL SYSTEM FOR DELIVERY OF VISCOUS FLUIDS	05729457.1		EP - European Patent Office (EPO)	Inactive	PC0000896.04
2007-506246 SURGICAL SYSTEM FOR DELIVERY OF VISCOUS FLUIDS	2007-506246		JP - Japan	Inactive	PC0000896.03

P0029809.09	P0029809.07	P0023877.01	P0025218.01	P0027278.00-USU1	P0025773.01	P0023526.01	P0022320.01
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States 5,611,354	US - United States 5,437,672	Property Organization (WIPO)	Property Organization (WIPO) WO - World Intellectual	US - United States WO - World Intellectual	WO - World Intellectual Property Organization (WIPO)	Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)
08/440,363	08/296,857	US07/066917	US07/067310	11/741,855	US07/066964	US07/063281	US07/062312
Spinal Cord Protection Device	Spinal Cord Protection Device	US07/066917 Dilating Stylet and Cannula	US07/067310 Bone Fixation Grommet	Intravertebebral Reduction Device with Retention Balls	Delivering Flowable Materials And Method For Use Thereof (Title change International Search Report mailed: 11/07/07) kap		US07/062312 Surgical Instrument to Assess Tissue Characteristics

P0022385.05	P0022385.04	P0022385.03	P0025913.01	P0021537.05	P0021537.04	P0021537.03	P0021537.02	P0022257.03	P0022257.02	PC0001135.04	P0029809.11	P0029809.10
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive
AU - Australia	EP - European Patent Office (EPO)	JP - Japan	WO - World Intellectual Property Organization (WIPO)	CN - China	EP - European Patent Office (EPO)	JP - Japan	CA - Canada	JP - Japan	CA - Canada	EP - European Patent Office (EPO)	US - United States	US - United States
		4693899								1885266	6,454,767	5,868,745
2006235094	06740641.3	2008-506521	US07/077726	20068001467 6.X	06737188.0	2008-504070	2,600,622	2008-204096	2,600,846	06758889.7	09/246,274	08/769,508
Implants and Methods for Inter-Transverse Process Dynamic Stabilization of a Spinal Motion Segment	Implants for Inter-Transverse Process Dynamic Stabilization of a Spinal Motion Segment	Implants and Methods for Inter-Transverse Process Dynamic Stabilization of a Spinal Motion Segment	Intercostal Spacer Device and Method for use in Correcting a Spinal Deformity	20068001467 Implants Incorporating Nanotubes and Methods for 6.X Producing the Same	Implants Incorporating Nanotubes and Methods for Producing the Same	Implants Incorporating Nanotubes and Methods for Producing the Same	Implants Incorporating Nanotubes and Methods for Producing the Same	Intervertebral Device for Spinal Stabilization and Method of Implanting Same	Intervertebral Prosthetic Device for Spinal Stabilization and Method of Implanting Same	Spinous Process Stabilization Devices	Spinal Cord Protection Device	Spinal Cord Protection Device

	P0025679.01		P0022378.10	P0022378.08	P0022378.07	P0022378.05	P0022378.04	P0022378.03	PC0001041.05	PC0001041.04	PC0001041.02	P0022380.05	P0022254.05
	Inactive		Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive
Organization (WIPO)	Property	WO - World	RU - Russian Federation	IN - India	KR - Republic of Korea	AU - Australia	EP - European Patent Office (EPO)	JP - Japan	CN - China	AU - Australia	JP - Japan	AU - Australia	AU - Australia
								4707738	ZL2006800 14649.2	200624264 9	4851513		
	US07/082961		2007141339	3989/KOLNP, 2007	7026151/07	2006235096	06740643.9	2008-506522	20068001464 9.2	2006242649	2008-508928	2006242532	2006236653
	US07/082961 Spinal Implant System		Implants and Methods for Posterior Dynamic Stabilization of A Spinal Motion Segment	3989/KOLNP/ Implants and Methods for Posterior Dynamic 2007 Stabilization of A Spinal Motion Segment	Implants and Methods for Posterior Dynamic Stabilization of A Spinal Motion Segment	Implants and Methods for Posterior Dynamic Stabilization of A Spinal Motion Segment	Implants and Methods for Posterior Dynamic Stabilization of A Spinal Motion Segment	Implants and Methods for Posterior Dynamic Stabilization of A Spinal Motion Segment	SYNTHETIC LOADBEARING COLLAGEN-MINERAL COMPOSITES USEFUL FOR SPINAL IMPLANTS, AND METHODS OF MANUFACTURE	SYNTHETIC LOADBEARING COLLAGEN-MINERAL COMPOSITES USEFUL FOR SPINAL IMPLANTS, AND METHODS OF MANUFACTURE		Local Delivery of an Active Agent from an Orthopedic Implant	Magnetic Manipulation of a Cable in Blind Approach

P0031050.03	P0031050.01	P0031050.00-USP1	P0031050.02	P0031044.00-USU1	P0031035.03	P0031035.02	P0031035.01	P0031035.00-USP1	P0025365.01	P0023714.01
Active	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States 6,746,485	US - United States 6,416,776	US - United States	US - United States	US - United States 8,226,619	US - United States 7,520,899	US - United States 7,320,707	US - United States	US - United States	Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)
09/504,826	09/505,050	60/163,224	60/120,486	11/764,050	10/982,638	10/981,952	60/517,973	60/517,791	US07/084405	US07/084384
Hair Used as a Biologic Disk, Replacement, and/or Structure and Method	BIOLOGICAL DISK REPLACEMENT, BONE MORPHOGENIC PROTEIN (BMP) CARRIERS, AND ANTI- ADHFSION MATFRIALS	Hair Used as a biologic Disk, Replacement, and/or Structure	BIOLOGICAL DISC REPLACEMENT, BONE MORPHOGENIC PROTEIN (BMP) CARRIERS, AND ANTI- ADHESION MATERIALS	Systems and Methods for Needle Access to an Intervertebral Disc	Laterally insertable artificial vertebral disk replacement implant with crossbar spacer	Method of Laterally Inserting an Artificial Vertebral Disk Replacement Implant With Crossbar Spacer	Artificial vertebral disk replacement implant with crossbar spacer and lateral implant method	Artificial vertebral disk replacement implant with crossbar spacer and lateral implant method	Inter-Transverse Process Spacer Device and Method for use in Correcting a Spinal Deformity	Intervertebral Prosthetic Assembly for Spinal Stabilization and Method of Implanting Same

P0031029.03	P0031029.02	P0031029.01	P0031029.00-DEU1	P0031058.05	P0031058.04	P0031058.03	P0031058.02	P0031058.01	P0031058.00-USP1	P0031050.04
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
CN - China	CA - Canada	WO - World Intellectual Property Organization (WIPO)	DE - Germany	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States	WO - World Intellectual Property Organization (WIPO)
100396641	2383580					7,481,840				
100396641 01801815.7	2383580	PCT/EP01/00 7605	10032220.4	10/979,850	10/979,841	10/979,062	60/614,246	60/614,181	60/614,061	PCT/US00/04 054
Magnesium-Ammonium-Phosphate Cements, the Production of the Same and the Use Thereof	Magnesium-Ammonium-Phosphate Cements, Their Production and Use	Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof	Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof	Multi-Piece Artificial Spinal Disk Replacement Device With Multi-Segmented Support Plates	Posterior Approach Implant Method for Assembly of Multi-Piece Artifical Spinal Disk Replacment Device In Situ	Multi-Piece Artificial Spinal Disk Replacement Device With Selectably Positioning Articulating Element	Mutli-piece artificial spinal disk replacement device with selectably positioning articulating element	Posterior Approach Implant Method for Assembly of Multi-Piece Artificial Spinal Disk Replacement Device In Situ	Multi-Piece Artificial Spinal Disk Replacement Device With Multi-Segmented Support Plates	PCT/US00/04 Hair Used as a Biologic Disk, Replacement, and/or 054 Structure and Method

Interspinous Process and Sacrum Implant and Method	10/685,139	7,833,246	US - United States	Inactive	P0031100.01
Interspinous Process and Sacrum Implant and Method	60/422,020		US - United States	Inactive	P0031100.00-USP1
Device and Methods for Introducing a Catheter Into An Intervertebral Disc	11/764,029		US - United States	Inactive	P0031041.00-USU1
Systems and Methods for Needle Access to an Intervertebral Disc	11/764,085	8,002,743	US - United States	Active	P0031046.00-USU1
Systems and Methods for Needle Access to an Intervertebral Disc	11/764,067	7,785,314	US - United States	Active	P0031045.00-USU1
Magnesium Ammonium Phosphate Cement Composition	11/841,651	7,540,914	US - United States 7,540,914	Active	P0031029.12
Magnesium Ammonium Phosphate Cement Composition	11/530,835	7,431,763	US - United States 7,431,763	Active	P0031029.11
Magnesium Ammonium Phosphate Cement Composition	11/104,392	7,115,163	US - United States	Active	P0031029.10
Magnesium Ammonium Phosphate Cement Composition	10/772,857	6,908,506	US - United States	Active	P0031029.09
Magnesium-Ammonium-Phosphates Cements, The Production of the Same and the Use Thereof	10/070,670	6,692,563	US - United States	Active	P0031029.08
Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof	2002-507738	5153046	JP - Japan	Active	P0031029.07
PREPARATION, THE PRODUCTION OF THE SAME AND THE USE THEREOF, AND THE PRODUCTION ON THE CEMENT	03103919.9	1051676	HK - Hong Kong	Inactive	P0031029.06
Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof	06011541.7	1707543	EP - European Patent Office (EPO)	Active	P0031029.05
Magnesium-Ammonium-Phosphate Cements, the Production of the Same and the Use Thereof	01957914.3	1296909	EP - European Patent Office (EPO)	Active	P0031029.04

P0031107.00-USP1	P0031030.07	P0031030.02	P0031030.06	P0031030.05	P0031106.00-USU1	P0031030.04	P0031030.03-EPN1	P0031030.01	P0031030.00-DEU1	P0031100.02
Inactive	Active	Active	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Inactive
US - United States	US - United States 7,501,020	US - United States	KR - Republic of Korea	JP - Japan	US - United States	CN - China	EP - European Patent Office (EPO)	WO - World Intellectual Property Organization (WIPO)	DE - Germany	WO - World Intellectual Property Organization (WIPO)
	7,501,020	7,273,523	10-1061308	4914005	6,582,433	1323726	1511521			
60/578,026	11/851,346	11/006,326	10-1061308 7019845/04	2004-510853	09/829,321	03813148.X	03735389.3	PCT/EP2003/ 005059	10225420.6	PCT/US03/33 799
Sizing Distractor and Method for Implanting an Interspinous Implant Between Adjacent Spinous Processes	STRONTIUM-APATITE CEMENT PREPARATIONS, CEMENTS FORMED THEREFROM, AND USES THEREOF	STRONTIUM-APATITE-CEMENT-PREPARATIONS, CEMENTS FORMED THEREFROM, AND USES THEREOF	Strontium-Apatite-Cement-Preparations and the Use Thereof	Strontium-Apatite-Cement-Preparations and the Use Thereof	Spine Fixation Device and Method	Strontium-Apatite-Cement-Preparations, Cements Formed Therefrom, and Uses Thereof	Strontium-Apatite-Cement-Preparations and the Use Thereof	Strontium Apatite Cement Preparations	Strontium-Apatite-Cement-Preparations and the Use Thereof	PCT/US03/33 Interspinous Process and Sacrum Implant and 799 Method

P0031061.01	P0031061.00-USU1	P0031031.07	P0031031.06	P0031031.05	P0031031.04	P0031031.03	P0031031.02	P0031031.01	P0031031.00-DEU1	P0031105.01	P0031105.00-USP1	P0031107.01
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States	US - United States	US - United States	KR - Republic of Korea	JP - Japan	HK - Hong Kong	EP - European Patent Office (EPO)	CN - China	WO - World Intellectual Property Organization (WIPO)	DE - Germany	US - United States	US - United States	US - United States
7,621,939	5,836,948				1097778		ZL2003801 04919.5		20218668			
11/092,862	08/778,093	11/141,769	7009928/200 5	2004-557582	07102226.5	03808436.4	20038010491 9.5	PCT/US2003/ 038580	20218668.7	11/002,167	60/528,954	11/147,816
Supplemental Spine Fixation Device and Method	Spine Distraction Implant and Method	Formulation for a Cement Preparation as Bone Substitute	Formulation for a Cement Preparation as Bone Substitute	Formulation for a Cement Preparation as Bone Substitute	CEMENT FORMULATION, BONE SUBSTITUTE MATERIAL AND A PROCESS FOR THE FORMATION OF CEMENT PREPARATION	Formulation for a Cement Preparation as Bone Substitute	20038010491 Cement Formulation, Bone Substitute Material and a 9.5 Process for the Formation of Cenent Preparation	PCT/US2003/ Formulation for a Cement Preparation as Bone 038580 Substitute	Formulation for a Cement Preparation as Bone Substitute	Disk Repair Structures With Anchors	Disk Repair Structures With Anchors	Sizing Distractor and Method for Implanting an Interspinous Implant Between Adjacent Spinous Processes

P0031115.09	P0031115.08	P0031115.07	P0031115.06	P0031115.05	P0031115.03	P0031115.02	P0031115.01	P0031115.00-USP1	P0031113.02	P0031113.01	P0031113.00-USP1
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Active	1 Inactive	Inactive	Inactive	⁹ 1 Inactive
US - United States 8,070,778	US - United States	US - United States 8,048,117	US - United States	US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States 7,695,513	US - United States 7,549,999	US - United States	US - United States	US - United States	US - United States
11/378,893	11/384,055	11/234,555	60/664,049	60/664,311	PCT/US04/01 6004	10/850,267	10/816,173	60/472,817	11/874,131	11/003,555	60/565,910
Interspinous Process Implant With Slide-In Distraction Piece and Method of Implantation	Interspinous Process Implant With Slide-In Distraction Piece and Method of Implantation	Interspinous Process Implant and Method of Implantation	Interspinous Process Implant with Slide-In Distraction Piece and Method of Implantation	Interspinous Process Implant with Slide-In Distraction Piece and Method of Implantation	L Distractible Interspinous Process Implant and Method of Implantation	Distractible Interspinous Process Implant and Method of Implantation	Interspinous Process Distraction Implant and Method of Implantation	Cervical Interspinous Process Distraction Implant and Method of Implantation	System and Method for Insertion of an Interspinous Process Implant That is Rotatable in Order to Retain the Implant Relative to the Spinous Processes	System and Method for Insertion of an Interspinous Process Implant That is Rotatable in Order to Retain the Implant Relative to the Spinous Processes	System and Method for Insertion of an Interspinous Process Implant That is Rotatable in Order to Retain the Implant Relative to the Spinous Processes

Bone Substitute Compositions and Methods of Use

P0031033.00-USP1 P0031033.01 P0031033.02 P0031033.03 P0031033.03	Inactive Inactive Active Active	WO - World Intellectual Property Organization (WIPO) US - United States CA - Canada CN - China EP - European Patent Office		60/565,986 PCT/US05/01 4616 11/116,656 11/116,656 2564687 20058001771 5.7	Bone Substitute Compositions and Methods of Use BONE SUBSTITUTE COMPOSITIONS AND METHOD OF USE BONE SUBSTITUTE COMPOSITIONS AND METHOD OF USE Bone Substitute Compositions and Method of Use
P0031033.02	Active	US - United States		11/116,656	BONE SUBSTITUTE COMP
P0031033.03	Inactive	CA - Canada		2564687	BONE SUBSTITUTE COMP
P0031033.04	Active	CN - China	ZL 200580017 715.7	20058001771 5.7	
P0031033.05	Active	EP - European Patent Office (EPO)	1742680	05743201.5	Bone Substitute Composi
P0031033.06	Inactive	JP - Japan		2007- 0510976	Bone Substitute Compositions and Method of Use
P0031033.07	Inactive	KR - Republic of Korea		10-2006- 7024715	Bone Substitute Compositions and Method of Use
P0031033.08	Inactive	MX - Mexico	304002	PA/a/2006/0 12420	Bone Substitute Compositions and Method of Use
P0031040.00-USP1	Inactive	US - United States		60/826,472	Device and Method for Facilitating Introduction of Guidewires into Catheters
P0031040.01	Inactive	US - United States		11/771,768	Device and Method for Facilitating Introduction of Guidewires into Catheters
P0031040.02	Inactive	WO - World Intellectual Property Organization (WIPO)		PCT/US07/07 9075	PCT/US07/07 DEVICE AND METHOD FOR FACILITATING 9075 INTRODUCTION OF CATHETERS

P0031034.00-USU1	Active	US - United States 7,651,701	11/214,151	Bone Cement Composition and Method of Making the Same
		WO - World		
P0031034.01	Inactive	Intellectual Property Organization (WIPO)	PCT/EP06/00 7750	Bone Cement Composition and Method of Making the Same
P0031141.00-USP1	Inactive	US - United States	60/524,350	Artificial Vertebral Disk Replacement Implant With a Spacer and Lateral Implant Method
P0031141.01	Active	US - United States 7,670,377	10/981,923	Laterally Insertable Artificial Vertebral Disk Replacement Implant With Curved Spacer
P0031141.02	Inactive	US - United States 7,691,146	10/981,945	Method of Laterally Inserting an Artificial Vetebral Disk Replacement Implant With Curved Spacer
P0031065.00-USU1	Inactive	US - United States	11/059,526	Apparatus and Method for Treatment of Spinal Conditions
P0031036.00-DEU1	Inactive	DE - Germany 10242984	10242984.7	Apparatus and Methods for Mixing Two Components
P0031166.00-USU1	Inactive	US - United States 5,836,948	08/778,093	DO NOT USE THIS P-NUMBER - DUPLICATE OF 31061.00; Spine Distraction Implant and Method
P0031061.02	Inactive	US - United States 5,860,977	08/958,281	Spine Distraction Implant and Method
P0031181.00-USP1	Inactive	US - United States	60/523,604	Intervertebral Body Fusion Cage With Keels and Lateral Implantation Method
P0031181.01	Inactive	US - United States	60/537,382	Intervertebral Body Fusion Cage With Keels and Lateral Implantation Method
P0031181.02	Active	US - United States 7,837,732	10/993,005	Intervertebral Body Fusion Cage With Keels and Implantation Methods
P0031181.03	Inactive	US - United States	10/992,824	Intervertebral Body Fusion Cage With Keels and Implantation Method
P0031061.03	Inactive	US - United States 6,074,390	09/018,479	Spine Distraction Implant and Method
P0031061.04	Inactive	US - United States 6,090,112	09/124,203	Spine Distraction Implant and Method

Spine Distraction Implant and Method	09/805,687	US - United States	Inactive	P0031061.15
	09/361,512 09/361,510	US - United States 6,152,926 US - United States 6,379,355	Active Inactive	P0031061.13 P0031061.14
Spine Distraction Implant and Method	09/592,801	US - United States	Inactive	P0031061.12
Spine Distraction Implant and Method	09/360,955	US - United States 6,149,652	Inactive	P0031061.11
Spine Distraction Implant and Method	09/361,513	US - United States 6,500,178	Inactive	P0031061.10
Spine Distraction Implant and Method	09/306,140	US - United States 6,156,038	Inactive	P0031061.09
Spine Distraction Implant and Method	09/200,266	US - United States 6,183,471	Inactive	P0031061.08
Spine Distraction Implant	09/179,570	US - United States 6,048,342	Inactive	P0031061.07
Spine Distraction Implant	09/175,645	US - United States 6,068,630	Inactive	P0031061.06
Spine Fixation Plate System	09/040,632	US - United States 6,045,552	Inactive	P0031187.00-USU1
Spine Distraction Implant and Method	09/139,333	US - United States 5,876,404	Inactive	P0031061.05
Method and Device for Treating Ailments of the Spine	11/403,488	US - United States	Inactive	P0031186.04
Method and Device for Treating Scoliosis	2,437,575	CA - Canada	Inactive	P0031186.03
Method and Device for Treating Scoliosis	10/075,373	US - United States 7,371,238	Inactive	P0031186.02
00 Method and Device for Treating Scoliosis	PCT/CA02/00 193	WO - World Intellectual Property Organization (WIPO)	Inactive	P0031186.01

P0030944.00-USU1	P0031195.01	P0031195.00-USP1	P0031061.27	P0031061.26	P0031061.25	P0031061.24	P0031061.23	P0031061.22	P0031061.21	P0031061.20	P0031061.19	P0031061.18	P0031061.17	P0031061.16
Inactive	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Active	Active	Inactive	Inactive
US - United States	US - United States 6,926,728	US - United States	US - United States 6,902,566	US - United States	US - United States 6,796,983	US - United States 6,419,677	US - United States 6,451,020	US - United States 6,332,883	US - United States 6,451,019	US - United States 6,280,444	US - United States 6,235,030	US - United States 6,332,882	US - United States 6,190,387	US - United States 6,238,397
11/021,786	09/978,386	60/306,289	09/799,470	60/220,022	09/684,017	09/754,534	09/686,150	09/706,991	09/579,039	09/507,755	09/473,173	09/474,038	09/474,037	09/473,184
Elongating Balloon Device and Method for Soft Tissue Expansion	Curved Dilator and Method	Curved Dilator and Method	Spinal Implants, Insertion Instruments, and Methods of Use	Spinal Implants, Insertion Instruments, And Methods of Use	Spine Distraction Implant and Method	Spine Distraction Implant and Method	Spine Distraction Implant and Method	Spine Distraction Implant	Supplemental Spine Fixation Device and Method	Spine Distraction Implant and Method	Spine Distraction Implant	Spine Distraction Implant	Spine Distraction Implant	Spine Distraction Implant and Method

P0031202.04	P0031061.50	P0031061.49	P0031061.48	P0031061.47	P0031061.46	P0031061.45	P0031061.44	P0031061.43	P0031061.42	P0031061.41	P0031061.40	P0031202.03	P0031202.02	P0031202.01
Inactive	Active	Active	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Active	Inactive	Inactive	Inactive	Inactive
US - United States	US - United States 7,758,619	US - United States 7,901,432	US - United States 7,473,268	US - United States	US - United States	US - United States 7,029,473	US - United States 6,419,676	US - United States	US - United States	US - United States 7,189,234	US - United States	US - United States 7,452,379	Intellectual Property Organization (WIPO)	US - United States 7,083,649 WO - World
60/422,022	10/790,561	10/790,651	10/770,372	10/747,534	10/732,589	10/230,505	09/684,748	10/037,236	60/323,467	09/999,754	60/323,508	10/916,279	PCT/US03/03 3944	10/684,669
Artificial Vertebral Disk Replacement Implant With a Spacer and Method	Spinous Process Impant with Tethers	Method for Lateral Implantation of Spinous Process Spacer	Mating Insertion Instruments for Spinal Implants and Methods of Use	Interspinous Process Distraction System and Method With Positionable Wing and Method	Spine Distraction Implant	Deflectable Spacer for Use as an Interspinous Process Implant and Method	Spine Distraction Implant and Method	Inter-spinous Process Implant and Method With Deformable Spacer Rotatable Spacer	Inter-spinous Process Implant and Method with Deformable Spacer	Interspinous Process Implant Sizer and Distractor with a Split Head and Size Indicator and Method	Interspinous Process Implant Sizer and Distractor with a Split Head and Size Indicator and Method	Artificial Vertebral Disk Replacement Implant With Crossbar Spacer and Method	3 Artificial Vertebral Disk Replacement Implant With Translating Pivot Point and Method	Translating Pivot Point

Artificial Vertebral Disk Replacement Implant With Crossbar Spacer and Method	11/746,526	US - United States	Inactive	P0031202.15
Method of Preparing for an Artificial Intervertebral Implant Using Tool	11/067,214	US - United States	Inactive	P0031202.14
Do Not Use This Record; Duplicate of P0031202.03 Artificial Vertebral Disk Replacement Implant With Crossbar Spacer and Method	10/916,279	US - United States	Inactive	P0031202.13
3 Tools For Implanting an Artificial Vertebral Disk and Method	PCT/US03/03 3884	WO - World Intellectual Property Organization (WIPO)	Inactive	P0031202.12
3 Artificial Vertebral Disk Replacement Implant With Crossbar Spacer and Method	PCT/US03/03 3942	WO - World Intellectual Property Organization (WIPO)	Inactive	P0031202.11
3 Artificial Vertebral Disk Replacement Implant with a Spacer and Method	PCT/US03/03 3909	WO - World Intellectual Property Organization (WIPO)	Inactive	P0031202.10
Artificial Vertebral Disk Replacement Implant With a Spacer	10/685,011	US - United States 6,966,929	Active	P0031202.09
Artificial Vertebral Disk Replacement Implant With Crossbar Spacer and Method	10/684,668	US - United States 7,273,496	Inactive	P0031202.08
Spine Distraction Implant	09/842,756	US - United States 6,699,247	Inactive	P0031061.51
Tools for Implanting Artificial Vertebral Disk and Method	10/685,134	US - United States 7,497,859	Inactive	P0031202.07
Artificial Vertebral Disk Replacement Implant With Crossbar Spacer and Method	60/422,021	US - United States	Inactive	P0031202.06
Tools for Implanting an Artificial Vertebral Disk and Method	60/422,011	US - United States	Inactive	P0031202.05

P0022372.07	P0022372.06	P0022372.05	P0031061.62	P0031061.61	P0031061.60	P0031061.59	P0031061.58	P0031061.57	P0031061.56	P0031061.55	P0031061.54	P0031061.53	P0031061.52
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Inactive	Inactive	Active	Active	Inactive	Inactive	Active	Inactive	Inactive	Inactive	Active	Inactive	Active	Inactive
CN - China	AU - Australia	EP - European Patent Office 1903965 (EPO)	US - United States 7,955,356	US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States 7,201,751	US - United States	US - United States	US - United States	US - United States 7,828,822	US - United States	US - United States 7,918,877	US - United States 7,510,567
2006800278 5.9	2006262460	06773554.8	11/067,982	11/592,527	PCT/US97/02 3962	09/842,819	60/219,985	Moved to P31367.33	Moved to P31367.32	11/412,742	11/068,554	11/067,835	10/818,154
20068002780 Intervertebral Prosthetic Device for Spinal 5.9 Stabilization and Method of Implanting Same	Intervertebral Prosthetic Device for Spinal Stabilization and Method of Implanting Same		Laterally Insertable Interspinous Process Implant	Spine Distraction Implant and Method	Spine Distraction Implant and Method	Supplemental Spine Fixation Device	Supplemental Spine Fixation Device and Method	Inter-Cervical Facet Implant with Implantation Tool	Inter-Cervical Facet Implant with Implantation Tool	Spinous Process Implant with Tethers	Spinous Porcess Implant with Tethers	Lateral Insertion Method for Spinous Process Spacer with Deployable Member	Spinal Implants, Insertion Instruments, and Methods of Use

P0031320.00-USU1	P0031319.01	P0031319.00-USP1	P0031317.01	P0031317.00-USP1	P0031315.01	P0031315.00-USP1	P0031307.02	P0031307.01	P0031307.00-USP1	P0031302.01	P0031302.00-USP1	P0031061.63
Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States 7,217,291	US - United States 7,575,600	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States 7,503,935	US - United States	US - United States	US - United States	WO - World Intellectual Property Organization (WIPO)
10/730,717	11/003,624	60/614,302	11/004,463	60/534,734	11/002,168	60/534,316	10/981,863	10/981,807	60/526,724	10/994,595	60/524,463	PCT/US98/02 2285
System and Method for Replacing Degenerated Spinal Disks	Artificial Vertebral Disk Replacement Implant With Translating Articulation Contact Surface and Method	Artificial Vertebral Disk Replacement Implant With Translating Articulation Contact Surface and Method	Artificial Spinal Disk Replacement Device With Rotation Limiter and Lateral Approach Implantation Method	Artificial Spinal Disk Replacement Device With Rotation Limiter and Lateral Approach Implantation Method	Disk Repair Structures for Positioning Disk Repair Material	Disk Repair Structures for Positioning Disk Repair Material	Laterally Insertable Artificial Vertebral Disk Replacement Implant With Translating Pivot Point	Disk Replacement Implant With Translating Pivot Point	Artificial Vertebral Disk Replacement Implant With Translating Pivot Point and Lateral Implant Method	Artificial Spinal Disk Replacement Device With Staggered Vertebral Body Attachments	Artificial Spinal Disk Replacement Device With Staggered Vertebral Body Attachments	Spine Distraction Implant

P0031326.05	P0031326.04	P0031326.03	P0031326.02	P0031326.01	P0031326.00-USP1	P0031320.01
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active
WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States 6,746,485	US - United States 6,416,776	US - United States	US - United States	US - United States 7,837,734
Do Not Use PCT/US00/00 (duplicate) 4054 Hair Used a Structure a		09/504,826	09/505,050	60/120,486	60/163,224	11/734,681
Do Not Use This Record; See Family Under P0031050 (duplicate) Hair Used as a Biologic Disk, Replacement, and/or Structure and Method	Do Not Use This Record; See Family Under P0031050 (duplicate) Biological Disk Replacement, Bone Morphogenic Protein (BMP) Carriers, and Anti-Adhesion Materials	Do Not Use This Record; See Family Under P0031050 (duplicate) Biological Disk Replacement, Bone Morphogenic Protein (BMP) Carriers, and Anti-Adhesion Materials	Do Not Use This Record; See Family Under P0031050 (duplicate) Biological Disk Replacement, Bone Morphogenic Protein (BMP) Carriers, and Anti-Adhesion Materials	Do Not Use This Record; See Family Under P0031050 (duplicate) Biological Disk Replacement, Bone Morphogenic Protein (BMP) Carriers, and Anti-Adhesion Materials	(duplicate) Hair Used as a Biologic Disk, Replacement, and/or Structure	System and Method for Replacing Degenerated Spinal Disks Do Not Use This Record: See Family Under P0031050

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Curved Spacer and Spine Curvature Correction	60/678,312	US - United States	Inactive	P0031362.00-USP1
Artificial Vertebral Disk Replacement Implant With				
Artificial Vertebral Disk Replacement Implant With Spine Curvature Adjustment and Crossbar Spacer	60/678,342	US - United States	Inactive	P0031361.00-USP1
	,			
Spine Curvature Adjustment and Translating Pivot	60/678,832	US - United States	Inactive	P0031357.00-USP1
Artificial Vertebral Disk Replacement Implant With				
Disk Replacement Endoprosthesis	PCT/US07/08 2409	WO - World Intellectual Property Organization (WIPO)	Inactive	P0031355.02
Disk Replacement Endoprosthesis	11/874,845	US - United States	Inactive	P0031355.01
Disk Replacement Endoprosthesis	60/853,955	US - United States	Inactive	P0031355.00-USP1
Percutaneous Spinal Implants and Methods	11/807,198	US - United States	Inactive	P0031065.02
Percutaneous Spinal Implants and Methods	11/788,752	US - United States	Inactive	P0031065.01
Method of Laterally inserting an Artificial Vertebral Disk Replacement Implant With Crossbar Spacer	11/958,165	US - United States	Inactive	P0031035.04
Apparatus and Methods for Mixing Two Components	10/660,465	US - United States 7,018,089	Active	P0031036.04
Apparatus and Methods for Mixing Two Components	03797897.0	EP - European Patent Office (EPO)	Inactive	P0031036.03
Apparatus and Methods for Mixing Two Components	PCT/US03/02 8440	WO - World Intellectual Property Organization (WIPO)	Inactive	P0031036.02

PATENT REEL: 0**5**2**3**26 FRAME: 0**44**3

Feature

P0031367.09 Inactive US - United States 60/679,363	P0031367.08 Inactive US - United States 60/679,361	P0031367.07 Inactive US - United States 60/668,053	P0031367.06 Active US - United States 8,100,944 11/093,689	P0031367.05 Active US - United States 7,763,050 11/093,557	P0031367.04 Active US - United States 7,776,090 11/053,735	P0031367.03 Active US - United States 7,591,851 11/053,399	P0031367.02 Inactive US - United States 11/053,346	P0031367.01 Inactive US - United States 7,601,170 11/053,624	P0031367.00-USP1 Inactive US - United States 60/635,453	P0031065.03 Inactive US - United States 11/825,315	WO - World Intellectual PO031366.01 Inactive Property Organization (WIPO)	P0031366.00-USU1 Inactive US - United States 11/554,401	P0031365.00-USP1 Inactive US - United States 60/614,062
Inter-Cervical Facet Implant With implantation Tool	Inter-Cervical Facet Implant With Implantation Tool	Inter-Cervical Facet Implant Distraction Tool	Inter-Cervical Facet Implant and Method for Preserving the Tissues Surrounding the Facet Joint	, Inter-Cervical Facet Implant With Locking Screw and Method	inter-Cervical Facet Implant and Method) Inter-Cervical Facet Implant and Method	Inter-Cervical Facet Implant and Method	Inter-Cervical Facet Implant and Method	Inter-Cervical Facet Implant and Method	Percutaneous Spinal Implants and Methods	08 Facet Joint Implant Sizing Tool	. Facet Joint Implant Sizing Tool	Magnectic Force Absorbing Mechanism and Method of Implanting Thereof

P0031367.25	P0031367.24	P0031367.23	P0031367.22	P0031367.21	P0031367.20	P0031367.19			P0031367.18	P0031367.17	P0031367.16	P0031367.15	P0031367.14	P0031367.13	P0031367.12	P0031367.11	P0031367.10
Inactive	Inactive	Active	Active	Inactive	Inactive	Inactive			Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States	US - United States 8,066,749	US - United States 8,172,877	US - United States 8,128,660	CA - Canada	Patent Office (EPO)	Property Organization (WIPO)	Intellectual	WO - World	IN - India	JP - Japan	AU - Australia 200531664	IL - Israel	KR - Republic of Korea	MX - Mexico	CN - China	US - United States	US - United States
11/304,436	749 11/304,202	877 11/304,404	560 11/304,437	2,590,049	05853807.5	044979	PCT/US2005/		3071/CHENP/ 2007	2007-546816	1664 2005316646	182915	7016201/200 7	MX/a/2007/0 06808	20058004276 5.0	60/717,369	60/687,765
Inter-Cervical Facet Implant With Surface Enhancements	Implant for Stabilizing a Bone Graft During Spinal Fusion	Inter-Cervical Facet Implant With Surface Enhancements	Inter-Cervical Facet Joint Implant With Locking Screw System	Inter-Facet Implant	Inter- Facet Implant	Inter-Facet Implant			/ Inter-Facet Implant	inter-Facet Implant	Inter-Facet Implant	Inter-Facet Implant	Inter-Facet Implant	0 Inter-Facet Implant	6 Inter-Facet Implant	Inter-Cervical Facet Implant With Surface Enhancements	Inter-Cervical Facet Implant With Multiple Direction Articulation Joint and Method for Implanting

P0031398.00-USP1	P0031397.00-USP1	P0031396.00-USU1	P0031395.00-USP1	P0031394.00-USP1	P0031393.00-USP1	P0031392.00-USP1	P0031391.00-USP1	P0031367.30	P0031367.29	P0031367.28	P0031367.27	P0031367.26
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Inactive	Inactive
US - United States	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States 8,118,838	US - United States	US - United States	US - United States	US - United States
60/446,868	60/816,117	11/556,071	60/853,957	60/853,963	60/663,885	60/672,402	60/663,918	11/447,413	11/429,905	11/429,726	11/397,220	11/304,271
SYSTEM AND METHOD FOR IMMOBILIZING ADJACENT SPINOUS PROCESSES	SYSTEM AND METHOD FOR STRENGTHENING A SPINOUS PROCESS	INTERSPINOUS PROCESS IMPLANT HAVING A FIXED WING AND A DEPLOYABLE WING AND METHOD OF	TENSIONER TOOL AND METHOD FOR IMPLANTING AN INTERSPINOUS PROCESS IMPLANT INCLUDING A RINDER	SYSTEMS AND METHODS FOR IN SITU ASSEMBLY OF AN INTERSPINOUS PROCESS DISTRACTION IMPLANT	INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WING AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WINGS AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WING AND METHOD OF IMPLANTATION	Inter-Cervical Facet Implant With Multiple Direction Articulation Joint and Method for Implanting	Inter-Cervical Facet Implant With Implantation Tool	Inter-Cervical Facet Implant With Implantation Tool	Inter-Cervical Facet Implant Distraction Tool	Inter-Cervical Facet Joint Fusion Implant

P0031385.03	P0031385.02	P0031385.01	P0031388.00-USP1	P0031389.00-USP1	P0031387.00-USP1	P0031386.00-USP1	P0031385.00-USP1	P0031401.00-USP1	P0031400.00-USP1	P0031399.00-USP1
Inactive	Inactive	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States 7,476,251	WO - World Intellectual Property Organization (WIPO)	US - United States 7,306,628	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States
11/556,653	PCT/US03/34 061	10/684,847	60/612,465	60/663,922	60/526,215	60/421,915	60/421,921	60/614,180	60/614,172	60/565,971
INTERSPINOUS PROCESS APPARATUS AND METHOD WITH A SELECTABLY EXPANDABLE SPACER	PCT/US03/34 INTERSPINOUS PROCESS APPARATUS AND METHOD 061 WITH A SELECTABLY EXPANDABLE SPACER	INTERSPINOUS PROCESS APPARATUS AND METHOD WITH A SELECTABLY EXPANDABLE SPACER	INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT HAVING A THREAD-SHAPED WING AND METHOD OF IMPLANTATION	METHOD FOR REMEDIATION OF INTERVERTEBRAL DISKS	INTERSPINOUS PROCESS IMPLANT WITH RADIOLUCENT SPACER AND LEAD-IN TISSUE EXPANDER	INTERSPINOUS PROCESS APPARATUS AND METHOD WITH SELECTABLY EXPANDABLE SPACER	INTERSPINOUS IMPLANT WITH A MAGNETIC FORCE ABSORBING MECHANISM AND METHOD OF IMPLANTING THEREOF	INTERSPINOUS IMPLANT WITH A COMPRESSION ABSORBING MECHANISM AND METHOD OF IMPLANTING THEREOF	SYSTEM AND METHOD FOR AN INTERSPINOUS PROCESS IMPLANT AS A SUPPLEMENT TO A SPINE STABILIZATION IMPLANT

EP - European BIORESORBABLE INTERSPINOUS PROCESS P0031387.05 Inactive Patent Office 04812608.0 FOR USE WITH INTERVERTEBRAL DISK REI OR REPLACEMENT IMPLANTS AND PROCE		WO - World Intellectual PCT/US2004/ FOR USE WITH INTERSPINOUS PROCESS P0031387.04 Inactive Property Organization (WIPO)	P0031387.03 Inactive US - United States 10/996,996 METHOD FOR REMEDIATION OF INTERVE	BIORESORBABLE INTERSPINOUS PROCESS P0031387.02 Inactive US - United States 7,481,839 10/995,626 FOR USE WITH INTERVERTEBRAL DISK REI OR REPLACEMENT IMPLANTS AND PROCE	BIORESORBABLE INTERSPINOUS PROCESS P0031387.01 Inactive US - United States 60/526,353 FOR USE WITH INTERVERTEBRAL DISK REI OR REPLACEMENT IMPLANTS AND PROCE	WO - World Intellectual PCT/US03/03 INTERSPINOUS PROCESS IMPLANT WITH PO031386.02 Inactive Property 3778 EXPANDER (WIPO)	INTERSPINOUS PROCESS IMPLANT WITH P0031386.01 Inactive US - United States 10/694,103 RADIOLUCENT SPACER AND LEAD-IN TISSUE EXPANDER	P0031385.04 Active US - United States 7,803,190 11/558,352 WITH A SELECTABLY EXPANDABLE SPACER
	BIORESORBABLE INTERSPINOUS PROCESS IMPLANT FOR USE WITH INTERVERTEBRAL DISK REMEDIATION OR REPLACEMENT IMPLANTS AND PROCEDURES	BIORESORBABLE INTERSPINOUS PROCESS IMPLANT FOR USE WITH INTERVERTEBRAL DISK REMEDIATION OR REPLACEMENT IMPLANTS AND PROCEDURES	METHOD FOR REMEDIATION OF INTERVETEBRAL DISKS	BIORESORBABLE INTERSPINOUS PROCESS IMPLANT FOR USE WITH INTERVERTEBRAL DISK REMEDIATION OR REPLACEMENT IMPLANTS AND PROCEDURES	BIORESORBABLE INTERSPINOUS PROCESS IMPLANT FOR USE WITH INTERVERTEBRAL DISK REMEDIATION OR REPLACEMENT IMPLANTS AND PROCEDURES	'ERSPINOUS PROCESS IMPLANT WITH DIOLUCENT SPACER AND LEAD-IN TISSUE PANDER	ERSPINOUS PROCESS IMPLANT WITH DIOLUCENT SPACER AND LEAD-IN TISSUE PANDER	INTERSPINOUS PROCESS APPARATUS AND METHOD WITH A SELECTABLY EXPANDABLE SPACER

P0031388.13	P0031388.12	P0031388.11	P0031388.10	P0031388.09	P0031388.08	P0031388.07	P0031388.06	P0031388.05	P0031388.04	P0031388.02	P0031388.03	P0031388.01	P0031387.07
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Inactive
MX - Mexico	KR - Republic of Korea	JP - Japan	IN - India	IL - Israel	HK - Hong Kong	EP - European Patent Office (EPO)	CN - China	CA - Canada	AU - Australia	US - United States 7,909,853	WO - World Intellectual Property Organization (WIPO)	US - United States	HK - Hong Kong
		4667465				1804732				7,909,853		•	
MX/a/20070 03406	7009238/200 7	2007-533639	1679/CHENP/ 2007	181978	08100562.0	05798791.9	20058004018 5.8	2,582,527	2005286630	11/095,680	PCT/US2005/ 034057	11/095,440	07100919.1
INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION		INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION	20058004018 INTERSPINOUS PROCESS IMPLANT INCLUDING A 5.8 BINDER AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION	' INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION	BIORESORBABLE INTERSPINOUS PROCESS IMPLANT FOR USE WITH INTERVERTEBRAL DISK REMEDIATION OR REPLACEMENT IMPLANTS AND PROCEDURES

P0031497.03	P0031497.02	P0031497.01	P0031497.00-USU1	P0031491.01	P0031491.00-USU1	P0031389.07	P0031389.06	P0031389.05	P0031389.04	P0031389.03	P0031389.02	P0031389.01	P0031388.14
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Active	Inactive	Inactive	Inactive	Active	Inactive
EP - European Patent Office (EPO)	CN - China	CA - Canada	US - United States	US - United States	US - United States 4,969,888	KR - Republic of Korea	JP - Japan	EP - European Patent Office (EPO)	CN - China	AU - Australia	WO - World Intellectual Property Organization (WIPO)	US - United States 8,147,548	US - United States 8,012,209
			6,048,346	5,108,404	4,969,888		4,861,404	1868537	ZL2006800 08908.0	200622700		8,147,548	8,012,209
98925082.4	98807773.6	2,296,695	08/910,809	07/567,862	07/308,724	7024292/200 7	2008-503136	06739290.2	20068000890 8.0	2006227004	PCT/US06/01 0434	11/378,892	11/668,217
Systems and Methodds for Injecting Flowable Materials Into Bones	Systems and Methodds for Injecting Flowable Materials Into Bones	Systems and Methodds for Injecting Flowable Materials Into Bones	Systems and Methods for Injecting Flowable Materials Into Bones	Surgical Protocol For Fixation of Bone Using Inflatable Device	Surgical Protocol For Fixation of Osteoporotic Bone Using Inflatable Device	INTERSPINOUS PROCESS IMPLANT HAVING A THREAD-SHAPED WING	INTERSPINOUS PROCESS IMPLANT HAVING A THREAD-SHAPED WING	INTERSPINOUS PROCESS IMPLANT HAVING A THREAD-SHAPED WING	20068000890 INTERSPINOUS PROCESS IMPLANT HAVING A 8.0 THREAD-SHAPED WING	INTERSPINOUS PROCESS IMPLANT HAVING A THREAD-SHAPED WING	PCT/US06/01 INTERSPINOUS PROCESS IMPLANT HAVING A 0434 THREAD-SHAPED WING	THREAD-SHAPED WING AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION

P0031391.02	P0031391.01	P0031497.16	P0031497.15	P0031497.14	P0031497.13	P0031497.12	P0031497.11	P0031497.09	P0031497.08	P0031497.07	P0031497.06	P0031497.05	P0031497.04
Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States 7,749,252	US - United States	US - United States	NZ - New Zealand	KR - Republic of Korea	JP - Japan	EP - European Patent Office (EPO)	CN - China	CA - Canada	AU - Australia	US - United States	US - United States	Intellectual Property Organization (WIPO)	JP - Japan WO - World
7,749,252		6,645,213		10-0889414			ZL0181189 7.6				6,719,761		
11/378,108	60/664,076	09/893,298	523,265	10-2002- 7017900	2002-504928	1950451.3	1811897.6	2,413,325	2001271440	60/214,666	09/496,987	PCT/US98/11 098	2000-509362
INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WING AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WING AS AN ADJUNCT TO SPINAL FUSION AND METHOD OF IMPLANTATION	Systems and Methods for Injecting Flowable Materials Into Bones	Systems and Methods for Injecting Flowable Materials Into Bones	Systems and Methods for Injecting Flowable Materials Into Bones	Systems and Methods for Injecting Flowable Materials Into Bones	Systems and Methods for Injecting Flowable Materials Into Bones	Systems and Methods for Injecting Flowable Materials Into Bones	Systems and Methods for Injecting Flowable Materials Into Bones	Systems and Methods for Injecting Flowable Materials Into Bones	Systems and Methods for Injecting Flowable Materials Into Bones	Systems and Methods for Injecting Flowable Materials Into Bones	. Systems and Methods for Injecting Flowable Materials Into Bones	Systems and Methodds for Injecting Flowable Materials Into Bones

		P0031391.04				P0031391.03	
		Inactive				Inactive	
(WIPO)	Organization	Property	Intellectual	WO - World		Inactive US - United States	
	CTOTO	010115	BCT /I ISDOG			11/378,894	
	IMPLANTATION	DEPLOYABLE WING AND METHOD OF	, INTERSPINOUS PROCESS IMPLANT HAVING		FUSION AND METHOD OF IMPLANTATION	11/378,894 DEPLOYABLE WING AS AN ADJUNCT TO SPINAL	INTERSPINOUS PROCESS IMPLANT HAVING

P0031497.17		P0031391.05
Inactive		Inactive
Intellectual Property Organization	WO - World	WO - World Intellectual Property Organization (WIPO)
PCT/US01/20 Systems and Methods for Injecting Flowable 215 Materials Into Bones		DO NOT USE THIS P-NUMBER - DUPLICATE OF PCT/US06/01 31115.10; INTERSPINOUS PROCESS IMPLANT WITH 0521 SLIDE-IN DISTRACTION PIECE AND METHOD OF IMPLANTATION

		(WIPO)		
P0031497.18	Inactive	US - United States 6,814,736 10/016,339	10/016,339	Methods for Injecting Flowable Materials Into Bones
P0031497.19	Inactive	US - United States 7,731,720	10/630,519	Systems and Methods for Injecting Flowable Materials Into Bones
P0031497.20	Inactive	US - United States 7,704,256	11/528,160	Systems and Methods for Injecting Flowable Materials Into Bones
P0031497.21	Inactive	US - United States 7,887,543	11/789,243	Systems and Methods for Injecting Flowable Materials Into Bones
P0031061.73	Inactive	CA - Canada	2,590,650	SPINE DISTRACTION IMPLANT INTERSPINOUS PROCESS IMPLANT HAVING
P0031391.07	Inactive	US - United States	11/825,320	DEPLOYABLE WING AND METHOD OF IMPLANTATION
				IMPLANIATION

P0031532.07	P0031532.06	P0031532.05	P0031532.04	P0031532.03	P0031532.02	P0031532.01	P0031532.00-USU1	P0031061.68-ILU1	P0031061.67-EPU1	P0031061.66	P0031061.65	P0023926.02
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States 7,063,703	WO - World Intellectual Property Organization (WIPO)	NZ - New Zealand	JP - Japan	EP - European Patent Office (EPO)	CA - Canada	AU - Australia	US - United States	IL - Israel	EP - European Patent Office (EPO)	CN - China	CA - Canada	WO - World Intellectual Property Organization (WIPO)
7,063,703		505990	4275854			757259	6,468,279		0959792	97181755.3	2,288,252	
10/227,714	PCT/US99/01 267	505990	2000-528208	99905448.9	2,319,050	25603/99	09/014,229		97954632.2	97181755.3 97181755.3	2,288,252	US07/007815
Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions	L A Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions	A Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions	A Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions	A Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions	A Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions	A Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions	Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions	Do Not Use; See other 31061.68 case Spine Distraction Implant and Method	Please do not docket in this record; Duplicate of 31061.122 Spine Distraction Implant	Spine Distraction Implant and Method	Spine Distraction Implant and Method	Vented Directional Delivery Cannula With Openings 5 of Different Size and Shape For Use With Flowable Materials and Method For Use Thereof

P0031061.67-EPV1	P0031061.67-ITN1	P0031061.67-GBN1	P0031061.67-FRN1	P0031061.67-ESN1	P0031061.67-DEN1	P0031061.67-CHU1	P0031061.67-ATN1	P0031061.64-AUV1	P0031061.70-KRU1	P0031061.69	P0031061.64-AUU1	P0031532.08
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
EP - European Patent Office (EPO)	Ningdom IT - Italy	GB - United	FR - France	ES - Spain	DE - Germany	CH - Switzerland	AT - Austria	AU - Australia	KR - Republic of Korea	JP - Japan	AU - Australia	US - United States
	0959792	0959792		0959792	69738301.6 08	0959792	378010	769208	526168	4126344	741210	
07018876.8	97954632.2	97954632.2		97954632.2	69738301.6 [.] 97954632.2 08	97954632.2	97954632.2	200157755	10-1999- 7006053	2010-530244	199859034	11/471,220
Spine Distraction Implant Please do not docket in this record; Duplicate of 31061.123 Spine Distraction Implant and Method	Spine Distraction Implant Please do not docket in this record; Duplicate of 31061.127	Please do not docket in this record; Duplicate of 31061.126	Duplicate of 31061.124	31061.128 Spine Distraction Implant	Please do not docket in this record; Duplicate of 31061.125 Spine Distraction Implant	Please do not docket in this record; Duplicate of 31061.129 Spine Distraction Implant	Spine Distraction Implant and Method	Please do not docket in this record; Duplicate of 31061.121 Spine Distraction Implant and Method	Spine Distraction Implant	Please do not docket in this record; Duplicate of 31061.146Spine Distraction Implant and Method	Spine Distraction Implant and Method	Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions

P0031393.01	P0031392.08	P0031392.07	P0031392.06	P0031392.05	P0031392.04	P0031392.03	P0031392.02	P0031392.01	P0031061.70-KRV1	P0031061.68-ILV1
Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive
US - United States 7,931,674	KR - Republic of Korea	JP - Japan	EP - European Patent Office (EPO)	CN - China	CA - Canada	AU - Australia	WO - World Intellectual Property Organization (WIPO)	US - United States	KR - Republic of Korea	IL - Israel
7,931,674				ZL2006800 21933.2		200623750 9		7,959,652		
11/377,971	7026778/200 7	2008-507686	06748928.6	20068002193 3.2	2,606,260	2006237509	PCT/US06/01 1623	11/389,002	Closed	162745
INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WING AND METHOD OF IMPLANTATION	INTERSPINOUS DEPLOYABLE W IMPLANTATION	INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WINGS AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WINGS AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WINGS AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WINGS AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WINGS AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WINGS AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WINGS AND METHOD OF IMPLANTATION	Please do not docket in this record; Duplicate of 31061.131 Spine Distraction Implant	An Implant Method for Relieving Pain Associated with Spinal Column and Uses Thereof

P0031398.02	P0031398.01	P0031397.05	P0031397.04	P0031397.03	P0031397.02	P0031397.01	P0031396.01	P0031394.01	P0031394.02
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive
US - United States	US - United States 7,335,203	Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO) WO - World	US - United States 7,862,569	US - United States 7,857,815	US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States 8,097,019	WO - World Intellectual Property Organization (WIPO)
11/866,309	10/774,664	PCT/US07/06 7789	PCT/US07/06 7783	11/737,685	11/737,676	60/853,962	PCT/US07/08 2888	11/874,853	PCT/US07/08 2412
SYSTEM AND METHOD FOR IMMOBILIZING ADJACENT SPINOUS PROCESSES	SYSTEM AND METHOD FOR IMMOBILIZING ADJACENT SPINOUS PROCESSES	SPINOUS PROCESS (This Kyphon PCT matter is being prosecuted inhouse. Coats and Bennett sent the file to us on May 1, 2008 for further handling)	SYSTEM AND METHOD FOR STRENGTHENING A SPINOUS PROCESS SYSTEM AND METHOD FOR STRENGTHENING A	SYSTEM AND METHOD FOR STRENGTHENING A SPINOUS PROCESS	SYSTEM AND METHOD FOR STRENGTHENING A SPINOUS PROCESS	SYSTEM AND METHOD FOR STRENGTHENING A SPINOUS PROCESS	INTERSPINOUS PROCESS IMPLANT HAVING A FIXED WING AND DEPLOYABLE WING AND METHOD OF IMPLANTATION	SYSTEMS AND METHODS FOR IN SITU ASSEMBLY OF AN INTERSPINOUS PROCESS DISTRACTION IMPLANT	SYSTEMS AND METHODS FOR IN SITU ASSEMBLY OF AN INTERSPINOUS PROCESS DISTRACTION IMPLANT

	P0031567 10	P0031567.09	P0031567.08		P0031567.07		P0051367.06	20021567.06	F0051307.03	20021567 05	1000 FOO. 04	D0031567 0/		P0031567 03	PUU31567.U2	70021567 02	P0031567.01	P0031567.00-USU1	P0031399.01	P0031398.03
	Inactive	Inactive	Inactive		Inactive		IIIdcilve	- - -	IIIdctive	-	Hactive	Inactive	Hactive	Inactive	Inactive	- - - -	Inactive	SU1 Inactive	Inactive	Inactive
3	ID - Japan	JP - Japan	ES - Spain	(EPO)	Patent Office	EP - European	DE - Germany		IL - ISI del	50	Callada	CA - Canada	VO - Vasti alla	All - Alictralia	AI - Austria	ΛΤ Λ	WO - World Intellectual Property Organization (WIPO)	US - United States 6,440,138	US - United States	US - United States 7,588,592
			1073371				80	69932610.9-	120,021	120 001	2327702	7377707	0	764518	TU/33/1	1072271		6,440,138	3 7,524,324	3 7,588,592
		2008-209109	99916476.7				999104/0./).	150,051	120 001	2,321,102	7 277 707	04/00/00	3/1788/99	999164/6./	000161767	PCT/US1999/ 007652	09/055,805	11/003,091	11/866,325
Interior Body Regions	Inactive P number - Inadvertently Opened Structures and Methods for Creating Cavities in	Structures and Methods for Creating Cavities in Interior Body Regions	Interior Body Regions	Interior Body Regions Structures and Mathods for Creating Cavities in	Structures and Methods for Creating Cavities in	Inactive P number - Inadvertently Opened	Interior Body Regions	Structures and Methods for Creating Cavities in	Interior Body Regions	Structures and Methods for Creating Cavities in	Interior Body Regions	Structures and Methods for Creating Cavities in	Interior Body Regions	Structures and Methods for Creating Cavities in	Interior Body Regions	Structures and Methods for Creating Cavities in	PCT/US1999/ Structures and Methods for Creating Cavities in 007652 Interior Body Regions	Structures and Methods for Creating Cavities in Interior Body Regions	PROCESS IMPLANT AS A SUPPLEMENT TO A SPINE STABILIZATION IMPLANT	SYSTEM AND METHOD FOR IMMOBILIZING ADJACENT SPINOUS PROCESSES

Hand-Held Instruments That Access Interior Body Regions	2,387,914	ш	CA - Canada	Inactive	P0031593.03
Hand-Held Instruments That Access Interior Body Regions	10932/01	lia	AU - Australia	Inactive	P0031593.02
Hand-Held Instruments That Access Interior Body Regions	PCT/US00/28 728	3 4	WO - World Intellectual Property Organization (WIPO)	Inactive	P0031593.01
Hand-Held Instruments That Access Interior Body Regions	09/421,635	US - United States 7,081,122	US - United	Inactive	P0031593.00-USU1
Structures and Methods for Creating Cavities in Interior Body Regions	11/789,225	US - United States 7,909,827	US - United	Inactive	P0031567.20
Apparatus and method for creating cavities in interior body regions	11/789,226	States	US - United States	Inactive	P0031567.19
Structures and Methods for Creating Cavities in Interior Body Regions	2,583,060	2583060	CA - Canada	Inactive	P0031567.18
Methods and devices for treating fractured and/or diseased bone using an expandable whisk structure	11/527,837	States	US - United States	Inactive	P0031567.17
Structures and Methods for Creating Cavities in Interior Body Regions By Propagation of Energy	11/527,798	States	US - United States	Inactive	P0031567.16
Structures and Methods for Creating Cavities in Interior Body Regions	10/958,944	States	US - United States	Inactive	P0031567.15
Structures and Methods for Creating Cavities in Interior Body Regions	10/208,391	States 6,863,672	US - United States	Inactive	P0031567.14
Structures and Methods for Creating Cavities in Interior Body Regions	P343370		PL - Poland	Inactive	P0031567.13
Interior Body Regions		ealand	NZ - New Zealand	inactive	P0031367.12
Inactive P number - Inadvertently Opened		-	1	-	7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Interior Body Regions					
Structures and Methods for Creating Cavities in		У	NO - Norway	Inactive	P0031567.11
Inactive P number - Inadvertently Opened					

Regions	525451		NZ - New Zealand	Inactive	P0031593.19
Regions	7005729	699366	Korea	Inactive	P0031593.18
Regions Hand-Held Instruments That Access Interior Rody	2006-26/388	4410229	JP - Japan KR - Republic of	Inactive	P0031593.1/
Hand-Held Instruments That Access Interior Body			5		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Hand-Held Instruments That Access Interior Body Regions	01987231.6	1328201	EP - European Patent Office (EPO)	Inactive	P0031593.16
Hand-Held Instruments That Access Interior Body Regions	1817931.2		CN - China	Inactive	P0031593.15
Hand-Held Instruments That Access Interior Body Regions	2,426,699		CA - Canada	Inactive	P0031593.14
Hand-Held Instruments That Access Interior Body Regions	2002239469		AU - Australia	Inactive	P0031593.13
Hand-Held Instruments That Access Interior Body Regions	09/695,566	s 6,575,919	US - United States	Inactive	P0031593.12
Hand-Held Instruments That Access Interior Body Regions	518414	518414	NZ - New Zealand	Inactive	P0031593.11
Hand-Held Instruments That Access Interior Body Regions	527405		NZ - New Zealand	Inactive	P0031593.10
Hand-Held Instruments That Access Interior Body Regions	20021814		NO - Norway	Inactive	P0031593.09
Hand-Held Instruments That Access Interior Body Regions	10-2002- 7005095	699365	KR - Republic of Korea	Inactive	P0031593.08
Hand-Held Instruments That Access Interior Body Regions	2001-531038	3886804	JP - Japan	Inactive	P0031593.07
Hand-Held Instruments That Access Interior Body Regions	2006-267366		JP - Japan	Inactive	P0031593.06
Hand-Held Instruments That Access Interior Body Regions	00972240.6		EP - European Patent Office (EPO)	Inactive	P0031593.05
Hand-Held Instruments That Access Interior Body Regions	815974.2		CN - China	Inactive	P0031593.04

11/982,462 Supplemental Spine Fixation Device and Method 11/958,165 Method of Laterally Inserting an Artificial Vertebral Disk Replacement Implant With Crossbar Spacer
11/789,244 Hand-Held Instruments That Access Interior Body Regions
20071010102 Hand-Held Instruments That Access Interior Body 0.8 Regions
10-2006- Hand-Held Instruments That Access Interior Body 7022555 Regions
This record set up in error. Hand-Held Instruments That Access Interior Body Regions
05109442.0 HAND-HELD INSTRUMENTS THAT ACCESS INTERIOR BODY REGIONS
3103949.3 Hand-Held Instruments That Access Interior Body Regions
10/431,681 Hand-Held Instruments That Access Interior Body Regions
Regions Hand-Held Instruments That Access Interior Body Regions
See 31593.09; this record is a duplicate and has b 20020000018 inactivated Hand-Held Instruments That Access Interior Body
PCT/US2001/ Hand-Held Instruments That Access Interior Body 046006 Regions
This record set up in error Hand-Held Instruments That Access Interior Body Regions

P0031752.17	P0031752.16	P0031752.15	P0031752.13 P0031752.14	P0031752.12	P0031752.11	P0031/52.09 P0031752.10	P0031752.08	P0031752.07	P0031752.05	P0031752.04	P0031752.03	P0031752.02	P0031752.01	P0031752.00-USP1	P0031395.01
Inactive	Inactive	Inactive	Inactive Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
KR - Republic of Korea	JP - Japan	EP - European Patent Office (EPO)	CA - Canada CN - China	AU - Australia	US - United States	NZ - New Zealand HK - Hong Kong	KR - Republic of Korea	JP - Japan	EP - European Patent Office (EPO)	CN - China	CA - Canada	AU - Australia	US - United States	US - United States	US - United States
10-1179856					7,815,649	521800	10-0882365		1272113	ZL0181077 2.9		200125318 3	8,092,480		
10-2006- 7026408		05748260.6	2,567,381 20058002370 4	2005262796	10/848,514	04100480.3	10-2002- 7013467	2001-574016	01926662.6	01810772.9	2,405,281	2001253183	09/828,470	60/195,207	11/874,862
Insertion Devices and Methods of Use	See 31752.22; Insertion Devices and Methods of Use	Insertion Devices and Methods of Use	Insertion Devices and Methods of Use See 31752.21; Insertion Devices and Methods of Use	Insertion Devices and Methods of Use	Insertion Devices and Methods of Use	Insertion Devices and Methods of Use	Insertion Devices and Methods of Use	Insertion Devices and Methods of Use	Insertion Devices and Methods of Use	TENSIONER TOOL AND METHOD FOR IMPLANTING AN INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER					

P0031798.08	P0031798.07	P0031798.06	P0031798.05	P0031798.04	P0031798.03	P0031798.02	P0031798.01	P0031798.00-USU1	P0031752.20	P0031752.19	P0031752.18
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States	US - United States	US - United States 6,899,719	US - United States	US - United States	US - United States 6,248,110	US - United States 6,235,043	US - United States	US - United States	KR - Republic of Korea	AU - Australia	WO - World Intellectual Property Organization (WIPO)
7,044,954		6,899,719			6,248,110	6,235,043	5,827,289			200620308 6	
09/884,365	09/811,336	09/754,451	08/986,876	08/911,805	08/871,114	08/788,786	08/659,678	08/188,224	10-2007- 7022239	2006203086	PCT/US05/01 6654
Method for treating a vertebral body	Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	SYSTEMS AND METHODS FOR TREATING FRACTURED OR DISEASED BONE USING EXPANDABLE BODIES	SYSTEMS AND METHODS USING EXPANDABLE BODIES TO PUSH APART CORTICAL BONE SURFACES	STERILE KIT FOR HOLDING A SINGLE USE, EXPANDABLE STRUCTURE INTENDED FOR DEPLOYMENT IN BONE	SYSTEMS AND METHODS FOR TREATING FRACTURED OR DISEASED BONE USING EXPANDABLE BODIES	FRACTURED OR DISEASED BONES INFLATABLE DEVICE FOR USE IN SURGICAL PROTOCOL RELATING TO FIXATION OF BONE	INFLATABLE DEVICE FOR USE IN SURGICAL PROTOCOLS RELATING TO TREATMENT OF	Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Insertion Devices and Methods of Use	Insertion Devices and Methods of Use	Insertion Devices and Methods of Use

Systems and Methods Using Expandable Bodies to Push Apart Adjacent Vertebral Bodies	11/656,158	US - United States	Inactive	P0031798.19
Method for Treating a Bone	11/366,652	US - United States 7,682,364	Inactive	P0031798.18
See 31798.139 for active record; all docketing should take place in 31798.139. Vertebral body having an altered native cancellous bone volume and related treatment methods	11/214,652	US - United States	Inactive	P0031798.17
Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	11/199,715	US - United States	Inactive	P0031798.16
Systems and Methods for Treating Fractured or Diseased Bone Using Expandable Bodies	10/958,600	US - United States	Inactive	P0031798.15
DEVICES AND METHODS USING AN EXPANDABLE BODY WITH INTERNAL RESTRAINT FOR COMPRESSING CANCELLOUS BONE	10/863,727	US - United States 7,241,303	Inactive	P0031798.14
IMPROVED INFLATABLE DEVICE FOR USE IN SURGICAL PROTOCOL RELATING TO FIXATION OF BONE	10/747,547	US - United States 6,981,981	Inactive	P0031798.13
Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	10/747,558	US - United States	Inactive	P0031798.12
Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	10/200,674	US - United States 6,663,647	Inactive	P0031798.11
SYSTEMS AND METHODS USING EXPANDABLE BODIES TO PUSH APART CORTICAL BONE SURFACES	10/010,576	US - United States 7,166,121	Inactive	P0031798.10
Devices and methods using an expandable body with internal restraint for compressing cancellous bone	10/054,736	US - United States	Inactive	P0031798.09

P0031798.29	P0031798.28	P0031798.27	P0031798.26	P0031798.25	P0031798.24	P0031798.23	P0031798.22	P0031798.21	P0031798.20
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States 6979341
11/528,165	11/527,955		11/527,953	11/527,952	11/527,859	11/450,337	11/450,264	11/299,172	09/837,350
inactivated Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	See 31097.18; this matter is a duplicate and has been inactivated Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone See 31097.25; this matter is a duplicate and has been	duplicate of 31097.122	See 31097.24; this matter is a duplicate and has been inactivated Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	See 31097.22; this matter is a duplicate and has been inactivated Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	See 31097.21; this matter is a duplicate and has been inactivated Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Cavity Formation Device	Cavity Formation Device	Expandable Preformed Structures for Deployment in Interior Body Regions	See 31798.153; this record is a duplicateEXPANDABLE PREFORMED STRUCTURES FOR DEPLOYMENT IN INTERIOR BODY REGIONS

P0031886.02	P0031886.01	P0031886.00-USU1	P0031885.02	P0031885.01	P0031885.00-USP1	P0031882.00-USD1	P0031879.00-USD1	P0031871.01	P0031871.00-USD1	P0031798.31	P0031798.30
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
CA - Canada	WO - World Intellectual Property Organization (WIPO)	US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States	US - United States D469,871	US - United States D467,657	US - United States D449,691	US - United States D439,980	US - United States	US - United States
2,457,128	PCT/US02/28 802	09/952,014	PCT/US02/11 833	10/123,869	60/283,990	29/153,831	29/152,747	29/131,575	29/112,548	11/977,532	11/656,158
Systems and Methods for Accessing and Treating Diseased or Fractured Bone Employing a Guide Wire	3 Systems and Methods for Accessing and Treating Diseased or Fractured Bone Employing a Guide Wire	Systems and Methods for Accessing and Treating Diseased or Fractured Bone Employing a Guide Wire	Insertion Devices and Method of Use	Insertion Devices and Method of Use	Insertion Devices and Method of Use	Hand Held Surgical Instrument	Hand Held Surgical Instrument	Hand-Held Surgical Instrument	Hand-Held Surgical Instrument	Systems and Methods for Treating Bone Using Expandable Bodies	See 31798.19 (010-0002US29); this record is a duplicate Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone

P0031886.03	Inactive	CN - China	2,817,763	Systems and Methods for Accessing and Treating Diseased or Fractured Bone Employing a Guide Wire
P0031886.04	Inactive	EP - European Patent Office (EPO)	2757673.5	Systems and Methods for Accessing and Treating Diseased or Fractured Bone Employing a Guide Wire
P0031886.05	Inactive	KR - Republic of Korea	7003654/200 4	7003654/200 Systems and Methods for Accessing and Treating Diseased or Fractured Bone Employing a Guide Wire
P0031886.06	Inactive	JP - Japan	2003-526297	Systems and Methods for Accessing and Treating Diseased or Fractured Bone Employing a Guide Wire
P0031886.07	Inactive	MX - Mexico	PA/a/2004/0 02284	Systems and Methods for Accessing and Treating Diseased or Fractured Bone Employing a Guide Wire
P0031918.00-USP1	Inactive	US - United States	60/480,677	Systems and Methods for Deflating and Inflating Inflatable Bodies
P0031918.01	Inactive	US - United States	10/872,186	Systems and Methods for Deflating and Inflating Inflatable Bodies
P0031920.00-USD1	Inactive	US - United States D472,323	29/154,249	Hand-Held Mixer for Flowable Materials
P0031920.01 P0031920.02 P0031920.03 P0031920.04	Active Inactive Active Active	DE - Germany 4023619 BX - Benelux 35129-00 CH - Switzerland 128,807 FR - France 689610/5	40203619.0 79383-00 128,807 22703	Hand-Held Mixer for Flowable Materials
P0031961.00-USD1	Inactive	US - United States D482,787	29/166,824	Hand Held Surgical Instrument
P0022388.06	Inactive	KR - Republic of Korea	7012134/08	Intervertebral Prosthetic Device for Spinal Stabilization and Method of Implanting Same
P0031980.00-USD1	Inactive	US - United States D483,495	29/131,642	Hand-Held Mixer for Flowable Materials
P0031982.00-USD1	Inactive	US - United States D490,159	29/168,640	Hand-Held Mixer for Flowable Materials

P0031391.15	P0031391.14		P0031391.13		P0031391.12			P0031391.11			P0031391.10			P0031391.09			P0031391.08		P0031988.00-USD1		P0031986.00-USD1	P0031985.00-USD1	P0031984.00-USD1	
Inactive	Active		Inactive		Inactive			Active			Active			Inactive			Inactive		Inactive		Inactive	Inactive	Inactive	
KR - Republic of Korea	JP - Japan		IN - India		IL - Israel		(EPO)	Patent Office	EP - European		CN - China			CA - Canada			AU - Australia		US - United States		US - United States	US - United States	US - United States D492,032	
	4837026							1861046		136.2	200680009	ZL							D512,506		D495,417	D492,775	D492,032	
10-2007- 7024296	2008-503077		4656/CHENP/ 2007		183126			06739054.2		0.2	20000000213	3006800001 3		2,599,459			2006227185		29/190,192		29/175,901	29/175,874	29/175,875	
INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WING AND METHOD OF IMPLANTATION	DEPLOYABLE WING AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT HAVING		IMPLANTATION	DEPLOYABLE WING AND METHOD OF	INTERSPINOUS PROCESS IMPLANT HAVING	IMPLANTATION	DEPLOYABLE WING AND METHOD OF	INTERSPINOUS PROCESS IMPLANT HAVING	IMPLANTATION	DEPLOYABLE WING AND METHOD OF	INTERSPINOUS PROCESS IMPLANT HAVING	IMPLANTATION	DEPLOYABLE WING AND METHOD OF	INTERSPINOUS PROCESS IMPLANT HAVING	IMPLANTATION	DEPLOYABLE WING AND METHOD OF	INTERSPINOUS PROCESS IMPLANT HAVING	In Interior Body Regions	Hand Held Surgical Instrument For Creating Cavities	Slip-Fit Handle for Hand Held Surgical Instruments	Impact Handle for Hand Held Surgical Instruments	Impact Handle for Hand Held Surgical Instruments	

P0031798.35	P0031798.34	P0031798.33	P0031798.32	P0031115.14	P0031115.13	P0031115.12	P0031115.11	P0031115.10	P0031391.16
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States 6,423,083	US - United States	US - United States 6,066,154	US - United States	KR - Republic of Korea	JP - Japan	EP - European Patent Office (EPO)	CN - China	WO - World Intellectual Property Organization (WIPO)	MX - Mexico
6,423,083		6,066,154		10-1221274	4865784				
09/059,796	08/799,832	08/792,934	08/485,394	10-2007-	2008-503171	06739348.8	20068000903 2.1	PCT/US06/01 0521	MX/a/2007/0 11618
INFLATABLE DEVICE FOR USE IN SURGICAL PROTOCOL RELATING TO FIXATION OF BONE	INFLATABLE DEVICE FOR USE IN SURGICAL PROTOCOL RELATING TO TREATMENT OF FRACTURE OF DISEASES BONE	INFLATABLE DEVICE FOR USE IN SURGICAL PROTOCOL RELATING TO FIXATION OF BONE	INFLATABLE DEVICE FOR USE IN SURGICAL PROTOCOLS RELATING TO TREATMENT OF FRACTURED OR DISEASED BONE	IMPLANTATION INTERSPINOUS PROCESS IMPLANT WITH SLIDE-IN DISTRACTION PIECE AND METHOD OF IMPLANTATION		INTERSPINOUS PROCESS IMPLANT WITH SLIDE-IN DISTRACTION PIECE AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT WITH SLIDE-IN B DISTRACTION PIECE AND METHOD OF IMPLANTATION	INTERSPINIOUS PROCESS IMPLANT WITH SLIDE-IN DISTRACTION PIECE AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WING AND METHOD OF IMPLANTATION

P0032010.04	P0032010.03	P0032010.02	P0032010.01	P0032010.00-USU1	P0031798.42	P0031798.62	P0031798.41	P0031798.40	P0031798.39	P0031798.38	P0031798.37	P0031798.36
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States 8,034,071	US - United States 7,156,861	US - United States 6,623,505	US - United States 6,280,456	US - United States 5,972,015	US - United States 7,261,720	NO - Norway	US - United States	US - United States	US - United States	US - United States	US - United States 7,261,720	US - United States
11/527,861	10/436,551	09/918,942	09/404,662	08/911,827	10/265,922	19963115	11/827,120	11/528,163	10/458,235	10/411,573	10/265,922	10/044,843
Systems and Methods for Forming A Cavity In Cancellous Bone	Expandable Structures for Deployment in Interior Body Regions	Expandable Structures for Deployment in Interior Body Regions	Methods for Treating Bone	Expandable, Asymmetric Structures for Deployment in Interior Body Regions	See 31/98.37 (010-00020519); this record is a duplicate and has been inactivated Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone	Systems and Methods for Removing Tissue from a Cancellous Bone Volume	See 31798.138 (010-0002US11); this record was a duplicate and has been inactivated Inflatable device for use in surgical protocols relating to treatment of fractured or diseased bone	Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	INFLATABLE DEVICE FOR USE IN SURGICAL PROTOCOL RELATING TO FIXATION OF BONE	Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone

P0031798.58	P0031798.57	P0031798.56	P0031798.55	P0031798.54	P0031798.53	P0031798.52	P0031798.51	P0031798.50	P0031798.49	P0031798.48	P0031798.47	P0031798.46	P0031798.45	P0031798.43
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
CA - Canada	CH - Switzerland	DE - Germany	EP - European Patent Office (EPO)	EP - European Patent Office (EPO)	EP - European Patent Office (EPO)	DE - Germany	FR - France	FR - France	GB - United Kingdom	GB - United Kingdom	IT - Italy	IT - Italy	JP - Japan	ES - Spain
2,180,556	1464293	69534156.:	0741547	1464293		69535492.2 ⁻ 08	0741547	1464293	0741547	1464293	0741547	1464293	3333211	1464293
2,180,556	04076935.8	69534156.1 95908122.5	95908122.5	04076935.8	04077703.9	^{2.} 04076935.8	95908122.5	04076935.8	95908122.5	04076935.8	95908122.5	04076935.8	1995-520152	04076935.8
Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone

P0031798.73	P0031798.72	P0031798.71		P0031798.70		P0031798.69	P0031798.68	P0031798.67	P0031798.66	P0031798.65	P0031798.64	P0031798.63	P0031798.61	P0031798.60	P0031798.59
Inactive	Inactive	Inactive		Inactive		Inactive	Inactive	Inactive	Inactive						
BE - Belgium	CA - Canada	DE - Germany	(EPO)	Patent Office	EP - European	FR - France	GB - United Kingdom	IT - Italy	JP - Japan	JP - Japan	WO - World Intellectual Property Organization (WIPO)	KR - Republic of Korea	NZ - New Zealand	RU - Russian Federation	AU - Australia
0836435	2222144	69633286.8 ⁻		0836435		0836435	0836435	0836435				0355207	279,442	2147213	702330
96921483.2	2222144	^{3.} 96921483.2		96921483.2		96921483.2	96921483.2	96921483.2	9-502094	2004-341300	PCT/US95/01 011	96-704019	279,442	96117032	16073/95
Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Expandable Devices for Treatment of Fractured or Diseased Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Diseased Bone		Device with an Inflatable Balloon for Use in Surgical	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone

P0031798.75 Inactive SG - Singapore 48681 9705483-7 Improved Inflatable Device for Use in Surgical P0031798.76 Inactive NZ - New Zealand 311,383 311,383 to Fixation of Bone WO - World Intellectual PCT/US1996/ Protocols Relating to Treatment of Fractured or	Improved Inflatable Device for Use in Surgical P0031798.74 Inactive AU - Australia 713014 62700/96 Protocols Relating to Treatment of Fractured or
	Inactive SG - Singapore 48681 9705483-7 Inactive NZ - New Zealand 311,383 311,383 WO - World Intellectual PCT/US1996/

P0031798.104	P0031798.103	P0031798.102	P0031798.101	P0031798.100	P0031798.99	P0031798.98	P0031798.97	P0031798.95	P0031798.94	P0031798.93	P0031798.92	P0031798.91	P0031798.90	P0031798.89	P0031798.88	P0031798.87
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
NZ - New Zealand	NZ - New Zealand	NZ - New Zealand	NZ - New Zealand	NZ - New Zealand	NZ - New Zealand	PL - Poland	SG - Singapore	SK - Slovakia	AU - Australia	CA - Canada	CN - China					
501,338	513,473	513,472	513,471	513,469	513,470		69524		752440	200232372	200232373				2,292,521	3.8
501,338	513,473	513,472	513,471	513,469	513,470	P337780	9905850-5	PV 1677-99	77212/98	2002323726	2002323730	2002323731	2002323729	2002323727	2,292,521	98805973.8
System for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Uisng Expandable Bodies	Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Systems for Treating Fractured or diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Using Expandable Bodies

P0031798.114			P0031798.113			P0031798.112			P0031/98.111		P0031/98.110	70021708 110		P0031798.109		PUU31/98.1U8	70071708 100		P0031798.107			PUU31/96.1U0	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	P0031798.105
Inactive			Inactive			Inactive			Inactive	:	inactive	5		Inactive		Inactive	- - - -		Inactive			IIIdctive	- - -	Inactive
Intellectual Property Organization (WIPO)	WO - World		JP - Japan	(WIPO)	Organization	Property	Intellectual	WO - World	JP - Japan	; -	JP - Japan	- - - - - - - - - - - - - - - - - - -	of	People's Republic	KP - Korea,	VN - Vietnam	V/NI V/internal	Organization (WIPO)	Property	Intellectual	WO - World	Korea	KR - Republic of	NO - Norway
			4292081						4023691		4493629	00000		35961								391,043		
PCT/US2002/ 036320			2003-559380		1	940	PCT/11S98/25		2005-195467		271512	7006 715178		99-1029		TIOTEGETS	510001011		386	PCT/US98/11		7011623	10-1999-	19995988
Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone		Bone		Devices and Methods Using an Expandable Body		to Fixation of Bone	PCT/HS98/25 Inflatable Device for Use in Surgical Protocol Relating		Using Expandable Bodies	Systems and Treating Fractured or Diseased Bone	Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone		Systems and Treating Fractured or Diseased Bone Using Expandable Bodies		Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone	-	Using Expandable Bodies	PCT/US98/11 Systems for Treating Fractured or Diseased Bone		Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies

P0031798.125	P0031798.124	P0031798.123	P0031798.122	P0031798.121	P0031798.120	P0031798.119	P0031798.118	P0031798.117	P0031798.116	P0031798.115
Inactive	Inactive	Inactive	Inactive	Inactive						
FR - France	GB - United Kingdom	IT - Italy	EP - European Patent Office (EPO)	DE - Germany	CN - China	CH - Switzerland	CA - Canada	TR - Turkey	AT - Austria	KR - Republic of Korea
1463464	1463464	1463464	1463464	60220716.5	ZL0282850 1.8	1463464	2472594	TR2007061 85T4	1463464	10-0959444
2793920.6	2793920.6	2793920.6	02793920.6	60220716.9 2793920.6	02828501.8	2793920.6	2472594	2793920.6	387164	10-2004- 7010850
Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone	Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone	Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone	Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone	Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone	Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone	Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone	Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous	Devices and Methods Using an Expandable Body With Internal Restraint For Compressing Cancellous Bone	Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Rone	Device and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone

P0032056.02	P0031798.134	P0032056.01	P0031798.133	P0031798.132	P0032056.00-USU1	P0031798.131	P0031798.130	P0031798.129	P0031798.128	P0031798.127	P0031798.126	P0031798.44
Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States 7,160,020	KR - Republic of Korea	US - United States	HK - Hong Kong	HK - Hong Kong	US - United States	HK - Hong Kong	HK - Hong Kong	KR - Republic of Korea	EP - European Patent Office (EPO)	wo - world Intellectual Property Organization (WIPO)	EP - European Patent Office (EPO)	ES - Spain
7,160,020	10-0663208	•			·	1070265	05102839.6	500868			1463463	1463464
11/409,776	10-2005- 7024105	60/243,195	05106086.7	05105306.3	09/980,648	05102840.3	05102839.6 05102839.6	10-2004- 7006517	04075744.5	PCT/US02/34 142	02773895.4	02793920.6
Methods for Mixing and Transferring Flowable Materials	Systems and Treating Fractured or Diseased Bone Using Expandable Bodies	Systems and Methods for Mixing and Dispensing Flowable Materials	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems and Methods for Mixing and Transferring Flowable Materials	Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Inflatable Device for Use in Surgical Protocols Relating to Treatment of Fractured or Diseased Bone	Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	PCT/US02/34 Inflatable Device for Use in Surgical Protocol Relating 142 to Fixation of Bone	Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone

P0031061.77	P0031061.76	P0031061.75	P0031061.74	P0031061.72	P0032056.13	P0032056.12	P0032056.11	P0032056.10	P0032056.09	P0032056.08	P0031798.136	P0032056.07	P0032056.06	P0032056.05	P0032056.04	P0032056.03
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	5 Inactive	Inactive	Inactive	Inactive	Inactive	Active
CN - China	CA - Canada	AU - Australia	CA - Canada	CA - Canada	NZ - New Zealand	Korea		CN - China	CA - Canada	AU - Australia	CA - Canada	EP - European Patent Office (EPO)	HK - Hong Kong	WO - World Intellectual Property Organization (WIPO)		US - United States 7,278,778
173181	2307878	750662		2594661			4173991						1062817		o,	s 7,278,778
98811736.3	2,307,878	199913624	2584388	2,594,661	525,489	7005811	2002-537419	1818005.1	2,426,691	2002225867	2,595,035	01988621.7	4105602.5	PCT/US01/04 6051		11/651,164
Spine Distraction Implant and Method	Systems and Methods for Mixing and Transferring Flowable Materials	Systems and Metriods for Mixing and Transferring Flowable Materials		Systems and Methods for Mixing and Transferring Flowable Materials	Systems and Methods for Mixing and Transferring Flowable Materials	Systems and Methods for Mixing and Transferring Flowable Materials	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems and Methods for Mixing and Transferring Flowable Materials	Systems and Methods for Mixing and Transferring Flowable Materials	 Systems and Methods for Mixing and Transferring Flowable Materials 	Systems, Methods and Kits for Mixing and Transferring Flowable Materials	Methods for Mixing and Transferring Flowable Materials				

P0031034.02	P0026978.00-USU1	P0031061.78-ITN1	P0031061./8-GBN1		P0031061.78-FRN1		P0031061.78-ESN1		P0031061.78-DEN1		P0031061.78-CHU1	P0031061.78-ATN1	P0031061.81	P0031061.80	P0031061.79	P0031061.78-EPU1	
Active	Active	Inactive	Inactive		Inactive		Inactive		Inactive		Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	
EP - European Patent Office (EPO)	US - United States	IT - Italy	Kingdom	GB - United	FR - France		ES - Spain		DE - Germany		CH - Switzerland	AT - Austria	(EPO) KR - Republic of Korea	EP - European Patent Office	(EPO) JP - Japan	EP - European Patent Office	
1931399	8,840,592	1030615	1030615		1030615		1030615	6	69838851.8		1030615	380510	614673		4168311	1030615	
06776621.2	12/046,856	98957346.4	9895/346.4		98957346.4		98957346.4		3· 98957346.4		98957346.4	98957346.4	10-2000- 7004546	07019046.7	2000-517665	98957346.4	
Bone Cement Composition and Method of Making the Same	PISTON FOR MATERIAL DELIVERY SYSTEM	31061.136 Spine Distraction Implant	31061.135 Spine Distraction Implant Please do not docket in this record; Duplicate of	Please do not docket in this record; Duplicate of	31061.133	Spine Distraction Implant Please do not docket in this record; Duplicate of	31061.137	Spine Distraction Implant Please do not docket in this record; Duplicate of	Please do not docket in this record; Duplicate of 31061.134	Spine Distraction Implant	Please do not docket in this record; Duplicate of 31061.138	Spine Distraction Implant	Spine Distraction Implant	Spine Distraction Implant	Spine Distraction Implant Spine Distraction Implant	Please do not docket in this record; Duplicate of 31061.132	

P0032150.07	P0032150.08	P0032150.09	P0032150.10	P0032150.11	P0032150.12	P0032150.00-USP1	P0031030.03-LIN1	P0031030.03-ITN1	P0031030.03-GBN1	P0031030.03-FRN1	P0031030.03-ESN1	P0031030.03-DEU1	P0031030.03-CHU1	P0031798.141	P0031034.03
Inactive	Inactive	Inactive	Inactive	Active	Inactive	Active	Inactive	Inactive	Inactive						
EP - European Patent Office (EPO)	IL - Israel	JP - Japan	KR - Republic of Korea	MX - Mexico	HK - Hong Kong	US - United States	LI - Liechtenstein	IT - Italy	GB - United Kingdom	FR - France	ES - Spain	DE - Germany	CH - Switzerland	US - United States	CN - China
		4555293	10-1132644	264254			1511521	1511521	1511521	1511521	2304515	50309585.0 ⁻	1511521		ZL2006800 31445.X
04778454.1	173842	2006-525324	10-2006- 7004291	PA/a/2006/0 02541	06112584.1	60/499,934	03735389.3	03735389.3	03735389.3	03735389.3	03735389.3	03735389.3	03735389.3	11/450,337	2006800314 5.X
Devices for Creating Voids in Interior Body Regions and Related Methods	Devices for Creating Voids in Interior Body Regions and Related Methods	Devices for Creating Voids in Interior Body Regions and Related Methods	Devices for Creating Voids in Interior Body Regions and Related Methods	Devices for Creating Voids in Interior Body Regions and Related Methods	Devices for Creating Voids in Interior Body Regions and Related Methods	Mechanical Devices for Creating Cavities in Interior Body Regions and Related Methods	Strontium-Apatite-Cement-Preparations and the Use Thereof	inactivated Cavity Formation Device	20068003144 Bone Cement Composition and Method of Making 5.X the Same See 31798.23; this matter is a duplicate and has been						

P0032193.01	P0032191.04	P0032191.03	P0032191.02	P0032191.01	P0032191.00-USP1	P0032150.01	P0032150.02	P0032150.03	P0032150.04	P0032150.05	P0032150.06
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States	EP - European Patent Office (EPO)	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States	US - United States	US - United States	US - United States 6,923,813	WO - World Intellectual Property Organization (WIPO)	AU - Australia	CA - Canada 2,537,048	CN - China
11/384,514	06773256.0	PCT/US06/02 3327	11/250,618	11/250,617	60/696,787	10/893,155	10/892,824	PCT/US04/02 2950	2004270128	2,537,048	Duplicate
Retractable Cannula and Method for Minimally Invasive Medical Procedure	Balloon Assisted Apparatus and Method for Accessing an Intervertebral Disc	Balloon Assisted Apparatus and Method for Accessing an Intervertebral Disc	Method of Manufacturing an Expandable Member with Substantially Uniform Profile	Balloon Assisted Apparatus and Method for Accessing an Intervertebral Disc	Balloon Assisted Apparatus and Method for Accessing an Intervertebral Disc	Devices for Creating Voids in Interior Body Regions and Related Methods	Devices for Creating Voids in Interior Body Regions and Related Methods	Duplicate of P32150.14 - Devices for Creating Voids in Interior Body Regions and Related Methods	Devices for Creating Voids in Interior Body Regions and Related Methods	Devices for Creating Voids in Interior Body Regions and Related Methods	Duplicate of P32150.13 - Devices for Creating Voids in Interior Body Regions and Related Methods

P0032198.05	P0032198.04	P0032198.03	P0032198.02	P0032198.01	P0032198.00-USU1	P0032196.02	P0032196.01	P0032196.00-USU1	P0032195.02	P0032195.00-USU1	P0032193.03
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
KR - Republic of Korea	JP - Japan	CN - China	Patent Office (EPO)	WO - World Intellectual Property Organization (WIPO) EP - European	US - United States 8,187,327	EP - European Patent Office (EPO)	WO - World Intellectual Property Organization (WIPO)	US - United States	EP - European Patent Office (EPO)	US - United States	EP - European Patent Office (EPO)
10-2007- 7029450	2008-512450	20068001688 4.3	06759965.4	PCT/US06/01 8984	11/131,345	06737678.0	PCT/US06/00 8521	11/095,613	06751354.9	11/124,387	06773255.2
Selectively-Expandable Bone Scaffold	Selectively -Expandable Bone Scaffold	Apparatus Having at Least One Actuable Planar Surface and Method Using the Same for a Spinal Procedure	Apparatus Having at Least One Actuable Planar Surface and Method Using the Same for a Spinal Procedure	Apparatus Having at Least One Actuable Planar Surface and Method Using the Same for a Spinal Procedure	Minimally Invasive Apparatus and Method for Treatment of a Tumor Associated with a Bone	Minimally Invasive Apparatus and Method for Treatment of a Tumor Associated with a Bone	Retractable Cannula and Method for Minimally Invasive Medical Procedure				

Expandable Preformed Structures for Deployment in Interior Body Regions	09/088,459	v	US - United States	Inactive	P0031798.142
Low-Compliance Expandable Medical Device	06760296.1		EP - European Patent Office (EPO)	Active	P0032205.05
Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	1999901107	1570	EA - Eurasian Patent Organization (EAPO)	Inactive	P0031798.137
Low-Compliance Expandable Medical Device	PCT/US06/01 9900		WO - World Intellectual Property Organization (WIPO)	Inactive	P0032205.04
Low-Compliance Expandable Medical Device	11/438,692	•	US - United States	Inactive	P0032205.03
See 31798.22; this matter is a duplicate and has been inactivated Vertebral Body Having an Altered Native Cancellous Bone Volume and Related Treatment Methods	11/450,264	·	US - United States	Inactive	P0031798.140
Bone Probe Apparatus and Method of Use	11/438,683	٠	US - United States	Inactive	P0032205.02
Low-Compliance Expandable Medical Device	11/438,693	7,955,339	US - United States	Active	P0032205.01
Low-Compliant Expandable Medical Device	60/683,803	•	US - United States	Inactive	P0032205.00-USP1
Vertebral Body Having an Altered Native Cancellous Bone Volume and Related Treatment Methods	11/214,652	ů,	US - United States	Inactive	P0031798.139
Inflatable Device for Use in Surgical Protocols Relating to Treatment of Fractured or Diseased Bone	10/458,235	•	US - United States	Inactive	P0031798.138

P0032208.03	P0031798.154	P0032208.01	P0031798.153	P0031798.152	P0031798.151	P0031798.150	P0031798.149	P0031798.148	P0031798.147	P0031798.146	P0031798.145	P0031798.144	P0031798.143
Active	Inactive	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
EP - European Patent Office (EPO)	AU - Australia	US - United States	US - United States 6,979,341	US - United States 6,719,773	US - United States	WO - World Intellectual Property Organization (WIPO)	NZ - New Zealand	NO - Norway	JP - Japan	IL - Israel	EP - European Patent Office (EPO)	CA - Canada	AU - Australia
1901654		s 7,383,639	s 6,979,341	s 6,719,773	s 6,607,544		508401		4393706	140,013	1083836	2333761	756969
06774578.6	2003203814	11/449,854	09/837,350	09/595,963	09/420,529	PCT/US99/12 120	508401	20006089	2000-551679	140,013	99955201.1	2,333,761	43250/99
Measurement Instrument For Percutaneous Surgery	Expandable Preformed Structures for Deployment in Interior Body Regions	Measurement Instrument For Percutaneous Surgery	Expandable Preformed Structures for Deployment in Interior Body Regions	See 31798.187; this matter is a duplicate record Expandable Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions

P0032210.04	P0032210.03	P0032210.02	P0032210.01	P0032210.00-USP1	P0031798.157	P0032208.08	P0031798.156	P0032208.07	P0032208.06	P0032208.05	P0031798.155	P0032208.04
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Active	Inactive	Inactive	Active
EP - European Patent Office (EPO)	WO - World Intellectual Property Organization (WIPO)	US - United States	KR - Republic of Korea	US - United States	JP - Japan	CN - China	CA - Canada	US - United States	AU - Australia			
						10-1307674	7,722,624	4512160	ZL 200680025 363.4			
06774579.4	PCT/US06/02 6596	11/450,878	11/450,874	60/697,536	11/299,172	10-2008- 7003267	10/784,392	2008-521476	20068002536 3.4	2,612,622	10/617,895	2006269829
Apparatus and Methods of Tissue Removal Within a Spine	PCT/US06/02 Apparatus and Methods of Tissue Removal Within a 6596 Spine	Apparatus and Methods of Tissue Removal Within a Spine	Apparatus and Methods of Tissue Removal Within a Spine	Apparatus and Methods of Tissue Removal Within a Spine	See 31798.21; this record is a duplicate and has been inactivated Expandable Preformed Structures For Deployment in Interior Body Regions	Measurement Instrument For Percutaneous Surgery	Expandable Structures for Deployment in Interior Body Regions	2008-521476 Measurement Instrument For Percutaneous Surgery	Measurement Instrument For Percutaneous Surgery	Measurement Instrument For Percutaneous Surgery	Expandable Preformed Structures for Deployment in Interior Body Regions	Measurement Instrument For Percutaneous Surgery

P0032217.00-USU1	P0032219.02	P0032219.01	P0032219.00-USP1	P0032218.02	P0032218.01	P0032218.00-USU1	P0032216.01	P0032216.00-USU1	P0031798.158
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States	WO - World Intellectual Property Organization (WIPO)
11/448,975	PCT/US07/07 4808	11/830,294	60/834,284	PCT/US07/07 6879	11/511,531	11/511,529	PCT/US07/06 2956	11/369,846	PCT/US00/41 366
Tissue Debulking Device and Method Of Using the Same	PCT/US07/07 KIT AND METHODS OF TREATMENT OF AN 4808 INTERVERTEBRAL DISC	Kit and Methods of Treatment of an Intervertebral Disc	Kit and Methods of Treatment of an Intervertebral Disc	PCT/US07/07 Tissue Extraction Device and Method of Using The 6879 Same	Tissue Extraction Device and Method of Using The Same	Tissue Extraction Device and Method of Using The Same	Device for Outputting a Qualitative Indication Associated with the Inflation of an Expandable Member	Device for Outputting a Qualitative Indication Associated with the Inflation of an Expandable Member	PCT/US00/41 Inflatable Device for Use in Surgical Protocol Relating 366 to Fixation of Bone

WO - World

P0031097.13	P0031097.12	P0031097.11	P0031097.10	P0031097.09	P0031097.08	P0031097.07	P0031097.06	P0031097.05	P0031097.04	P0031097.03	P0031097.02	P0031097.01	P0031097.00-USU1	P0032217.01
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States 7,252,671	US - United States 7,153,307	US - United States	US - United States 7,959,638	US - United States	US - United States 7,153,306	US - United States	US - United States 6,641,587	US - United States	US - United States 6,726,691	US - United States	US - United States 6,613,054	US - United States 6,716,216	US - United States 6,241,734	Intellectual Property Organization (WIPO)
10/640,790	10/617,976	10/420,206	10/397,049	10/346,618	10/001,937	60/243,194	09/905,170	60/218,237	09/827,260	60/194,685	09/804,107	09/597,646	09/134,323	PCT/US07/06 8850
Systems and Methods for Treating Vertebral Bodies	Systems and Methods for Placing Materials Into Bone	Methods and Devices for Treating Fractured And/Or Diseased Bone	Methods and Devices for Treating Bone After High Velocity and/or Trauma Fracture	Systems and Methods for Treating Vertebral Bodies	Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula	Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula	Systems and Methods for Treating Vertebral Bodies	Systems and Methods for Treating Vertebral Bodies	Methods for Treating Fractured And/Or Diseased Bone	Methods and Devices for Treating Fractured and/or Diseased Bone	Systems and Methods for Placing Materials Into Bone	Systems and Methods for Treating Vertebral Bodies	Systems and Methods for Placing Materials Into Bone	PCT/US07/06 Tissue Debulking Device and Method Of Using the 8850 Same

P0031097.25	P0031097.24	P0031097.23	P0031097.22	P0031097.21	P0031097.20	P0031097.19	P0031097.18	P0031097.17	P0031097.16	P0031097.15	P0031097.14
5	4	ω	2	Д	0	9	0 0	7	61	U1	4
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States	US - United States 7,967,827	US - United States 8,226,717	US - United States	US - United States	US - United States 8,152,813	US - United States	US - United States	US - United States	US - United States	US - United States 7,938,835	US - United States
11/528,165	11/527,953	11/528,146	11/527,952	11/527,859	11/527,838	11/528,164	11/527,955		11/527,837	10/842,076	10/783,723
Methods for Treating a Fractured and/or Diseased Vertebral Body by Incremental Introduction of Bone Filling Material	Methods and Devices for Treating Fractured and/or Diseased Bone Using An Expandable Structure That Remains Within the Bone	Methods and Devices for Treating Fractured and/or Diseased Bone Using an Expandable Stent Structure	Method and Devices for Treating Fractured and/or Diseased Bone Using an Expandable Mesh Structure That Remains Within the Bone	Methods and Devices for Treating Fractured and/or Diseased Bone Using an Expandable Balloon Structure that Remains Within the Bone	Methods for Treating Fractured and/or Diseased Bone by Introduction of Different Bone Filling Materials	Methods for Treating Fractured and/or Diseased Bone by Introduction of a Bone Filling Material	Methods and Devices for Treating Fractured and/or Diseased Bone Using an Expandable Stent Structure	duplicate of 31097.122	See P31567.21 Methods and Devices for Treating Fractured and/or Diseased Bone Using an Expandable Whisk Structure	Systems and Methods for Treating Vertebral Bodies	Methods and Devices for Treating Fractured and/or Diseased Bone

P0031097.37	P0031097.36	P0031097.35	P0031097.34	P0031097.33	P0031097.32	P0031097.31	P0031097.30	P0031097.29	P0031097.28	P0031097.27	P0031097.26
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Inactive
WO - World Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)	US - United States C6241734	US - United States C6613054	US - United States	US - United States 7,927,339	US - United States	US - United States 7,708,742	US - United States	US - United States 7,771,431	US - United States 8,317,865
PCT/US2001/ 019700	PCT/US2001, 011456	PCT/US1999/ 016289	90/007,937	90/007,938	11/789,643	11/789,639	11/637,396	11/599,943	11/599,904	11/593,284	11/528,105
Systems and Methods for Treating Vertebral Bodies	PCT/US2001/ Methods and Devices for Treating Fractured and/or 011456 Diseased Bone	' Systems and Methods for Placing Materials Into Bone	Systems and Methods for Placing Materials Into Bone	Systems and Methods for Placing Materials Into Bone	Methods for Treating a Fractured and/or Diseased and/or Weakened Bone	Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula With a Side Discharge Port	Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula	Methods for Placing Materials Into Bone	Methods for Placing Materials Into Bone	Systems and Methods for Placing Materials Into Bone	Methods and Devices for Treating Fractured and/or Diseased Bone Using a Mesh Structure

P0031097.51	P0031097.50	P0031097.49	P0031097.48	P0031097.47	P0031097.46	P0031097.45	P0031097.44	P0031097.43	P0031097.42	P0031097.41	P0031097.40	P0031097.39	P0031097.38
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
AT - Austria	AT - Austria	AU - Australia	AU - Australia	AU - Australia	AU - Australia	AU - Australia	AU - Australia	AU - Australia	AU - Australia	AU - Australia	AU - Australia	Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)
337.734	1294323	200720169 7	200222583 7	200720075 4	200125326 7		200622043 1	200321354 5	759710	200126995 4			
99937310.3	01948520.0	2007201697	2002225837	2007200754	2001253267	2006220431	2006220431	2003213545	52172/99	2001269954	2001277885	PCT/US2001/ 045589	PCT/US2001/ 022145
Systems and Methods for Placing Materials Into Bone	Systems for Treating Vertebral Bodies	Systems for Reducing Fractured Bone Using a Fracture Reduction Cannula	Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula	Methods and Devices for Treating Fractured and/or Diseased Bone	Methods and Devices for Treating Fractured and/or Diseased Bone	Systems and Methods for Placing Materials Into Bone	Systems and Methods for Placing Materials Into Bone	Systems for Placing Materials Into Bone	Systems and Methods for Placing Materials Into Bone	Systems and Methods for Treating Vertebral Bodies	Systems and Methods for Treating Vertebral Bodies	PCT/US2001/ Systems and Methods for Reducing Fractured Bone 045589 Using a Fracture Reduction Cannula	Systems and Methods for Treating Vertebral Bodies

P0031097.65-EPU1	P0031097.64-EPV1	P0031097.63	P0031097.62	P0031097.61	P0031097.60	P0031097.59	P0031097.58	P0031097.57	P0031097.56	P0031097.55	P0031097.54	P0031097.53	P0031097.52
U1 Inactive	V1 Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
Patent Office (EPO)	Patent Office (EPO)	Patent Office (EPO)	EP - European Patent Office (EPO) EP - European	CN - China	CN - China	CN - China	CN - China	CN - China	CA - Canada	CA - Canada	CA - Canada	CA - Canada	CA - Canada
1303236	1459689	1294323	1104260		ZL0180909 7.4	ZL2006100 08537.8	ZL0181281 7.3		2426688	2404916	2,415,389	2413308	2339157
01955830.3	04076440.9	01948520.0	99937310.3		01809097.4	20061000853 7.8	01812817.3	01814386.5	2426688	2,404,916	2,415,389	2,413,308	2,339,157
Systems for Treating Verterbral Bodies	System for Introducing a Materials Into A Bone	Systems for Treating Vertebral Bodies	Systems and Methods for Placing Materials Into Bone	Duplicate of 31097.139; Systems and Methods for Placing Materials Into Bone	Methods and Devices for Treating Fractured and/or Diseased Bone	Systems and Methods for Treating Vertebral Bodies	Systems and Methods for Treating Vertebral Bodies	Duplicate of 31097.128; Systems and Methods for Placing Materials Into Bone	Systems and Methods for Reducing Fractured Bone Using a Fracture Reductions Cannula	Methods and Devices for Treating Fractured and/or Diseased Bone	Systems and Methods for Treating Vertebral Bodies	Systems and Methods for Treating Vertebral Bodies	Systems and Methods for Placing Materials Into Bone

Systems and Methods for Placing Materials Into Bone	141269	141269	IL - Israel	Inactive	P0031097.81
Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula	5109075.4		HK - Hong Kong	Inactive	P0031097.80
Systems and Methods for Placing Materials Into Bone	confirm		HK - Hong Kong	Inactive	P0031097.79
Systems and Methods for Vertebral Bodies	7101120.4		HK - Hong Kong	Inactive	P0031097.78
Systems and Methods for Placing Materials Into Bone	HK1069757 5102445.2	нк1069757	HK - Hong Kong	Inactive	P0031097.77
Systems and Methods for Placing Materials Into Bone	04101367.9		HK - Hong Kong	Inactive	P0031097.76
Systems and Methods for Treating Vertebral Bodies	HK1057690 04100620.4	НК1057690	HK - Hong Kong	Inactive	P0031097.75
Methods and Devices for Treating Fractured and/or Diseased Bone	^{7.} 01926753.3	60117524.7 [.] 08	DE - Germany	Inactive	P0031097.74
Systems for Treating Vertebral Bodies	60128087.3 ⁻ 01948520.0	60128087.3 08	DE - Germany	Inactive	P0031097.73
Systems and Methods for Placing Materials Into Bone	69933037.8 ⁻ 99937310.3	69933037.8 08	DE - Germany	Inactive	P0031097.72
Methods and Devices for Treating Fractured and/or Diseased Bone	01926753.3	1272131	FR - France	Inactive	P0031097.71
Systems for Treating Vertebral Bodies	01948520.0	1294323	FR - France	Inactive	P0031097.70
Systems and Methods for Placing Materials Into Bone	99937310.3	1104260	FR - France	Inactive	P0031097.69
Systems for Reducing Fractured Bone Using a Fracture Reduction Cannula	01988557.3	1328203	EP - European Patent Office (EPO)	Inactive	P0031097.68-EPU1
Methods and Devices for Treating Fractured and/or Diseased Bone	01926753.3	1272131	EP - European Patent Office (EPO)	Inactive	P0031097.67
Systems and Methods for Treating Vertebral Bodies	07075292.8		EP - European Patent Office (EPO)	Inactive	P0031097.66

P0031097.97	P0031097.96	P0031097.95	P0031097.94	P0031097.93	P0031097.92	P0031097.91	P0031097.90	P0031097.89	P0031097.88	P0031097.87	P0031097.86	P0031097.85	P0031097.104	P0031097.84	P0031097.83	P0031097.82
.9/	.96	.95	.94	.93	.92	.91	.90	.89	.88 8	.87	.86	.85	.104	.84	.83	.82
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
Korea	Korea KR - Republic of	KR - Republic of Korea KR - Republic of	KR - Republic of Korea	KR - Republic of Korea	KR - Republic of Korea	KR - Republic of Korea	JP - Japan	JP - Japan	JP - Japan	JP - Japan	JP - Japan	JP - Japan	NZ - New Zealand	IT - Italy	IT - Italy	IT - Italy
/1/224	4	10-0793005			828223	10-0818384	4348427		4584526	4809572		4138248		1272131	1294323	1104260
7013399	7022236	10-2007- 7021466 10-2007-	10-2007- 7004545	10-2003- 7000591	10-2002- 7017447	10-2001- 7001940	2002-537204	2006-267394	2001-574036	2002-522779	2002-503199	2000-564531	521783	01926753.3	01948520.0	99937310.3
Diseased Bone	Systems and Methods for Treating Vertebral Bodies Methods and Devices for Treating Fractured and/or	Systems and Methods for Placing Materials Into Bone	Systems and Methods for Placing Materials Into Bone	Systems and Methods for Treating Vertebral Bodies	Systems and Methods for Treating Vertebral Bodies	Systems and Methods for Placing Materials Into Bone	Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula	Methods and Devices for Treating Fractured and/or Diseased Bone	Methods and Devices for Treating Fractured and/or Diseased Bone	Systems and Methods for Treating Vertebral Bodies	2002-503199 Systems and Methods for Treating Vertebral Bodies	2000-564531 Systems and Methods for Placing Materials Into Bone	Methods and Devices for Treating Fractured and/or Diseased Bone	Methods and Devices for Treating Fractured and/or Diseased Bone	Systems for Treating Vertebral Bodies	Systems and Methods for Placing Materials Into Bone

Systems for Treating Vertebral Bodies	01948520.0	1294323	GB - United Kingdom	Inactive	P0031097.116
Systems and Methods for Placing Materials Into Bone	99937310.3	1104260	GB - United Kingdom	Inactive	P0031097.115
Systems for Treating Vertebral Bodies	01948520.0	1294323	TR - Turkey	Inactive	P0031097.114
Methods and Devices for Treating Fractured and/or Diseased Bone	01926753.3	1272131	CH - Switzerland	Inactive	P0031097.113
Systems for Treating Vertebral Bodies	01948520.0	1294323	CH - Switzerland	Inactive	P0031097.112
Systems and Methods for Placing Materials Into Bone	99937310.3	1104260	CH - Switzerland	Inactive	P0031097.111
Methods and Devices for Treating Fractured and/or Diseased Bone	01926753.3	1272131	ES - Spain	Inactive	P0031097.110
Systems for Treating Vertebral Bodies	01948520.0	1294323	ES - Spain	Inactive	P0031097.109
Systems and Methods for Placing Materials Into Bone	99937310.3	1104260	ES - Spain	Inactive	P0031097.108
200100693-1 Systems and Methods for Placing Materials Into Bone	200100693-1	78926	SG - Singapore	Inactive	P0031097.107
Systems and Methods for Placing Materials Into Bone	20010723		NO - Norway	Inactive	P0031097.106
Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula	525490		NZ - New Zealand	Inactive	P0031097.105
Systems and Methods for Treating Vertebral Bodies	523514		NZ - New Zealand	Inactive	P0031097.103
Systems and Methods for Placing Materials Into Bone	524487		NZ - New Zealand	Inactive	P0031097.102
Systems and Methods for Treating Vertebral Bodies	523264		NZ - New Zealand	Inactive	P0031097.101
Systems and Methods for Placing Materials Into Bone	509696	509696	NZ - New Zealand	Inactive	P0031097.100
Apparatus for Compacting Concellous Bone	10-2007- 7019887	10-0893989	KR - Republic of Korea	Inactive	P0031097.99
Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula	10-2003- 7005821	10-0889416	KR - Republic of Korea	Inactive	P0031097.98

P0031386.06	P0031386.05	P0031386.04	P0031386.03	P0032224.01	P0032224.00-USU1	P0032254.05	P0032254.04	P0032254.03	P0032254.02	P0032254.01	P0032254.00-USU1	P0031097.117
Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States 8,092,535	US - United States	US - United States	US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States	WO - World Intellectual Property Organization (WIPO)	KR - Republic of Korea	JP - Japan	EP - European Patent Office (EPO)	CN - China	US - United States	GB - United 1272131 Kingdom
11/768,222	11/768,224	11/806,528	11/768,223	PCT/US07/06 8646	11/448,976	PCT/US06/00 3603	10-2007- 7020648	2007-555134	06734179.2	20068000477 1.1	11/056,785	01926753.3
INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE	Dual Cutting Element Tool for Debulking Bone	Dual Cutting Element Tool for Debulking Bone	PCT/US06/00 Systems and Methods for Providing Cavities in 3603 Interior Body Regions	Systems and Methods for Providing Cavities in Interior Body Regions	Systems and Methods for Providing Cavities in Interior Body Regions	Systems and Methods for Providing Cavities in Interior Body Regions	7 Systems and Methods for Providing Cavities in Interior Body Regions	Systems and Methods for Providing Cavities in Interior Body Regions	Methods and Devices for Treating Fractured and/or Diseased Bone			

Systems and Methods for Inserting Biocompatible Filler Materials in Interior Body Regions	11/485,243	US - United States	Inactive	P0032287.01
Systems and Methods for Inserting Biocompatible Filler Materials in Interior Body Regions	60/698,289	US - United States	Inactive	P0032287.00-USP1
Expandable Device and Methods for Use	PCT/US06/02 6298	Intellectual Property Organization (WIPO)	Inactive	P0032284.01
Directionally Controlled Expandable Device and Methods for Use	11/177,666	US - United States	Inactive	P0032284.00-USU1
Methods and Apparatus Having Multiple Separately Actuatable Expandable Members	11/863,816	US - United States	Inactive	P0032286.00-USU1
INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE	11/771,099	US - United States 7,662,187	Active	P0031386.16
INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE	11/771,092	US - United States 8,454,659	Active	P0031386.15
INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE	11/771,087	US - United States 8,894,686	Active	P0031386.14
INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE	11/770,943	US - United States	Inactive	P0031386.13
INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE	11/770,934	US - United States	Inactive	P0031386.12
INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE	11/770,931	US - United States	Inactive	P0031386.11
INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE	11/770,924	US - United States	Inactive	P0031386.10
INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE	11/771,046	US - United States	Inactive	P0031386.09
INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE	11/770,915	US - United States 8,007,537	Inactive	P0031386.08
INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE	11/806,526	US - United States 8,221,463	Active	P0031386.07

Spine Distraction Implant and Method	11/677,192	US - United States	Inactive	P0031061.84
Spine Distraction Implant and Method	11/677,145	US - United States	Inactive	P0031061.83
Spine Distraction Implant and Method	11/677,212	US - United States 8,540,751	Inactive	P0031061.82
Duplicate of P31097.14 - Methods and Devices for Treating Fractured and/or Diseased Bone	10/783,723	US - United States	Inactive	P0032225.00-USV1
Kit and Methods for Medical Procedures Within A Sacrum	11/778,453	US - United States	Inactive	P0032301.01
Methods for Medical Procedures Within A Sacrum	60/831,259	US - United States	Inactive	P0032301.00-USP1
duplicate of 1097.122		US - United States	Inactive	P0031798.159
Methods and Devices for Treating Fractured and/or Diseased Bone using an Expandable Whisk Structure	11/527,837	US - United States	Inactive	P0031567.21
Apparatuses and Methods for Bone Screw Augmentation	11/693,180	US - United States	Inactive	P0032240.00-USU1
2 Systems and Methods for Providing Cavities in Interior Body Regions	PCT/US06/02 6524	WO - World Intellectual Property Organization (WIPO)	Inactive	P0032288.02
Systems and Methods for Providing Cavities in Interior Body Regions	11/483,464	US - United States	Inactive	P0032288.01
Systems and Methods for Providing Cavities in Interior Body Regions	60/698,287	US - United States	Inactive	P0032288.00-USP1
PCT/US06/02 Systems and Methods for Inserting Biocompatible 7049 Filler Materials in Interior Body Regions	PCT/US06/0 7049	WO - World Intellectual Property Organization (WIPO)	Inactive	P0032287.02

P0032309.00-USP1	P0032310.01	P0032310.00-USU1	P0032308.00-USU1	P0031061.97	P0031061.96	P0031061.95	P0031061.94	P0031061.93	P0031061.92	P0031061.91	P0031061.90	P0031061.89	P0031061.88	P0031061.87	P0031061.86	P0031061.85
Inactive	Inactive	Active	Active	Active	Inactive	Active	Inactive	Inactive	Active	Inactive						
US - United States	US - United States	US - United States 8,403,937	US - United States 8,348,976	US - United States 7,749,253	US - United States	US - United States 8,568,460	US - United States 7,635,377	US - United States 8,821,548	US - United States 8,568,454	US - United States	US - United States	US - United States 7,666,209	US - United States	US - United States 8,617,211	US - United States	US - United States 8,672,974
60/849,860	11/694,289	11/694,257	11/845,272	11/790,909	11/790,910	11/790,904	11/790,907	11/790,905	11/790,908	11/692,356	11/692,306	11/692,303	11/692,300	11/692,298	11/677,175	11/677,195
Products and Methods for Directional Delivery of Material to Bone and Other Internal Body Parts	APPARATUS AND METHOD FOR MEDICAL PROCEDURES WITHIN A SPINE	Apparatus and Method for Medical Procedures Within a Spine	Spinous-Process Implants and Methods of Using the Same	Spine Distraction Implant and Method												

P0031061.103-CHU1	P0031061.103-ATN1	P0031061.107	P0031061.106	P0031061.105	P0031061.104	P0031061.103-EPU1	P0031061.102	P0031061.99 P0031061.100 P0031061.101	P0031061.98	P0032309.02	P0032309.01
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive Inactive Inactive	Inactive	Inactive	Inactive
CH - Switzerland	AT - Austria	KR - Republic of Korea	JP - Japan	IL - Israel	Patent Office (EPO)	EP - European Patent Office (EPO)	CN - China	AU - Australia AU - Australia CA - Canada	WO - World Intellectual Property Organization (WIPO)	Intellectual Property Organization (WIPO)	US - United States
1027004	1027004	779258	4158339			1027004	98811709.6	737486 760981 2,307,888			
98957384.5	98957384.5	10-2000- 7004547	2000-517666		07019045.9	98957384.5	98811709.6 98811709.6	199913659 200154435 2,307,888	PCT/US98/02 2709	PCT/US07/02 0835	11/862,857
Please do not docket in this record; Duplicate of 31061.145 Spine Distraction Implant	Spine Distraction Implant	Spine Distraction Implant		Do Not Use; Duplicate of 31061.130 Spine Distraction Implant	Spine Distraction Implant	Please do not docket in this record; Duplicate of 31061.139 Spine Distraction Implant	Spine Distraction Implant	Spine Distraction Implant Spine Distraction Implant Spine Distraction Implant	Spine Distraction Implant	Products and Methods for Percutaneous Material Delivery	Products and Methods for Delivery of Material to Bone and Other Internal Body Parts

6 Spine Distraction Implant	2003131186		RU - Russian Federation	Inactive	P0031061.111
5 Spine Distraction Implant	2003131185		RU - Russian Federation	Inactive	P0031061.110
02 Spine Distraction Implant	PCT/US01/02 2968		Intellectual Property Organization (WIPO)	Inactive	P0031061.109
01 Spine Distraction Implant	PCT/US01/01 7235		Intellectual Property Organization (WIPO) WO - World	Inactive	P0031061.108
PCT/US07/07 Kit and Methods for Medical Procedures Within A 3686 Sacrum	PCT/US07/C 3686		WO - World Intellectual Property Organization (WIPO) WO - World	Inactive	P0032301.02
	98957384.5	1027004	IT - Italy	Inactive	P0031061.103-ITN1
Please do not docket in this record; Duplicate of 31061.142 Spine Distraction Implant Please do not docket in this record; Duplicate of	98957384.5	1027004	GB - United Kingdom	Inactive	P0031061.103-GBN1
Please do not docket in this record; Duplicate of 31061.140 Spine Distraction Implant	98957384.5	1027004	FR - France	Inactive	P0031061.103-FRN1
Please do not docket in this record; Duplicate of 31061.144 Spine Distraction Implant	98957384.5	1027004	ES - Spain	Inactive	P0031061.103-ESN1
Please do not docket in this record; Duplicate of 31061.141 Spine Distraction Implant	98957384.5	1027004	DE - Germany	Inactive	P0031061.103-DEN1

P0032348.02	P0032348.01	P0032348.00-USC1	P0031061.117	P0031061.116	P0031061.115	P0031061.114	P0031061.113	P0031061.112
Inactive	Inactive	JSC1 Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
ive	ive	Φ.	İve	ive	İVe	ive	ive	İve
US - United States	US - United States	US - United States 8,128,663	WO - World Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)	RU - Russian Federation	WO - World Intellectual Property Organization (WIPO)
11/768,956	11/768,957	11/768,962	PCT/US03/02 7109	PCT/US02/02 9019	PCT/US02/02 2634	PCT/US02/02 2480	2003131344	PCT/US01/02 3006
Spine Distraction Implant and Method	Spine Distraction Implant and Method	Spine Distraction Implant and Method	PCT/US03/02 Deflectable Spacer for Use as an Interspinous Process 7109 Implant and Method	PCT/US02/02 Interspinous Process Implant Sizer and Distractor 9019 with a Split Head and Size Indicator and Method	PCT/US02/02 Mating Insertion Instruments for Spinal Implants and 2634 Methods of Use	PCT/US02/02 Interspinous Process Distraction System and Method 2480 With Positionable Wing and Method	2003131344 Spine Distraction Implant and Method	PCT/US01/02 Spine Implants, Insertion Instruments, and Methods 3006 of Use

See 32284.00, t P0032371.01 Inactive US - United States 11/177,666 intentionally ina	P0032371.00-USU1 Inactive US - United States 11/177,042 Radiopaque Exp	P0031061.120 Inactive US - United States 11/788,763 Spine Distractio	WO - World Intellectual PCT/US01/01 PO031061.119 Inactive Property Organization (WIPO)	P0031061.118 Inactive US - United States 60/220,137 Spine Distraction	P0032348.12 Active US - United States 8,828,017 11/770,312 SPINE DISTRACT	P0032348.11 Inactive US - United States 8,157,840 11/770,201 Spine Distraction	P0032348.10 Inactive US - United States 11/770,301 Spine Distractio	P0032348.09 Inactive US - United States 11/770,360 Spine Distraction	P0032348.08 Inactive US - United States 11/770,198 Spine Distraction	P0032348.07 Inactive US - United States 11/770,364 Spine Distraction	P0032348.06 Inactive US - United States 11/806,527 Spine Distractio	P0032348.05 Inactive US - United States 11/806,529 Spine Distractio	P0032348.04 Inactive US - United States 11/768,960 Spine Distraction	P0032348.03 Inactive US - United States 11/768,958 Spine Distraction
See 32284.00, this record is a duplicate and has been intentionally inactivated Radiopaque Expandable Body and Methods	42 Radiopaque Expandable Body and Methods	63 Spine Distraction Implant	L/01 Supplemental Spine Fixation Device and Method	37 Spine Distraction Implant	12 SPINE DISTRACTION IMPLANT AND METHOD	01 Spine Distraction Implant and Method	01 Spine Distraction Implant and Method	60 Spine Distraction Implant and Method	98 Spine Distraction Implant and Method	64 Spine Distraction Implant and Method	27 Spine Distraction Implant and Method	29 Spine Distraction Implant and Method	60 Spine Distraction Implant and Method	58 Spine Distraction Implant and Method

P0032378.04	P0032378.03	P0032378.02	P0032378.01	P0032378.00-USP1	P0032374.02	P0032374.01	P0032373.02	P0032373.01	P0032373.00-USP1	P0032371.03	P0032371.02
Active	Active	Active	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States 8,021,366	US - United States 8,021,365	US - United States 8,317,791	US - United States	US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States 8,105,236	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States	EP - European Patent Office (EPO)	WO - World Intellectual Property Organization (WIPO)
11/731,385	11/731,364	11/731,707	11/256,036	60/698,288	PCT/US06/02 5139	11/448,228	PCT/US06/02 7048	11/485,244	60/698,290	06786452.0	PCT/US06/02 6298
Axial Load Limiting System and Methods	Surgical Device Having Interchangeable Components and Methods of Use	Torque Limiting Device and Methods	Torque Limiting Device	Torque Limiting Device	Surgical Access Device, System, and Methods of Use	Surgical Access Device, System, and Methods of Use	Systems and Methods For Providing Prostheses	Systems and Methods For Providing Prostheses	Systems and Methods For Providing Prostheses	Duplicate of P32284.02 - Expandable Device and Methods for Use	PCT/US06/02 Duplicate of P32284.01 - Expandable Device and 6298 Methods for Use

Systems and Methods for Placing Materials Into Bone	US - United States		Inactive	P0031097.119
Systems and Methods for Placing Materials Into Bone	US - United States		Inactive	P0031097.118
PCT/US07/00 Bone Cement Compositions Comprising An Indicator 8789 Agent And Related Methods Thereof	rld Jal tion		Inactive	P0032381.01
11/416,093 Bone Cement Compositions Comprising An Indicator Agent And Related Methods Thereof	States 7,754,005	- SN	Active	P0032381.00-USU1
PCT/US07/01 Self-Foaming Cement For Void Filling and/or Delivery 2723 Systems	ual tion		Inactive	P0032380.01
11/449,047 Self-Foaming Cement For Void Filling and/or Delivery Systems	US - United States 7,507,286 11/44 WO - World	WO - I	Active	P0032380.00-USU1
Diammonium Phosphate and Other Ammonium Salts PCT/US07/02 and Their Use In Preventing Clotting (Kilpatrick sent this file to Medtronic for handling inhouse)	orld .ual y ation		Inactive	P0032379.02
DIAMMONIUM PHOSPHATE AND OTHER AMMONIUM SALTS AND THEIR USE IN PREVENTING CLOTTING (KILPATRICK SENT THIS FILE TO MEDTRONIC FOR HANDLING IN-HOUSE)	US - United States 11/8!		Inactive	P0032379.01
60/846,312 Diammonium Phosphate and Other Ammonium Salts and Their Use In Preventing Clotting	US - United States 60/84		Inactive	P0032379.00-USP1
PCT/US2006/ 026526	orld Jal tion		Inactive	P0032378.05

P0032306.06	P0032306.05	P0032306.04	P0032306.03	P0032306.02	P0032306.01	P0032306.00-USP1	P0032367.02	P0032367.01	P0032367.00-USP1	P0032387.02	P0032387.01
Inactive	Active	Inactive	Active	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
WO - World Intellectual Property Organization (WIPO)	US - United States 7,985,228	US - United States	US - United States 8,043,362	US - United States 8,043,296	US - United States	US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States	Intellectual Property Organization (WIPO)	US - United States
PCT/US07/07 6639	11/730,345	11/730,349	11/730,348	11/730,347	60/884,050	60/823,566	PCT/US06/03 8087	11/454,525	60/727,093	PCT/US06/02 6648	11/476,337
PCT/US07/07 APPARATUS AND METHODS FOR USE OF 6639 EXPANDABLE MEMBERS IN SURGICAL APPLICATIONS	Apparatus and Methods for Use of Expandable Members in Surgical Applications	Apparatus and Methods for Use of Expandable Members in Surgical Applications	Apparatus and Methods for Use of Expandable Members in Surgical Applications	Apparatus and Methods for Use of Expandable Members in Surgical Applications	Apparatus and Methods for Use of Expandable Members in Surgical Applications	Apparatus and Methods for Collapsing An Expandable Member of a Medical Device	A Mechanical Cavity-Creation Surgical Device	Mechanical Cavity-Creation Surgical Device and Methods and Kits for Using Such Devices	Mechanical Cavity-Creation Surgical Device and Methods and Kits for Using Such Devices	Radially Expansive Surgical Instruments for Tissue Retraction	Radially Expansive Surgical Instruments for Tissue Retraction and Methods for Using the Same

P0031065.12	P0031065.11	P0031065.10	P0031065.09	P0031065.08	P0031065.07	P0031065.05	P0031065.04	P0032399.08	P0032399.07	P0032399.06	P0032399.05	P0032399.04	P0032399.03		P0032399.02	P0032399.01	P0032399.00-USU1
Active	Active	Active	Active	Inactive	Active	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Inactive		Inactive	Inactive	JSU1 Inactive
US - United States 8,029,567	US - United States 7,927,354	US - United States 7,988,709	US - United States 8,057,513	ve US - United States	US - United States 8,038,698	ve US - United States	ve US - United States	ve HK - Hong Kong	KR - Republic of ve Korea	JP - Japan	ve CN - China ZL2005800 19586.5	ve CA - Canada		(EPO)		WO - World Intellectual ve Property Organization (WIPO) EP - European	ve US - United States 7,648,520
11/356,295	11/356,296	11/356,302	11/356,301	11/252,880	11/252,879	60/869,038	60/695,836	07109228.8	10-2006- 7023728	2007-508524	0 20058001958 6.5	2,562,744	2005237459		05735206.4	PCT/US05/01 2657	10/825,962
Percutaneous Spinal Implants and Methods	Percutaneous Spinal Implants and Methods	Percutaneous Spinal Implants and Methods	Percutaneous Spinal Implants and Methods	Percutaneous Spinal Implants and Methods	Percutaneous Spinal Implants and Methods	Percutaneous Spinal Implants and Methods	Percutaneous Spinal Implants and Methods	Screw Assembly	Screw Assembly	Screw Assembly	Screw Assembly	Screw Assembly	Screw Assembly		Screw Assembly	Screw Assembly	PEDICLE SCREW ASSEMBLY

Bone Anchorage Screw with Built-in Hinged Plate	11/027,500	US - United States 7,789,899	Active	P0032458.00-USU1
Support for Bone	07108004.0	HK - Hong Kong	Inactive	P0032451.08
Support for Bone	10-2006- 7023897	KR - Republic of Korea	Inactive	P0032451.07
Support for Bone	2007-508542	JP - Japan	Inactive	P0032451.06
Subcutaneous Support	20058001957 7.6	CN - China	Inactive	P0032451.05
Support for Bone	2,562,774	CA - Canada	Inactive	P0032451.04
Support for Bone	2005237467	AU - Australia	Inactive	P0032451.03
Support for Rone	05735303 9	EP - European Patent Office 1737369	Active	PN032451 02-FP111
Support for Bone	PCT/US05/01 2736	Intellectual Property Organization (WIPO)	Inactive	P0032451.01
		WO - World		
Subcutaneous Support	10/826,684	US - United States 7,524,323	Inactive	P0032451.00-USU1
Methods and Devices for Treating Fractured and/or Diseased Bone Using an Expandable Bio-Absorbable Structure That Remains Within the Bone	11/527,954	US - United States	Inactive	P0031097.122
Methods and Devices for Treating Fractured and/or Diseased Bone	11/462,482	US - United States	Inactive	P0031097.121
Cavity Formation Device	11/450,336	US - United States	Inactive	P0031097.120
Percutaneous Spinal Implants and Methods	11/454,156	US - United States 7998174	Active	P0031065.15
Percutaneous Spinal Implants and Methods	11/454,153	US - United States 7993342	Inactive	P0031065.14
Percutaneous Spinal Implants and Methods	11/356,294	US - United States	Inactive	P0031065.13

P0032496.04	P0032496.03	P0032496.02	P0032496.01	P0032496.00-USP1	P0032495.02	P0032495.01	P0032495.00-USI1	P0031752.06	P0032461.00-USI1	P0032459.00-USU1
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active
WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States	US - United States	US - United States	EP - European Patent Office (EPO)	WO - World Intellectual Property Organization (WIPO)	US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States 7,618,418	US - United States 7,811,311
PCT/US05/04 1257	10/989,733	10/990,285	10/990,291	60/698,408	05824731.3	PCT/US05/03 9702	10/979,781	PCT/US2001/ 011148	11/019,918	11/027,501
PCT/US05/04 System and method for delivering a therapeutic 1257 agent for bone disease	System and method for delivering a therapeutic agent for bone disease	System and method for delivering a therapeutic agent for bone disease	System and method for delivering a therapeutic	Duplicate of P032498.00 - Curette Heads	Cavity Filling Device	Cavity Filling Device	Cavity Filling Device	Insertion Devices and Methods of Use	Plate System for Minimally Invasive Support of the Spine	Screw with Deployable Interlaced Dual Rods

P0031065.18	P0031065.17	P0031065.16	P0032528.00-USU1	P0032519.00-USP1	P0032499.03	P0032499.02	P0032499.01	P0032499.00-USP1	P0032498.01	P0032498.00-USP1	P0032496.07	P0032496.06	P0032496.05
Active	Active	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States 8,034,080	US - United States	US - United States	US - United States	US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States	US - United States	US - United States	US - United States	JP - Japan	CN - China	EP - European Patent Office (EPO)
8,034,080	8,007,521	8,100,943									5006204		
11/625,626	11/625,604	11/454,194	11/713,771	60/902,668	PCT/US06/02 6386	11/483,406	60/756,677	60/698,354	11/483,424	60/698,408	2007-541420	20058004189 4.8	05851628.7
Percutaneous Spinal Implants and Methods	Percutaneous Spinal Implants and Methods	Percutaneous Spinal Implants and Methods	Bone Support Device, System, and Method	Expandable Devices for Emplacement in Bone and Other Body Parts and Methods of Use of Such Devices	Curette System	Curette System	Curette System	Curette System	Curette Heads	Curette Heads	System and method for delivering a therapeutic agent for bone disease	20058004189 System and method for delivering a therapeutic 4.8 agent for bone disease	System and method for delivering a therapeutic agent for bone disease

Percutaneous Spinal Implants and Methods	11/928,841	US - United States	Inactive	P0031065.35
Percutaneous Spinal Implants and Methods	11/928,827	US - United States	Inactive	P0031065.34
Percutaneous Spinal Implants and Methods	11/927,835	US - United States 8,043,335	Active	P0031065.33
Percutaneous Spinal Implants and Methods	11/927,831	US - United States 8,029,549	Active	P0031065.32
) Percutaneous Spinal Implants and Methods	11/927,830	US - United States	Inactive	P0031065.31
Percutaneous Spinal Implants and Methods	11/927,824	US - United States 8,147,516	Active	P0031065.30
PERCUTANEOUS SPINAL IMPLANTS AND METHODS	11/762,945	US - United States	Inactive	P0031065.29
Percutaneous Spinal Implants and Methods	11/752,983	US - United States 8,157,841	Active	P0031065.28
Percutaneous Spinal Implants and Methods	11/752,982	US - United States 8,092,459	Active	P0031065.27
Percutaneous Spinal Implants and Methods	11/752,984	US - United States 8,097,018	Active	P0031065.26
PERCUTANEOUS SPINAL IMPLANTS AND METHODS	11/752,981	US - United States	Inactive	P0031065.25
Percutaneous Spinal Implants and Methods	11/693,502	US - United States 7998208	Inactive	P0031065.24
) Percutaneous Spinal Implants and Methods	11/693,500	US - United States 8,096,995	Active	P0031065.23
Percutaneous Spinal Implants and Methods	11/693,496	US - United States 8,096,994	Active	P0031065.22
Percutaneous Spinal Implants and Methods	11/625,642	US - United States	Inactive	P0031065.21
Percutaneous Spinal Implants and Methods	11/625,624	US - United States	Inactive	P0031065.20
Percutaneous Spinal Implants and Methods	11/625,559	US - United States	Inactive	P0031065.19

Percutaneous Spinal Implants and Methods	2007-556308	JP - Japan 4977038	Inactive	P0031065.49
/ Percutaneous Spinal Implants and Methods	6262/DELNP/ 2007	IN - India	Inactive	P0031065.48
Percutaneous Spinal Implants and Methods	185190	(EPO) IL - Israel	Inactive	P0031065.47
Percutaneous Spinal Implants and Methods	06735305.2	EP - European Patent Office	Inactive	P0031065.46
7 Percutaneous Spinal Implants and Methods	20068001157 2.3	CN - China ZL2006800 11572.3	Inactive	P0031065.45
Percutaneous Spinal Implants and Methods	2,597,923	CA - Canada	Inactive	P0031065.44
Percutaneous Spinal Implants and Methods	2006214169	(WIPO) AU - Australia	Inactive	P0031065.43
Percutaneous Spinal Implants and Methods	PCT/US08/05 8127	Intellectual Property Organization	Inactive	P0031065.42
Percutaneous Spinal Implants and Methods	PCT/US07/07 1294	WO - World Intellectual Property Organization (WIPO) WO - World	Inactive	P0031065.41
/ Percutaneous Spinal Implants and Methods	PCT/US2006/ 005580	WO - World Intellectual Property Organization (WIPO)	Inactive	P0031065.40
Percutaneous Spinal Implants and Methods	11/928,431	US - United States 8,167,890	Active	P0031065.39
Percutaneous Spinal Implants and Methods	11/928,424	US - United States 8,221,458	Active	P0031065.38
PERCUTANEOUS SPINAL IMPLANTS AND METHODS	11/929,165	US - United States 8,679,161	Active	P0031065.37
PERCUTANEOUS SPINAL IMPLANTS AND METHODS	11/929,173	US - United States	Inactive	P0031065.36

P0032302.00-USU1 Active US - United States 7,968,616	P0032311.01 Inactive US - United States	P0032311.00-USU1 Inactive US - United States	WO - World Intellectual P0032221.04 Inactive Property Organization (WIPO)	P0032221.03 Inactive US - United States	P0032221.02 Inactive US - United States	P0032221.01 Inactive US - United States	P0032221.00-USP1 Inactive US - United States	P0032579.00-USP1 Inactive US - United States	P0032577.00-USP1 Inactive US - United States	P0032576.01 Inactive US - United States	P0032576.00-USU1 Inactive US - United States	P0032573.00-USU1 Inactive US - United States	P0031065.52 Inactive SG - Singapore	P0031065.51 Inactive MX - Mexico	P0031065.50 Inactive KR - Republic of 1
7,968,616 12/107,273	11/802,932	11/802,931	PCT/US07/07 2952	11/773,876	11/773,872	11/773,871	60/818,996	60/856,437	60/921,236	11/731,825	11/731,824	11/713,173		MX/a/2007/0 09883	10-1119264 7021079
BONE CEMENT COMPOSITION AND METHOD	Spinous Process Implants and Methods of Using the Same	Spinous Process Implants and Methods of Using the Same	MEDICAL DEVICE	6 Medical Device with Expansion Mechanism	2 MEDICAL DEVICE WITH EXPANSION MECHANISM	1 Medical Device with Dual Expansion Mechanism	6 Medical Device with Dual Expansion Mechanism	7 Materials and Methods and Systems for Delivering Localized Medical Treatments	Methods and Systems for the Diagnosis and Treatment of Medical Conditions in the Spine	Methods and Devices for Multipoint Access of a Body Part	Devices for Multipoint Emplacement in a Body Part and Methods of Use of Such Devices	3 Bone Barrier Device, System, and Method	Percutaneous Spinal Implants and Methods	7/0 Percutaneous Spinal Implants and Methods	Percutaneous Spinal Implants and Methods

P0031061.122	P0031061.121	P0026643.01	P0032499.04	P0031971.00-USU1	P0032392.02	P0032392.01	P0032392.00-USP1	P0032281.01	P0032281.00-USU1	P0032225.02	P0032225.01
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
EP - European Patent Office 0959792 (EPO)	(WIPO) AU - Australia 769208	WO - World Intellectual Property Organization	KR - Republic of Korea	US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States	US - United States
97954632.2	208 200157755	//80sn	10-2008- 7000320	11/378,894	PCT/U: 4792	11/410,182	60/698,291	PCT/U: 6525	11/178,662	11/462,482	11/450,336
		US08/062985)8- 20	·	PCT/US06/02 4792	0,182	8,291	S06/02		2,482	0,336
Spine Distraction Implant	Spine Distraction Implant and Method	Posterior Stabilization and Spinous Process Systems and Methods	Curette System	See 31391.03; this record was a duplicate; PMMA Cement	Products, systems and methods for delivering material to bone and other internal body parts	Products, systems and methods for delivering material to bone and other internal body parts	Devices, Systems and Methods for Emplacing Material in Bone and Other Internal Body Structures	PCT/US06/02 Systems and Methods for Providing Cavities in 6525 Interior Body Regions	Systems and Methods for Providing Cavities in Interior Body Regions	Duplicate of P31097.121 - Methods and Devices for Treating Fractured and/or Diseased Bone	Duplicate of P31097.120 - Cavity Formation Device

P0031061.142	P0031061.141	P0031061.140	P0031061.139		P0031061.138	P0031061.137	P0031061.136	P0031061.135	P0031061.134	P0031061.133		P0031061.132		P0031061.131	P0031061.130	P0031061.129	P0031061.128	P0031061.127	P0031061.126	P0031061.125	P0031061.124	P0031061.123
Inactive	Inactive	Inactive	Active		Inactive	Inactive	Inactive	Inactive	Inactive	Inactive		Active		Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
GB - United Kingdom	DE - Germany	FR - France	Patent Office	EP - European	CH - Switzerland	ES - Spain	IT - Italy	GB - United Kingdom	DE - Germany	FR - France	(EPO)	Patent Office	EP - European	KR - Republic of Korea	IL - Israel	CH - Switzerland	ES - Spain	IT - Italy	GB - United Kingdom	DE - Germany	FR - France	EP - European Patent Office (EPO)
1027004	69838848.8 ⁻	1027004	1027004		1030615	1030615	1030615	1030615	69838851.8 08	1030615		1030615		0567859	130677	0959792	0959792	0959792	0959792	69738301.6- 08	0959792	
98957384.5	³ · 98957384.5	98957384.5	98957384.5		98957346.4	98957346.4	98957346.4	98957346.4	^{3.} 98957346.4	98957346.4		98957346.4		10-2005- 7009843	130677	97954632.2	97954632.2	97954632.2	97954632.2	⁵ · 97954632.2	97954632.2	07018876.8
Spine Distraction Implant	Spine Distraction Implant	Spine Distraction Implant	Spine Distraction Implant		Spine Distraction Implant	Spine Distraction Implant	Spine Distraction Implant	Spine Distraction Implant	Spine Distraction Implant	Spine Distraction Implant		Spine Distraction Implant		Spine Distraction Implant	Implant for Relieving Pain Associated with the Spinal Column and Uses Thereof	Spine Distraction Implant	Spine Distraction Implant	Spine Distraction Implant	Spine Distraction Implant	Spine Distraction Implant and Method	Spine Distraction Implant	Spine Distraction Implant and Method

P0031097.126	P0031097.125	P0031097.124	P0031097.123	P0031061.150	P0031391.20	L003T300:T3	DO0212000 1F			P0031395.02		P0031061.148	P0031061.147	P0031391.19	P0031391.18	P0031391.17	P0031061.146	P0031061.145	P0031061.144	P0031061.143
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	וומכנואפ				Inactive		Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States	US - United States	US - United States	US - United States	JP - Japan	HK - Hong Kong	Organization (WIPO)	Intellectual	(WIPO)	Organization	Intellectual Property	WO - World	IL - Israel	IL - Israel	KR - Republic of Korea	JP - Japan	CN - China	JP - Japan	CH - Switzerland	ES - Spain	IT - Italy
©,	U	C /	ů,	4717095	1110498												4126344	1027004	1027004	1027004
11/978,372	11/978,274	11/978,386	11/978,371	2008-093021	08105055.3	051167	PCT/US2008/		2419	PCT/US07/08				closed		2.1	10-530244	98957384.5	98957384.5	98957384.5
Methods and Apparatus for Placing Materials Into Bone	Methods and Apparatus for Placing Materials Into Bone	Methods and Apparatus for Placing Materials Into Bone	Methods and Apparatus for Placing Materials Into Bone	Spine Distraction Implant	INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WING AND METHOD OF IMPLANTATION		INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION		BINDER		TENSIONER TOOL AND METHOD FOR IMPLANTING	Spine Distraction Implant	Spine Distraction Implant	Duplicate of 31115.14; this record has been inactivated.	inactivated.	inactivated.	Spine Distract	Spine Distraction Implant	Spine Distraction Implant	Spine Distraction Implant

P0031029.17	P0031029.16	P0031029.15	P0031029.14	P0031029.13	P0031392.10	P0031392.09	P0031389.08	P0031388.16	P0031061.153	P0031061.152	P0031061.151	P0032528.01
Inactive	Inactive	Inactive	Inactive	Active	Active	Active	Active	Inactive	Inactive	Active	Inactive	Inactive
CH - Switzerland	AT - Austria	DE - Germany	GB - United Kingdom	FR - France	US - United States	US - United States 8,109,972	US - United States 8,273,107	US - United States	US - United States	US - United States	US - United States	WO - World Intellectual Property Organization (WIPO)
1296909	1296909		1296909	1296909	8,128,702	8,109,972	8,273,107			7,993,374		
01957914.3	01957914.3	50309585.0	01957914.3	01957914.3	11/923,737	11/923,733	11/923,738	11/923,814	11/928,158	11/928,163	11/928,144	closed
Magnesium-Ammonium-Phosphate Cements, The Production and the Use Thereof	Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof	inactivated. Magnesium Ammonium Phosphate Cement Composition	Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof See 31030.03 (DE); this record was a duplicate and	Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof	DEPLOYABLE WINGS AND METHOD OF IMPLANTATION	DEPLOYABLE WINGS AND METHOD OF IMPLANTATION	THREAD-SHAPED WING AND METHOD OF INTERSPINOLIS BROCESS IMPLANTATION	INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION INTERSPINOUS PROCESS IMPLANT HAVING A	Supplemental Spine Fixation Device and Method	Supplemental Spine Fixation Device and Method	Supplemental Spine Fixation Device and Method	See 32573.01; this matter is a duplicate and has been inactivated Bone Barrier Device, System, and Method

P0031029.20 Active	P0031029.19 Inactive	P0032579.02 Inactive	P0031065.53 Inactive	P0032208.09 Active	P0033036.00-USU1 Inactive	P0032579.01 Inactive	P0032284.02 Inactive	P0032374.05 Inactive	P0032374.04 Inactive	P0032311.02 Inactive	P0031029.18 Inactive	P0031034.04 Active
Ve	tive	tive	tive	é	tive	tive	tive	tive	tive	tive	tive	œ.
DE - Germany	IT - Italy	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States 7,497,024	US - United States	US - United States	Patent Office (EPO)	CN - China	EP - European Patent Office (EPO)	WO - World Intellectual Property Organization (WIPO)	ES - Spain	JP - Japan
50110049.0	1296909			7,497,024							1296909	
50110049.0 01957914.3	01957914.3	PCT/US07/02 3035	12/127,513	12/134,583	11/946,199	11/933,618	06786452.0	20068002531 5.5	06785725.0	PCT/US08/06 4445	01957914.3	2008-528373
Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof	Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof	. Materials and Methods and Systems for Delivering Localized Medical Treatments	Percutaneous Spinal Implants and Methods	Measurement Instrument For Percutaneous Surgery	THREADED ACCESS CANNULA AND METHODS OF USING THE SAME	Materials and Methods and Systems for Delivering Localized Medical Treatments	Expandable Device and Methods for Use	Surgical Access Device, System, and Methods of Use	Surgical Access Device, System, and Methods of Use	Spinous Process Implants and Methods of Using the Same	Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof	MAKING THE SAME

PUU31532.1U	70	F0031332.03	D0031537 00	- 0000007.00	P0033064 00-FRII1	P0031798.169	P0031798.168		P0031798.167		P0031798.166	P0031798.165			P0031798.164			P0031798.163-EPV1		P0031798.161	P0031798.160	P0031061.155	P0031061.154	P0031061.149	
Inactive	-	ווומכנועפ	l pactivo		I1 Inactive	Inactive	Inactive		Inactive		Inactive	Inactive			Inactive			V1 Inactive		Inactive	Inactive	Inactive	Inactive	Inactive	
JP - Japan	5	AU - Australia	All - Australia	ומוככ	ER - France	TR - Turkey	JP - Japan		HU - Hungary		HK - Hong Kong	Patent Office (EPO)	EP - European	(EPO)	Patent Office	EP - European	(EPO)	EP - European Patent Office	!	CN - China	AT - Austria	US - United States	US - United States	US - United States 7,635,378	
											1104444	1938765						1820463	36810.9	ZL2004100	1464293	8,568,455	8,672,975	7,635,378	
2008-028153		2003204002	2002204002	00/03200	06/03766	1999/02994	2008-055620		P01956		07110889.6	08075130.8			08075005.2			07075421.3	0.9	20041003681	04076935.8	11/924,884	11/924,874	11/924,878	
	A Slip-Fit Handle For Hand-Held Instruments That	Access Interior Body Regions	A Slip-Fit Handle For Hand-Held Instruments That	Interspinous Implant	Device for Treating Vertebrae, Including an	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies		to Fixation of Bone	Inflatable Device for Use in Surgical Protocol Relating	See 31798.83; this record is a duplicate	Devices Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone	Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone	נס וואמנוטוו טו שטווכ	to Fivation of Bono	Inflatable Device for the in Suggical Brotocol Belating	vesti alliti toi combi essing cancelloas pone	Devices Using an Expandable Body With Internal	BONE USING EXPANDABLE BODIES		Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Spine Distraction Implant and Method	SPINE DISTRACTION IMPLANT AND METHOD	Spine Distraction Implant and Method	

Systems and Methods Treating a Vertebral Body	11/978,472	US - United States	Inactive	P0031798.183
Systems and Methods for Treating Bone Using Expandable Bodies	11/978,273	US - United States	Inactive	P0031798.182
Systems and Methods Treating a Vertebral Body	11/977,684	US - United States	Inactive	P0031798.181
Systems and Methods Treating A Vertebral Body	11/977,476	US - United States	Inactive	P0031798.180
Systems and Methods Treating A Vertebral Body	11/977,668	US - United States	Inactive	P0031798.179
Systems and Methods Treating a Vertebral Body Related Applications	11/977,608	US - United States	Inactive	P0031798.178
Systems and Methods for Treating Bone Using Expandable Bodies	11/977,556	US - United States	Inactive	P0031798.177
Systems and Methods for Treating Bone Using Expandable Bodies	11/977,667	US - United States	Inactive	P0031798.176
Systems and Methods for Treating Bone Using Expandable Bodies	11/977,676	US - United States	Inactive	P0031798.175
to Fixation of Bone				
duplicate Inflatable Device for Use in Surgical Protocol Relating	11/977,532	US - United States	Inactive	P0031798.174
See 31798.31 (010-0002US35); this matter is a				
Systems and Methods for Treating Bone Using Expandable Bodies	11/977,522	US - United States	Inactive	P0031798.173
Systems and Methods for Treating Bone Using Expandable Bodies	11/977,475	US - United States	Inactive	P0031798.172
System and Methods for Treating Bone Using Expandable Bodies	11/977,561	US - United States	Inactive	P0031798.171
Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	11/895,833	US - United States	Inactive	P0031798.170
Device for Treating Vertebrae, Including an Interspinous Implant	60/791,906	US - United States	Inactive	P0033064.01
A Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions	525737	NZ - New Zealand	Inactive	P0031532.11

P0031798.184	Inactive	US - United States		11/978,444	Structure Prepared From a Vertebral Body
P0031798.185	Inactive	US - United States		11/978,272	Systems and Methods for Treating a Vertebral Body Through a Posterior Percutaneous Access Path
P0031567.22	Inactive	CH - Switzerland	1073371	99916476.7	Structures and Methods for Creating Cavities in Interior Body Regions
P0031567.23	Inactive	EP - European Patent Office (EPO)	1073371	99916476.7	Structures and Methods for Creating Cavities in Interior Body Regions
P0031567.24	Inactive	FR - France	1073371	99916476.7	Structures and Methods for Creating Cavities in Interior Body Regions
P0031567.25	Inactive	GB - United Kingdom	1073371	99916476.7	Structures and Methods for Creating Cavities in Interior Body Regions
P0031567.26	Inactive	IT - Italy	1073371	99916476.7	Structures and Methods for Creating Cavities in Interior Body Regions
P0031567.27	Inactive	JP - Japan	4250743	2000-541925	Structures and Methods for Creating Cavities in Interior Body Regions
P0031567.28	Inactive	JP - Japan		2006-267402	Structures and Methods for Creating Cavities in Interior Body Regions
P0031567.29	Inactive	NO - Norway		20005019	Structures and Methods for Creating Cavities in Interior Body Regions
P0031567.30	Inactive	NZ - New Zealand	507330	507330	Structures and Methods for Creating Cavities in Interior Body Regions
P0031567.31	Inactive	NZ - New Zealand		527117	Structures and Methods for Creating Cavities in Interior Body Regions
P0031567.32	Inactive	US - United States 7,879,038	7,879,038	11/978,825	Apparatus, kits, and methods for creating cavities in cancellous bone using an elongated loop structure or bristles
P0031097.128	Inactive	CN - China	ZL0181438 6.5	01814386.5	Systems and Methods for Treating Vertebral Bodies
P0031097.129	Inactive	JP - Japan	4764432	2008-002534	2008-002534 Systems and Methods for Placing Materials Into Bone

P0031752.21	P0031097.138	P0031097.137	P0031097.136	P0031097.135	P0031097.134	P0031097.133	P0031097.132	P0031097.131	P0031593.32	P0031593.31	P0031798.189	P0031798.188	P0031798.187	P0031798.186	P0031097.130
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
CN - China	US - United States	HK - Hong Kong	KR - Republic of Korea	EP - European Patent Office (EPO)	US - United States	US - United States	US - United States 6,719,773	JP - Japan	US - United States						
ZL 200580023 704.X			8,246,681						10-0882363			7,875,035	6,719,773	4812786	
20058002370 4.X	11/978,374	11/978,375	11/978,271	11/978,352	11/978,478	11/978,445	11/978,443	03108892.9	10-2006- 7022557	07076135.8	11/978,412	11/978,802	09/595,963	2008-027083	11/890,594
Insertion Devices and Methods of Use	Methods for Treating a Fractured and/or Diseased and/or Weakened Bone	Methods for Treating a Fractured and/or Diseased and/or Weakened Bone	Methods for Treating a Fractured and/or Diseased and/or Weakened Bone	Methods for Treating a Fractured and/or Diseased and/or Weakened Bone	Methods for Treating a Fractured and/or Diseased and/or Weakened Bone	Methods for Treating a Fractured and/or diseased and/or Weakened Bone	Systems and Methods for Treating a Fractured and/or Diseased and/or Weakened Bone	Methods and Devices for Treating Fractured and/or Diseased Bone	Hand-Held Instruments That Access Interior Body Regions	Hand-Held Instruments That Access Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions	Expandable Structures for Deployment in Interior Body Regions	Expandable Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions	Systems and Methods for Treating Vertebral Bodies

	P0032367.03	P0032240.01	P0031065.55	P0031065.54	P0032310.02	P0031752.23	P0032150.14	P0032150.13	P0031097.140	P0031097.139	P0032056.15	P0031752 22
	Inactive	Inactive	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
(EPO)	EP - European Patent Office	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States	Intellectual Property Organization (WIPO)	HK - Hong Kong WO - World	WO - World Intellectual Property Organization (WIPO)	CN - China	JP - Japan	CN - China	US - United States	IP - lanan
			8,568,461					ZL 200480025 208.3	2008- 086782	ZL0181801 0.8	10011	4904271
	06825257.6	PCT/US08/05 8118	12/127,215	12/127,213	PCT/US08/05 8119	07110718.3	PCT/US04/02 2950	20048002520 8.3	2007-265965	01818010.8	11/973,461	2007-527309
	A Mechanical Cavity-Creation Surgical Device	Apparatuses and Methods for Bone Screw Augmentation	Percutaneous Spinal Implants and Methods	Percutaneous Spinal Implants and Methods	Apparatus and Method for Medical Procedures Within a Spine	Insertion Devices and Methods of Use	PCT/US04/02 Devices for Creating Voids in Interior Body Regions 2950 and Related Methods	20048002520 Devices for Creating Voids in Interior Body Regions 8.3 and Related Methods	Systems and Methods for Reducing Bone Using a Fracture Reduction Cannula	Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula	Systems, Methods and Kits for Mixing and Transferring Flowable Materials	Insertion Devices and Methods of Use

P0033102.00-USU1	Active	US - United States	8,221,425	12/112,749	Percutaneous Discectomy and Endplate Preparation Tool
		EP - European			
P0032373.03	Inactive	Patent Office		06787014.7	Systems and Methods For Providing Prostheses
		(EPO)			
P0032378.06	Inactive	AU - Australia		2006269306	Torque Limiting Device
P0032378.07	Inactive	CA - Canada	2615131	2,615,131	Torque Limiting Device and Methods
P0032378.08	Inactive	CN - China		20068003303 7.8	Torque Limiting Device
		EP - European			
P0032378.09	Active	Patent Office (EPO)	1909673	06800022.3	Torque Limiting Device and Methods
P0032378.10	Active	JP - Japan	4979698	2008-521466	Torque Limiting Device
P0032378.11	Inactive	KR - Republic of Korea		10-2008- 7003140	Torque Limiting Device and Methods
P0033176.00-USU1	Active	US - United States 8,795,365	8,795,365	12/054,226	EXPANDABLE DEVICES FOR EMPLACEMENT IN BODY PARTS AND METHODS ASSOCIATED THEREWITH
P0033178.00-USU1	Inactive	US - United States		12/171,165	Deployable Arc Fusion Cage and Methods Associated Therewith
P0033186.00-USU1	Inactive	US - United States		12/112,746	Surgical Access Needle Device and Method of Use
P0033179.00-USU1	Active	US - United States	8,252,013	12/112,781	Expandable Surgical Access Device and Methods of Use
P0033214.00-USP1	Inactive	US - United States		61/025,991	Medical Implants and Methods
P0031752.24	Inactive	CN - China	ZL 200810092 862.6	20081009286 2.6	20081009286 A System for Directing the Expansion of an 2.6 Expandable Structure Within a Bone
P0033088.00-USU1	Inactive	US - United States		12/169,707	Cannula Stabilization Device, System, and Method of Use
P0033333.00-FRU1	Active	FR - France	2907329	2907329	Prothese Vertebrale

P0031798.190	P0033528.00-USU1	P0033528.03	P0033528.02	P0033528.01	P0033335.00-USU1	P0032519.01	P0032308.01	P0033214.04	P0033214.03	P0033214.02	P0033214.01	P0033333.01
Inactive	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Inactive
CA - Canada	US - United States	Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO) WO - World	US - United States	US - United States 8,105,358	US - United States	US - United States	US - United States				
2,621,208	12/112,650	12/112,690	12/112,701	12/112,658	12/182,422	PCT/US08/00 2386	PCT/US08/07 4430	12/182,431	12/182,429	12/182,425	12/182,437	60/842,652
Expandable Preformed Structures for Deployment in Interior Body Regions	Appartus and Methods for Inserting Facet Screws	Appartus and Methods for Inserting Facet Screws	Appartus and Methods for Inserting Facet Screws	Appartus and Methods for Inserting Facet Screws	Discectomy Tool Having Counter-Rotating Nucleus Disruptors	Expandable Devices for Emplacement in Bone and Other Body Parts and Methods of Use of Such Devices	PCT/US08/07 Spinous-Process Implants and Methods of Using the 4430 Same	Spine Distraction Tools and Methods of Use	Medical Implants and Methods	Tools and Methods for Insertion and Removal of Medical Implants	Medical Implants and Methods	Prothese Vertebrale

P0023526.03	P0032374.06	P0032374.07	P0032387.03	P0033540.00-USP1	P0033534.02	P0033534.01	P0033534.00-USU1	P0032573.01	P0032577.01	P0032576.02
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
EP - European Patent Office (EPO)	JP - Japan	KR - Republic of Korea	EP - European Patent Office (EPO)	US - United States	US - United States	US - United States	US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States	WO - World Intellectual Property Organization (WIPO)
07757889.6	2008-521418	10-2008- 7003172	06786712.7	61/025,991	12/109,568	12/109,567	12/109,565	PCT/US08/00 2773	12/059,876	PCT/US08/00 3851
An Expandable Device for Insertion Between Anatomical Structures and a Procedure Utilizing Same	Surgical Access Device, System, and Methods of Use	Surgical Access Device, System, and Methods of Use	Radially Expansive Surgical Instruments for Tissue Retraction	See 33214.00 for all docketing; this is a duplicative record of 33214.00 and should not be used - Medical Implants and Methods	Medical Device for Tissue Disruption with Serrated Expandable Portion	Steerable Medical Device for Tissue Disruption	Medical Device with One-Way Rotary Drive Mechanism	Bone Support and Barrier Device, System, and Method	METHODS AND SYSTEMS FOR THE DIAGNOSIS AND TREATMENT OF MEDICAL CONDITIONS IN THE SPINE AND OTHER BODY PARTS	PCT/US08/00 Methods and Devices for Multipoint Access of a Body 3851 Part

P0032216.02	P0031752.25	P0032056.16	P0031097.142	P0033324.04	P0033324.03	P0032577.02	P0032286.01	P0031497.22	P0031097.141	PC0001106.04	P0023526.04
Inactive	Inactive	Active	Inactive	Active	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
EP - European Patent Office (EPO)	KR - Republic of Korea	KR - Republic of Korea	(EPO) KR - Republic of Korea	EP - European Patent Office	US - United States	WO - World Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)	KR - Republic of Korea	KR - Republic of Korea	AU - Australia	AU - Australia
			10/092202 7	1895920	7,846,186			10-0972246	10-0972245	200723505 3	
07757620.5	10-2008- 7021315	10-2008- 7021109	10-2008- 7020778	06755958.3	11/994,195	PCT/US08/00 4197	PCT/US08/07 6361	10-2008- 7018917	10-2008- 7018637	2007235053	2007227162
Device for Outputting a Qualitative Indication Associated with the Inflation of an Expandable Member	Insertion Devices and Methods of Use	Systems and Methods for Mixing and Transferring Flowable Materials	Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula	Equipment for Surgical Treatment of Two Verterbrae	Equipment for Surgical Treatment of Two Verterbrae	Methods and Systems for the Diagnosis and Treatment of Medical Conditions in the Spine and Other Body Parts	PCT/US08/07 Methods and Apparatus Having Multiple Separately 6361 Actuatable Expandable Members	Systems and Methods for Injecting Flowable Materials Into Bones	Systems and Methods for Treating Vertebral Bodies	Methods and Instruments for Delivering Interspinous Process Spacers	Expandable Device for Insertion Between Anatomical Structures and a Procedure Utilizing Same

Manual Pump Mechanism and Delivery System	2,493,421		CA - Canada	Inactive	P0033870.01
Manual Pump Mechanism and Delivery System	10/776,209	ites 8,235,256	US - United States	Active	P0033870.00-USU1
Surgical Device Axial Load Limiting System, Interchangeable Components, and Methods of Use	PCT/US08/00 3561		Intellectual Property Organization (WIPO)	Inactive	P0032378.12
Systems and Methods for Providing Cavities in Interior Body Regions	06786616.0		EP - European Patent Office (EPO)	Inactive	P0032288.03
Systems and Methods for Inserting Biocompatible Filler Materials in Interior Body Regions	06774646.1	1909671	EP - European Patent Office (EPO)	Active	P0032287.03
Systems and Methods for Providing Cavities in Interior Body Regions	06786617.8		EP - European Patent Office (EPO)	Inactive	P0032281.02
Pedicle-Based Posterior Stabilization Members and Methods of Use	12/250,678	ites	US - United States	Inactive	P0028500.00-USU1
Systems and Methods for Assessment of Tension in an Implant	12/251,922	ites	US - United States	Inactive	P0031665.00-USU1
Vertebra Stablizing Assembly	12/248,320	tes	US - United States	Inactive	PC0001054.10
Systems and Methods Using Expandable Bodies to Push Apart Adjacent Vertebral Bodies	11/978,373	ites	US - United States	Inactive	P0031798.191
Device for Treating Vertebrae, Including an Interspinous Implant	2007238347	200723834 7	AU - Australia	Inactive	P0033064.05
Device for Treating Vertebrae, Including an Interspinous Implant	07734301.0	2004073	EP - European Patent Office (EPO)	Active	P0033064.04-EPN1
Hand-Held Instruments That Access Interior Body Regions	10-2008- 7015434	Ť	KR - Republic of Korea	Inactive	P0031593.34
Hand-Held Instruments That Access Interior Body Regions	10-2008- 7015732	-i f	KR - Republic of Korea	Inactive	P0031593.33

P0032381.05	P0032381.04	P0032381.03	P0032381.02	P0025656.02	P0023190.03	P0023220.02	P0031097.143	P0033598.00-USU1	P0024479.03	P0033870.04	P0033870.03	P0033870.02
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Active	Active
CN - China	AU - Australia	EP - European Patent Office (EPO)	JP - Japan	JP - Japan	EP - European Patent Office (EPO)	JP - Japan	EP - European Patent Office (EPO)	US - United States 7,799,056	Patent Office (EPO)	(EPO) JP - Japan FP - Furonean	EP - European Patent Office	CN - China
ZL 200780018 562.7								7,799,056			1570873	ZL2005100 09418.X
20078001856 2.7	2007250161	07775048.7	2009-509576	2009-507868	07797632.2	waiting		11/967,780	07761112.7	2005-027859	05000725.1	20051000941 8.X
BONE CEMENT COMPOSITIONS COMPRISING AN INDICATOR AGENT AND RELATED METHODS THEREOF	BONE CEMENT COMPOSITIONS COMPRISING AN INDICATOR AGENT AND RELATED METHODS THEREOF	BONE CEMENT COMPOSITIONS COMPRISING AN INDICATOR AGENT AND RELATED METHODS THEROF		Interspinous Process Brace	Surgical Spacer with Structure for Shape Control	Multi-Chamber Expandable Interspinous Process Brace	Systems and Methods for Placing Materials Into Bone	Bone Fusion Device and Methods	Interspinous Process Brace	Manual Pump Mechanism and Delivery System	MANUAL PUMP MECHANISM AND DELIVERY SYSTEM	Manual Pump Mechanism and Delivery System

D0000000000000000000000000000000000000	P0031593.41 Inactive TR - Turkey	P0031593.40 Inactive IT - Italy	P0031593.39 Inactive Kingdom	P0031593.38 Inactive FR - France	P0031593.37 Inactive ES - Spain	P0031593.36 Inactive DE - Germany	P0031593.35 Inactive AT - Austria	P0025773.03 Inactive JP - Japan		P0025773.05 Inactive AU - Australia		P0025773.02 Inactive CA - Canada	P0032381.06 Inactive KR - Republic of Korea
is	1328201	1328201	1328201	1328201	1328201	60132705.5 08	385408						
12/260,551	01987231.6	01987231.6	01987231.6	01987231.6	01987231.6	01987231.6	01987231.6	2009-507901		2007244933		2,650,648	2008- 7029342
Spinal Implants Having Multiple Movable Members	Hand-Held Instruments That Access Interior Body Regions	Hand-Held Instruments That Access Interior Body Regions	Hand-Held Instruments That Access Interior Body Regions	Hand-Held Instruments That Access Interior Body Regions	Hand-Held Instruments That Access Interior Body Regions	Hand-Held Instruments That Access Interior Body Regions	Hand-Held Instruments That Access Interior Body Regions	Delivering Flowable Materials And Method For Use Thereof(Title change International Search Report mailed: 11/07/07) kap	(Title change International Search Report mailed: 11/07/07) kap Cannula With Openings Of Different Shape For	Delivering Flowable Materials And Method For Use Thereof	(Title change International Search Report mailed: 11/07/07) kap Cannula With Openings Of Different Shape For	Cannula With Openings Of Different Shape For Delivering Flowable Materials And Method For Use Thereof	BONE CEMENT COMPOSITIONS COMPRISING AN INDICATOR AGENT AMD RELATED METHODS THEREOF

P0031798.197	P0031798.196	P0031798.195	P0031798.194	P0031798.193	P0031798.192	P0032301.04	P0032301.07	P0032301.06	P0032301.05	P0032301.03	P0033036.01		P0023926.03		P0031097.144
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive		Mactive	- ;	Inactive
GB - United Kingdom	FR - France	ES - Spain	DE - Germany	CH - Switzerland	AT - Austria	EP - European Patent Office (EPO)	AU - Australia	KR - Republic of Korea	CN - China	JP - Japan	Property Organization (WIPO)	WO - World Intellectual	(EPO)	EP - European	CN - China
1463463	1463463	1463463	60225337.3· 08	1463463	387164										
02773895.4	02773895.4	02773895.4	02773895.4	02773895.4	02773895.4	07799646.0	2007275344	10-2009- 7003207	20078002711 0.5	2009-520954	US08/084485		0//54348.8		20081017107 7.X
Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Kit and Methods for Medical Procedures Within A Sacrum	Kit and Methods for Medical Procedures Within A Sacrum	KIT AND METHODS FOR MEDICAL PROCEDURES WITHIN A SACRUM	. Kit and Methods for Medical Procedures Within A Sacrum	Kit and Methods for Medical Procedures Within A Sacrum	Same	Throughod Accous Cappella and Mothods of Heing Tho	Materials and Method For Use Thereof	Vented Directional Delivery Cannula With Openings	20081017107 Systems and Methods for Treating Vertebral Bodies 7.X Bone

P0031065.58	P0033006.01	P0033598.01	P0033168.00-USU1	P0032380.06	P0032380.05	P0032380.04	P0032380.03	P0032380.02	P0033666.00-USU1	P0031798.199	P0031798.198
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Inactive	Inactive
AU - Australia	WO - World Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)	US - United States	AU - Australia	KR - Republic of Korea	CN - China	EP - European Patent Office (EPO)	JP - Japan	US - United States	TR - Turkey	IT - Italy
200726069 0							2029058			TR 2008/0320 7	1463463
2007260690	US08/086425	PCT/US08/08 6329	12/328,873	2007259304	10-2009- 7000282	20078002113	07809238.4	2009-514310	12/255,064	02773895.4	02773895.4
Percutaneous Spinal Implants and Methods	US08/086425 Bone Fusion Device and Methods	Bone Fusion Device and Methods	Introducer Tool for Bone Measurement	Self-Foaming Cement For Void Filling and/or Delivery Systems	Self-Foaming Cement For Void Filling and/or Delivery Systems	20078002113 Self-Foaming Cement For Void Filling and/or Delivery 9.2 Systems	Self-Foaming Cement For Void Filling and/or Delivery Systems	Self-Foaming Cement For Void Filling and/or Delivery Systems	BONE FIXATION DEVICE HAVING AN EXPANDABLE ANCHOR	Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone	Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone

Systems for Treating Verterbral Bodies	60136815.0 [.] 01955830.3 08	(EPO) DE - Germany	Inactive	P0031097.65-DEN1
Elongating Balloon Device and Method for Soft Tissue Dissection	08017480.8	(EPO) EP - European Patent Office	Inactive	P0030944.03
MEDICAL DEVICE WITH EXPANSION MECHANISM	07840360.7	EP - European Patent Office	Inactive	P0032221.06
	2009-519610	JP - Japan	Inactive	P0032221.05
System and Method for Delivering a Therapeutic Agent for Bone Disease	2008-280546	JP - Japan	Inactive	P0032496.08
SYSTEM AND METHOD FOR STRENGTHENING A SPINOUS PROCESS	07782906.7	EP - European Patent Office (EPO)	Inactive	P0031397.08
SYSTEM AND METHOD FOR STRENGTHENING A SPINOUS PROCESS	20070261204	AU - Australia	Inactive	P0031397.09
SYSTEM AND METHOD FOR STRENGTHENING A SPINOUS PROCESS	2009-516608	JP - Japan	Inactive	P0031397.07
SYSTEM AND METHOD FOR STRENGTHENING A SPINOUS PROCESS	2,655,963	CA - Canada	Inactive	P0031397.06
Tissue Debulking Device and Method Of Using the Same	07762157.1	EP - European Patent Office (EPO)	Inactive	P0032217.03
Tissue Debulking Device and Method Of Using the Same	2009-514452	JP - Japan	Inactive	P0032217.02
1 Tissue Debulking Device and Method Of Using the Same	20078002131 4.8	CN - China	Inactive	P0032217.04
Tissue Debulking Device and Method Of Using the Same	10-2009- 7000201	KR - Republic of Korea	Inactive	P0032217.05
Tissue Debulking Device and Method Of Using the Same	2007258132	AU - Australia	Inactive	P0032217.06
Percutaneous Spinal Implants and Methods	07798609.9	EP - European Patent Office (EPO)	Inactive	P0031065.57

P0032218.05	P0033333.04		P0033333.05	P0032380.07	P0031030.08	P0034462.00-USU1		P0033214.06				P0033214.05				P0032219.05		P0032219.03	P0032219.04	P0031097.147	P0031097.65-GBN1
Inactive	Active		Inactive	Active	Active	3U1 Inactive		Inactive				Inactive				Inactive		Inactive	Inactive	Inactive	3N1 Inactive
AU - Australia	Patent Office (EPO)	EP - European	AU - Australia	US - United States	US - United States	US - United States	Organization (WIPO)	Property	Intellectual	WO - World	(WIPO)	Property Organization	Intellectual	WO - World	(EPO)	Patent Office	EP - European	CA - Canada	AU - Australia	JP - Japan	GB - United Kingdom
	2073733			s 8,118,926	s 7,758,693	S														4870123	1303236
2007289406	07825065.1		2007293153	12/366,583	12/359,907	12/361,931		PCT/US09/03 1184				1182	PCT/US09/03			07840599.0		2,658,751	2007281234	2008-161039	01955830.3
Tissue Extraction Device and Method of Using The Same	Interspinous Spinal Prosthesis		Interspinous Spinal Prosthesis	SELF-FOAMING CEMENT FOR VOID FILLING AND/OR DELIVERY SYSTEMS	Strontium-Apatite Cement Preparations, Cements Formed Thereform, and Uses Thereof	BONE FIXATION DEVICE AND METHODS FOR TREATING SPINAL STENOSIS		Spine Distraction Tools and Methods of Use				Medical Implants and Methods			INTERVER FEBRAL DISC	KIT AND METHODS OF TREATMENT OF AN		KIT AND METHODS OF TREATMENT OF AN INTERVERTEBRAL DISC	KIT AND METHODS OF TREATMENT OF AN INTERVERTEBRAL DISC	Systems and Methods for Treating Vertebral Bodies	Systems for Treating Verterbral Bodies

Systems and Methods for Treating Vertebral Bodies	09075016.7		EP - European Patent Office (EPO)	Inactive	P0031097.146
Methods and Devices for Treating Fractured and/or Diseased Bone	2009200263	200920026 3	AU - Australia	Inactive	P0031097.148
Implants and I Dynamic Stabi	US09/034208		Intellectual Property Organization (WIPO)	Inactive	P0026659.01
APPARATUS AND METHODS FOR USE OF EXPANDABLE MEMBERS IN SURGICAL APPLICATIONS	07814384.9		EP - European Patent Office (EPO) WO - World	Active	P0032306.09
955/KOLNP/2 APPARATUS AND METHODS FOR USE OF 009 EXPANDABLE MEMBERS IN SURGICAL APPLICATIONS	955/KOLNP/2 009		IN - India	Inactive	P0032306.12
APPARATUS AND METHODS FOR USE OF EXPANDABLE MEMBERS IN SURGICAL APPLICATIONS	2007286648	200728664 8	AU - Australia	Inactive	P0032306.11
APPARATUS AND METHODS FOR USE OF EXPANDABLE MEMBERS IN SURGICAL APPLICATIONS	2009-526817		JP - Japan	Inactive	P0032306.08
APPARATUS AND METHODS FOR USE OF EXPANDABLE MEMBERS IN SURGICAL APPLICATIONS	2,661,206		CA - Canada	Inactive	P0032306.07
20078003998 APPARATUS AND METHODS FOR USE OF 2.3 EXPANDABLE MEMBERS IN SURGICAL APPLICATIONS	20078003998 2.3	2L 200780039 982.3	CN - China	Active	P0032306.10
Tissue Extraction Device and Method of Using The Same	07814473.0	l	EP - European Patent Office (EPO)	Inactive	P0032218.04
Tissue Extraction Device and Method of Using The Same	2009-526846		JP - Japan	Inactive	P0032218.03

P0031366.05	P0031366.02	P0031394.03	P0031394.04	P0033186.01	P0031065.56	P0033086.00-USU1	P0033742.00-USU1	P0025913.02	P0032379.04	P0032379.03	P0033512.00-USU1	P0034917.00-USU1	P0031097.150
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Active	Inactive	Active	Active	Inactive	Inactive
KR - Republic of Korea	JP - Japan	EP - European Patent Office (EPO)	AU - Australia	Property Organization (WIPO)	JP - Japan WO - World	US - United States	US - United States	EP - European Patent Office (EPO)	AU - Australia	EP - European Patent Office (EPO)	US - United States	US - United States	KR - Republic of Korea
						8,142,463		2061391		2068950	8,114,131		10-0922026
10-2009- 7010435	2009-535425	07863483.9	2007308942		2009-530689	12/403,598	12/391,672	07841956.1	2007300585	07861358.5	12/265,419	12/361,931	10-2008- 7018325
Facet Joint Implant Sizing Tool	Facet Joint Implant Sizing Tool	SYSTEMS AND METHODS FOR IN SITU ASSEMBLY OF AN INTERSPINOUS PROCESS DISTRACTION IMPLANT	SYSTEMS AND METHODS FOR IN SITU ASSEMBLY OF AN INTERSPINOUS PROCESS DISTRACTION IMPLANT	Surgical Access Needle Device and Method of Use	Percutaneous Spinal Implants and Methods	Battery Operated Nucleus Disruptor Device For Intervertebral Disc	Bone Fixation Devices and Methods	Intercostal Spacer Device and Method for use in Correcting a Spinal Deformity	Diammonium Phosphate and Other Ammonium Salts and Their Use In Preventing Clotting(Kilpatrick sent this file to Medtronic for handling in-house)	Diammonium Phosphate and Other Ammonium Salts and Their Use In Preventing Clotting(Kilpatrick sent this file to Medtronic for handling in-house)	Extension Limiting Devices and Methods of Use for the Spine	Bone Fixation Device and Methods for Treating Spinal Stenosis	Apparatus for Delivering Material into Bone

P0033534.04	P0033534.03	P0034579.00-USU1	P0033576.00-USU1	P0032302.01	P0031097.149	P0031040.03	P0031366.03	P0031366.06	P0031366.04
Inactive	Inactive	Active	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
WO - World Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)	US - United States 8,821,505	US - United States 8,617,053	WO - World Intellectual Property Organization (WIPO)	CA - Canada	(EPO) EP - European Patent Office (EPO)	EP - European Patent Office	AU - Australia	CN - China
PCT/US2009/ 041773	PCT/US09/04 1776	12/430,047	12/430,044	PCT/US2009/ 039718	2,650,824	07842908.1	07863662.8	2007313731	20078003994 0.X
PCT/US2009/ O41773 Steerable Medical Device for Tissue Disruption	PCT/US09/04 Medical Device with One-Way Rotary Drive 1776 Mechanism	Minimally Invasive Cement Delivery System Retainer	Remote Position Control for Surgical Apparatus	BONE CEMENT COMPOSITION AND METHOD	Systems and Methods for Treating Vertebral Bodies	DEVICE AND METHOD FOR FACILITATING INTRODUCTION OF CATHETERS	Facet Joint Implant Sizing Tool	Facet Joint Implant Sizing Tool	Facet Joint Implant Sizing Tool

P0032451.02-GBN1	P0032451.02-FRN1	P0032451.02-DEN1	P0032451.02-CHU1	P0031097.64-ITV1	P0031097.64-GBV1	P0031097.64-FRV1	P0031097.64-DEV1	P0031097.64-ATV1	P0033528.06	P0033528.05	P0033528.04
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
GB - United Kingdom	FR - France	DE - Germany	CH - Switzerland	IT - Italy	GB - United Kingdom	FR - France	DE - Germany	AT - Austria	WO - World Intellectual Property Organization (WIPO)	wo - world Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)
1737369	1737369	1737369	1737369	1459689	1459689	1459689	69940791.5 08	1459689			
05735303.9	05735303.9	05735303.9	05735303.9	4076440.9	4076440.9	4076440.9	69940791.5 [.] 04076440.9 08	4076440.9	PCT/US09/04 2125	US09/042119	PCT/US09/04 2113
Support for Bone	Support for Bone	Support for Bone	Support for Bone	System for Introducing a Materials Into A Bone	System for Introducing a Materials Into A Bone	System for Introducing a Materials Into A Bone	System for Introducing a Materials Into A Bone	System for Introducing a Materials Into A Bone	Appartus and Methods for Inserting Facet Screws	US09/042119 Appartus and Methods for Inserting Facet Screws	Appartus and Methods for Inserting Facet Screws

P0031097.151	P0031798.162	P0031029.21	P0031065.59	P0035332.05	P0035332.07	P0035332.04	P0031396.03	P0031396.02	P0023714.02	P0025365.02	P0033581.00-USU1	P0032451.02-LIN1
Inactive	Inactive	Inactive	Inactive	Active	Inactive	Active	Inactive	Inactive	Inactive	Inactive	1 Inactive	Inactive
CA - Canada	CN - China	US - United States	WO - World Intellectual Property Organization (WIPO)	EP - European Patent Office (EPO)	KR - Republic of Korea	JP - Japan	AU - Australia	EP - European Patent Office (EPO)	EP - European Patent Office (EPO)	EP - European Patent Office (EPO)	US - United States	LI - Liechtenstein
	ZL 200910006 219.1	V.		2088949							v	1737369
2,657,235	20091000621 9.1	12/463,880	US09/043551	07825612.0	7011437/09	2009-535829	2007317512	07854495.4	07864255.0	07864269.1	12/463,134	05735303.9
Systems and Methods for Placing Materials Into Bone	20091000621 Inflatable Device for Use in Surgical Protocol Relating 9.1 to Fixation of Bone	Magnesium-Ammonium-Phosphate Cement Composition	US09/043551 Percutaneous Spinal Implants and Methods	Interspinous Implant	Interspinous Implant	Interspinous Implant	INTERSPINOUS PROCESS IMPLANT HAVING A FIXED WING AND DEPLOYABLE WING AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT HAVING A FIXED WING AND DEPLOYABLE WING AND METHOD OF IMPLANTATION	Intervertebral Prosthetic Assembly for Spinal Stabilization and Method of Implanting Same	Inter-Transverse Process Spacer Device and Method for use in Correcting a Spinal Deformity	Distraction Tool For Distracting an Interspinous Space	Support for Bone

P0031367.33 Active	P0031367.32 Inactive	P0031593.43 Inactive	P0031593.42 Inactive	P0031798.84-NLN1 Inactive	P0031798.84-ITN1 Inactive	P0033831.00-USU1 Active	P0033536.00-USU1 Inactive	P0031798.84-LIN1 Inactive	P0031798.84-GBN1 Inactive	P0031798.84-FRN1 Inactive	P0031798.84-ESN1 Inactive	P0031798.84-DEN1 Inactive	P0031798.84-CHU1 Inactive	P0031798.84-BEU1 Inactive	P0031798.84-ATN1 Inactive	P0034574.00-USU1 Active
US - United States	e US - United States	KR - Republic of Korea	e KR - Republic of Korea	e NL - Netherlands	e IT-Italy	US - United States	e US - United States	e LI - Liechtenstein	GB - United Kingdom	e FR - France	e ES - Spain	e DE - Germany	e CH - Switzerland	e BE - Belgium	e AT - Austria	US - United States
8,029,540				0987991	0987991	8,157,842	8,372,117	0987991	0987991	0987991	0987991	69840721.0 08	0987991	0987991	427707	8,002,748
11/429,733	60/679,377	10-2009- 7007672	10-2009- 7007674	98925208.5	98925208.5	12/483,812	12/479,072	98925208.5	98925208.5	98925208.5	98925208.5	98925208.5	98925208.5	98925208.5	98925208.5	12/386,971
Inter-Cervical Facet Implant with Implantation Tool	INTER-CERVICAL FACET IMPLANT WITH IMPLANTATION TOOL	Hand-Held Instruments That Access Interior Body Regions	Hand-Held Instruments That Access Interior Body Regions	Systems and Treating Fractured or Diseased Bone Using Expandable Bodies	Systems and Treating Fractured or Diseased Bone Using Expandable Bodies	Interspinous Implant and Methods of Use	Multi- Level Interspinous Implants and Methods of Use	Systems and Treating Fractured or Diseased Bone Using Expandable Bodies	Systems and Treating Fractured or Diseased Bone Using Expandable Bodies	Systems and Treating Fractured or Diseased Bone Using Expandable Bodies	Systems and Treating Fractured or Diseased Bone Using Expandable Bodies	Systems and Treating Fractured or Diseased Bone Using Expandable Bodies	Systems and Treating Fractured or Diseased Bone Using Expandable Bodies	Systems and Treating Fractured or Diseased Bone Using Expandable Bodies	Systems and Treating Fractured or Diseased Bone Using Expandable Bodies	Digital Syringe with Compensation Control

P0031065.64	P0031061.157	P0032519.02-EPU1	P0032519.04	P0032519.03	P0034743.00-USU1	P0034742.00-USU1	P0031388.17	P0031388.18	P0033214.12	P0033214.11	P0033214.09	P0033214.07 P0033214.08 P0033214.10
Inactive	Inactive	Active	Inactive	Inactive	Active	Active	Inactive	Active	Inactive	Inactive	Inactive	Inactive Inactive Inactive
KR - Republic of Korea	US - United States	EP - European Patent Office (EPO)	AU - Australia	CN - China	US - United States 8,372,082	US - United States	EP - European Patent Office (EPO)	JP - Japan	MX - Mexico	(EPO) KR - Republic of Korea	EP - European Patent Office	AU - Australia CN - China JP - Japan
	8,128,661	2131790	200821900 2		8,372,082	9,005,209						
10-2009- 7022608	12/559,295	08725975.0	2008219002	20088000987 3.1	12/512,937	12/512,929	08705955.6	2009-547358	waiting	waiting		2009203097 waiting waiting
Percutaneous Spinal Implants and Methods	Interspinous Process Distraction System and Method With Positionable Wing and Method	Expandable Devices for Emplacement in Bone and Other Body Parts and Methods of Use of Such Devices	Expandable Devices for Emplacement in Bone and Other Body Parts and Methods of Use of Such Devices	, Expandable Devices for Emplacement in Bone and Other Body Parts and Methods of Use of Such Devices	Surgical Apparatus with Force Limiting Clutch	HIGH PRESSURE SURGICAL SYSTEM	INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION	INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION	Medical Implants and Methods	Medical Implants and Methods	Medical Implants and Methods	Medical Implants and Methods Medical Implants and Methods Medical Implants and Methods

P0031798.163-DEV1	P0031798.163-BEV1	P0031798.163-ATV1	P0022377.02	P0033832.00-USU1	P0032240.05	P0032240.03	P0032240.04	P0032240.02	P0032310.03	P0031065.65	P0031065.66	P0031065.61	P0031065.63	P0031065.62
Inactive	Inactive	Inactive	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Inactive	Inactive	Inactive
DE - Germany	BE - Belgium	AT - Austria	US - United States	US - United States	AU - Australia	EP - European Patent Office (EPO)	KR - Republic of Korea	JP - Japan	EP - European Patent Office (EPO)	AU - Australia	MX - Mexico	JP - Japan	CN - China	EP - European Patent Office (EPO)
60233609.0 08	1820463	E441.377	8,029,550						2131798				200880014 395.3	
60233609.0 [.] 07075421.3 08	07075421.3	07075421.3	12/573,779	12/569,513	2008232895	08744310.7	10-2009- 7022568	2010-501158	08744311.5	2008232900	MX/a/2009/0 10375	2010-501160	20088001439 5.3	08744318.0
Bone Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone	Bone Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous	Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous	Intervertebral Prosthetic Device for Spinal Stabilization and Method of Implanting Same	Interspinous Process Implant Having a Compliant Spacer	Apparatuses and Methods for Bone Screw Augmentation	Apparatuses and Methods for Bone Screw Augmentation	Apparatuses and Methods for Bone Screw Augmentation	Apparatuses and Methods for Bone Screw Augmentation	Apparatus and Method for Medical Procedures Within a Spine	Percutaneous Spinal Implants and Methods	PERCUTANEOUS SPINAL IMPLANTS AND METHODS	Percutaneous Spinal Implants and Methods	Percutaneous Spinal Implants and Methods	Percutaneous Spinal Implants and Methods

P0031798.163-GBV1	Inactive	GB - United Kingdom	1820463	07075421.3	Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone
P0031061.159	Inactive	US - United States	8,740,943	12/582,618	SPINE DISTRACTION IMPLANT AND METHOD
P0031097.64-ESV1	Inactive	ES - Spain	1459689	4076440.9	System for Introducing a Materials Into A Bone
P0026643.06	Inactive	AU - Australia		2008251531	Posterior Stabilization and Spinous Process Systems and Methods
P0026643.07	Inactive	MX - Mexico		MX/a/2009/0 12086	Posterior Stabilization and Spinous Process Systems and Methods
P0026643.05	Inactive	KR - Republic of		10-2009- 702/830	Posterior Stabilization and Spinous Process Systems
P0026643.02	Inactive	JP - Japan		2010-507638	POSTERIOR STABILIZATION AND SPINOUS PROCESS SYSTEMS AND METHODS
P0033513.01	Inactive	JP - Japan EP - European		2009-236843	Spinal Implants Having Multiple Movable Members
P0033513.02	Inactive	Patent Office (EPO)		09173784.1	Spinal Implants Having Multiple Movable Members
P0033512.01	Inactive	EP - European Patent Office (EPO)		09173813.8	Extension Limiting Devices and Methods of Use for the Spine
P0033512.02	Inactive	JP - Japan		2009-236866	Extension Limiting Devices and Methods of Use for the Spine
P0036994.00-USP1	Inactive	US - United States		60/478,841	Expandable Device for Treating Fractured and/or Osteporotic Bone
P0036995.00-USP1	Inactive	US - United States		60/529,612	Expandable Disc Nucleus Prosthesis
P0036998.00-USP1	Inactive	US - United States		60/534,377	Biodegradable Balloon for Treating Fractured and/or Osteoporotic Bone
P0037001.00-USP1	Inactive	US - United States		60/554,558	Deformable Disc Nucleus Prosthesis
P0037003.00-ILU1	Inactive	IL - Israel		160987	Deformable Tools and Implants

WO - World

P0037241.00-USP1	P0037231.02	P0037231.01	P0037231.00-ILU1	P0032345.00-USU1	P0036132.00-USU1	P0035105.00-USU1	P0034996.00-USU1	P0037003.06	P0037003.05	P0037003.04	P0037003.03	P0037003.02	P0037003.01
Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States	US - United States	WO - World Intellectual Property Organization (WIPO)	IL - Israel	US - United States	US - United States 8,262,609	US - United States	US - United States 8,771,317	US - United States	KR - Republic of Korea	JP - Japan 4638424	Patent Office (FPO)	CN - China EP - European	Intellectual Property Organization (WIPO)
60/038,618	10/628,499	PCT/IL2002/0 00077	141147	12/609,984	12/608,935	12/607,829	12/607,917	10/561,124	10-2005- 7024286	2006-516803	04744868.3	20048002368 4.1	PCT/IL2004/0 00527
Intervertebral Disc Prothesis	Spacer Filler	Spacer Filler	Spacer Filler	Adjustable Saddle for a Bone Anchor	Anterior Inflation Balloon	Expandable Device for Bone Manipulation	Interspinous Process Implant and Method of Implantation	DEFORMABLE TOOLS AND IMPLANTS	Deformable Tools and Implants	Deformable Tools and Implants	Deformable Tools and Implants	Deformable Tools and Implants	Deformable Tools and Implants

P0037241.08-ITN1	P0037241.08-GBN1	P0037241.08-FRN1	P0037241.08-ESN1	P0037241.08-DEN1	P0037241.08-CHU1	P0037241.09	P0037241.08-EPU1	P0037241.07	P0037241.06	P0037241.05	P0037241.04	P0037241.03	P0037241.02	P0037241.01
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
IT - Italy	GB - United Kingdom	FR - France	ES - Spain	DE - Germany	CH - Switzerland	JP - Japan	EP - European Patent Office (EPO)	CA - Canada	US - United States	US - United States	AU - Australia	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States
1011464	1011464	1011464	1011464	69839051.2· 08	1011464		1011464	2283190		6,127,597	745916			
98910912.9	98910912.9	98910912.9	98910912.9	98910912.9	98910912.9	2010-538320	98910912.9	2,283,190	09/543,313	09/036,719	65136/98	IB98/000523	60/071,531	60/038,942
Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair	Intervertebral Disc Prothesis	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair	Intervertebral Disc Prothesis	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair	Percutaneous Inserted Bone Fixator Apparatus and Method	Intramedullar Bone Fixation

P0037301.02	P0037301.01	P0037301.00-USP1	P0032311.04	P0032311.03	P0037300.02	P0037300.01	P0037300.00-ILU1	P0037241.14	P0037241.13	P0037241.12	P0037241.11	P0037241.10
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
CA - Canada	WO - World Intellectual Property Organization	US - United States	EP - European Patent Office (EPO)	JP - Japan	US - United States 7,189,240	WO - World Intellectual Property Organization (WIPO)	IL - Israel	JP - Japan	EP - European Patent Office (EPO)	AU - Australia	AU - Australia	AU - Australia
		•			7,189,240		131197		1905392			
2,629,407	PCT/IL2005/0 01198	60/627,141	08769576.3	2010-510424	10/031,450	PCT/IL2000/0 00458	131197	2008-063189	08001042.4	29259/02	29257/02	29261/02
Assembled Prosthesis Such as a Disc	Assembled Prosthesis Such as a Disc	Minimally Invasive Artificial Disc Device and Method	Spinous Process Implants and Methods of Using the Same	Spinous Process Implants and Methods of Using the Same	Method and Apparatus for Spinal Procedures	Method and Apparatus for Spinal Procedures	Method and Apparatus for Spinal Procedures	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair

P0037367.07-EPN1	P0037367.06	P0037367.05	P0037367.04	P0037367.03	P0037367.02	P0037367.01	P0037367.00-ILU1	P0037301.08	P0037301.07	P0037301.06	P0037301.05	P0037301.04	P0037301.03
Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
Patent Office 1148851 (EPO)	WO - World Intellectual Property Organization (WIPO) ED - Furonean	US - United States	(EPO) JP - Japan 4681123	EP - European Patent Office	WO - World Intellectual Property Organization (WIPO)	US - United States	IL-Israel	US - United States	IN - India	JP - Japan	(EPO) IL - Israel	EP - European Patent Office	CN - China
00901873.0	PCT/IL2000/0 00056	09/890,320	2000-596185	00901312.9	PCT/IL2000/0 00055	60/120,184	128261	11/667,759	2556/CHENP/ 2005	2007-540834	183250	05804488.4	20058004630 1.7
Expandable Element Delivery System	Expandable Element Delivery System	Expandable Element	Expandable Element	Expandable Element	Metal Processing Method	Metal Processing Method	Expandable Element	Assembled Prosthesis Such as a Disc	Assembled Prosthesis Such as a Disc	Assembled Prosthesis Such as a Disc	Assembled Prosthesis Such as a Disc	Assembled Prosthesis Such as a Disc	Assembled Prosthesis Such as a Disc

P0037367.07-DEN1	Inactive	DE - Germany	60028186.8 08	00901873.0	Expandable Element Delivery System
P0037367.07-ESN1	Inactive	ES - Spain	1148851	00901873.0	Expandable Element Delivery System
P0037367.07-FRN1	Inactive	FR - France	1148851	00901873.0	Expandable Element Delivery System
P0037367.07-GBN1	Inactive	GB - United Kingdom	1148851	00901873.0	Expandable Element Delivery System
P0037367.07-IEN1	Inactive	IE - Ireland	1148851	00901873.0	Expandable Element Delivery System
P0037367.07-ITN1	Inactive	IT - Italy	1148851	00901873.0	Expandable Element Delivery System
P0037367.07-NLN1	Inactive	NL - Netherlands	1148851	00901873.0	Expandable Element Delivery System
P0037367.08	Inactive	JP - Japan	4257393	2000-595626	Expandable Element Delivery System
P0037367.09	Active	US - United States	7,097,648	09/890,318	Expandable Element Delivery System
P0037367.10	Inactive	WO - World Intellectual Property Organization (WIPO)		PCT/IL2000/0 00058	Expandable Intervertebral Spacer
P0037367.12	Inactive	JP - Japan	4362235	2000-595624	Expandable Intervertebral Spacer
P0037367.13	Inactive	US - United States	7,621,950	09/890,172	Expandable Intervertebral Spacer
P0037367.14	Inactive	EP - European Patent Office (EPO)		05075400.1	Expandable Intervertebral Spacer
P0037367.15 P0037367.16	Inactive Inactive	HK - Hong Kong JP - Japan	4897766	06100321.4 2008-266752	Expandable Intervertebral Spacer Expandable Intervertebral Spacer
P0037367.17	Active	US - United States 8,728,160	8,728,160	11/042,546	EXPANDABLE INTERVERTEBRAL SPACER
P0037367.18	Inactive	US - United States		11/785,757	Expandable Element

P0031798.204	Inactive	US - United States	12/629,849	Systems and Methods for Treating Fractured or Diseased Bone Using Expandable Bodies
P0037380.00-ILU1	Active	IL-Israel	135273	Metal Processing Method
P0037380.01	Inactive	WO - World Intellectual Property Organization (WIPO)	IL00/000471	Expanding Bone Implants
P0037380.02	Active	Patent Office 1253864 (EPO)	00951812.7	Expanding Bone Implants
P0037380.03	Inactive	US - United States	10/182,352	Expanding Bone Implants
P0031097.152	Inactive	CN - China	20091014909 2.9	An Instrument for Compacting Cancellous Bone
P0031061.160	Inactive	US - United States 8,216,277	12/632,752	Spine Distraction Implant and Method
P0031798.202	Inactive	CA - Canada	2,683,004	Expandable Devices for Treatment of Fractured or diseased Bone
P0037398.00-ILU1	Inactive	IL - Israel	166984	Surrical Spine Sponge
P0037399.00-ILU1	Inactive	IL - Israel	119513	Percutaneous Inserted, Bone Fixator - Method and Related Device
P0037399.01	Inactive	IL - Israel	121106	Eletrocautery Probe
P0031798.205	Inactive	US - United States	12/646,319	Systems and Methods for Treating Fractured or Diseased Bone Using Expandable Bodies
P0033596.00-USU1	Active	US - United States 8,317,831	12/686,617	Interspinous Process Spacer Diagnostic Balloon Catheter and Methods of Use
P0032399.09	Inactive	US - United States	12/630,678	Pedicle Screw Assembly
P0035714.00-USU1	Active	US - United States 8,114,132	12/687,074	Dynamic Interspinous Process Device

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P0033064.04-ITN1	P0033064.04-GBN1	P0033064.04-FRN1	P0033064.04-DEN1	P0032308.03	P0032308.02	P0031097.68-GBN1	P0031097.68-FRN1	P0031097.68-DEN1	P0031097.68-CHU1	P0031097.68-ATN1	P0035788.00-USU1	P0031065.67	P0033492.00-USU1	PC0001076.09	P0036243.00-USU1
Inactive	Inactive	Active	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive
IT - Italy	GB - United Kingdom	FR - France	DE - Germany	EP - European Patent Office (EPO)	JP - Japan	GB - United Kingdom	FR - France	DE - Germany	CH - Switzerland	AT - Austria	US - United States	EP - European Patent Office (EPO)	US - United States	US - United States	US - United States
2004073	2004073	2004073	602007005 360.9			1328203	1328203	60140558.7· 08	1328203	E 448742				8,043,336	
07734301.0	07734301.0	07734301.0	07734301.0	08798773.1	2010-523108	01988557.3	01988557.3	01988557.3	01988557.3	01988557.3	12/696,848	10000154.4	12/693,717	12/691,270	12/687,046
Device for Treating Vertebrae, Including an Interspinous Implant	Device for Treating Vertebrae, Including an Interspinous Implant	Device for Treating Vertebrae, Including an Interspinous Implant	Device for Treating Vertebrae, Including an Interspinous Implant	Spinous-Process Implants and Methods of Using the Same	Spinous-Process Implants and Methods of Using the Same	Systems for Reducing Fractured Bone Using a Fracture Reduction Cannula	Systems for Reducing Fractured Bone Using a Fracture Reduction Cannula	Systems for Reducing Fractured Bone Using a Fracture Reduction Cannula	Systems for Reducing Fractured Bone Using a Fracture Reduction Cannula	Systems for Reducing Fractured Bone Using a Fracture Reduction Cannula	STEERABLE BALLOON CATHETER	Percutaneous Spinal Implants and Methods	Surgical Cutting Tool and Method	Posterior Vertebral Support Assembly	Articulating Interspinous Process Clamp

P0033581.01	P0034574.01	P0031097.153	P0031029.22	P0031115.15	P0037894.00-USI1	P0032286.05	P0032286.03	P0032286.02	P0032286.04	P0031497.23	P0031065.68	P0035876.00-USU1
Inactive	Inactive	Inactive	Active	Active	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active
WO - World Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States 7,942,963	US - United States 8,888,816	US - United States 8,221,349	AU - Australia	CN - China	EP - European Patent Office (EPO)	KR - Republic of Korea	US - United States 7,972,340	KR - Republic of Korea	US - United States 8,147,526
PCT/US2010/ 030478	PCT/US2010/ 030512	12/731,571	12/727,643	12/725,129	12/722,449	2008305288	20088011231 9.6	08833238.2	2010- 07008385	12/718,415	10-2010- 7003047	12/714,173
Distraction Tool For Distracting an Interspinous Space	Digital Syringe with Compensation Control	Methods for Placing Materials Into Bone	Magnesium Ammonium Phosphate Cement Composition	DISTRACTIBLE INTERSPINOUS PROCESS IMPLANT AND METHOD OF IMPLANTATION	Anterior Inflation Balloon	Methods and Apparatus Having Multiple Separately Actuatable Expandable Members	20088011231 Methods and Apparatus Having Multiple Separately 9.6 Actuatable Expandable Members	Methods and Apparatus Having Multiple Separately Actuatable Expandable Members	Methods and Apparatus Having Multiple Separately Actuatable Expandable Members	Systems and Methods for Injecting Flowable Materials Into Bones	Percutaneous Spinal Implants and Methods	Interspinous Process Spacer Diagnostic Parallel Balloon Catheter and Methods of Use

P0031034.07	P0031034.08	P0031034.06	P0031061.161	P0031030.09	P0033536.01	P0033831.01	P0034706.00-USU1	P0037853.00-USU1	P0037993.00-USU1	P0037949.00-USU1	P0037942.00-USU1	P0033036.02
7	∞	6	61	9	1	1	0-USU1	0-USU1	0-USU1	0-USU1	0-USU1	2
Active	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Active	Inactive	Inactive	Inactive	Inactive	Inactive
DE - Germany	ES - Spain	CH - Switzerland	US - United States	US - United States	Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States	US - United States	US - United States	US - United States	EP - European Patent Office (EPO)
602006014 562.4	1931399	1931399	8,349,013	8,715,410			8,876,833					
06776621.2	06776621.2	06776621.2	12/821,077	12/792,526	PCT/US2010/ 037348	PCT/US2010/ 037353	12/771,812	12/770,446	12/766,763	12/766,642	12/763,368	08857246.6
Bone Cement Composition and Method of Making the Same	Bone Cement Composition and Method of Making the Same	Bone Cement Composition and Method of Making the Same	Spine Distraction Implant	Strontium-Apatite Cement Preparations, Cements Formed Thereform, and Uses Thereof	PCT/US2010/ Multi- Level Interspinous Implants and Methods of 037348 Use	Interspinous Implant and Methods of Use	Multi-Port Delivery System	EXPANDABLE IMPLANTS FOR STABILIZING ADJACENT ANATOMICAL STRUCTURES	MULTI-DIRECTIONAL CEMENT DELIVERY SYSTEM	Lumbar-Sacral Strut	Ala rods for lumbar-sacral interspinous process device	Threaded Access Cannula and Methods of Using The Same

P0033214.22	P0034054.00-USP1	P0038884.00-USU1	P0037721.00-USU1	P0037163.00-USU1	P0038452.00-USU1	P0031097.154	P0037908.00-USU1	P0033214.17	P0033214.16	P0033214.15	P0033214.14	P0033214.13	P0037003.07	P0031034.12	P0031034.11	P0031034.10	P0031034.09
22)0-USP1)0-USU1)0-USU1)0-USU1)0-USU1	L54)0-USU1	17	91	5	4	Б)7	L2	[1	[0)9
Inactive	Inactive	Active	Active	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active
AU - Australia	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States	KR - Republic of Korea	CN - China	MX - Mexico	Patent Office (EPO)	JP - Japan EP - European	JP - Japan	LI - Liechtenstein	IT - Italy	GB - United Kingdom	FR - France
		8,814,908	8,992,540	8,979,863	8,562,610									1931399	1931399	1931399	1931399
2009210646	61/367,591	12/843,322	12/841,974	12/841,924	12/835,357	12/829,757	12/836,782	10-2010- 7019841	20098010413 6.4	MX/a/2010/0 08513	09708152.5	2010-545923	2010-144657	06776621.2	06776621.2	06776621.2	06776621.2
Implants for the Vertebral Column	CALCIUM PARTICLE-EMBEDDED, SNAP-TO-DOUGH, HIGH-VISCOSITY BONE CEMENT	INJECTABLE FLEXIBLE INTERSPINOUS PROCESS DEVICE SYSTEM	Adjustable Surgical Instruments and methods of use and fabrication	EXPANDABLE SURGICAL INSTRUMENTS AND METHODS OF USE AND FABRICATION	Compliant Device and Method for Cutting an Intervertebral Disc	SYSTEMS AND METHODS FOR PLACING MATERIALS INTO BONE	Flexing Links for Intervertebral Stabilization	Spine Distraction Tools	Spine Distraction Tools	Spine Distraction Tools and Methods of Use	SPINE DISTRACTION TOOLS AND METHODS OF USE	Spine Distraction Tools	Deformable Tools	Bone Cement Composition and Method of Making the Same	Bone Cement Composition and Method of Making the Same	Bone Cement Composition and Method of Making the Same	Bone Cement Composition and Method of Making the Same

P0033832.01	P0033598.02	P0033176.06	P0033176.05	P0033176.04	P0033176.02	P0033176.03	P0031385.05	P0038085.00-USU1	P0037313.00-USU1	P0038011.00-USU1	P0033214.19	P0033214.21	P0033214.20	P0033214.18
Inactive	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
WO - World Intellectual Property Organization (WIPO)	US - United States 8,177,812	AU - Australia	KR - Republic of Korea	CN - China	JP - Japan	EP - European Patent Office 2262435 (EPO)	US - United States	US - United States 8,257,379	US - United States	US - United States	EP - European Patent Office (EPO)	KR - Republic of Korea	CN - China	JP - Japan
PCT/US2010/ 048583	12/807,337	2009228922	10-2010- 7023733	20098011007 9.0	2011-501888	09723738.2	12/856,426	12/846,117	12/846,544	12/845,668	09709255.5	10-2010- 7019905	20098010776 9.0	2010-545922
PCT/US2010/ Interspinous Process Implant Having a Compliant 048583 Spacer	Bone Fusion Device and Methods	Foldable Devices for Emplacement in the Spine and Methods Associated Therewith	Foldable Devices for Emplacement in the Spine and Methods Associated Therewith	Foldable Devices for Emplacement in the Spine and Methods Associated Therewith	Foldable Devices for Emplacement in the Spine and Methods Associated Therewith	Foldable Devices for Emplacement in the Spine and Methods Associated Therewith	INTERSPINOUS PROCESS APPARATUS AND METHOD WITH SELECTABLY EXPANDABLE SPACER	Tissue Structure Perforation System and Method	Expandable Cannula Assemblies for Use in Percutaneous Surgical Procedures	Carpal Tunnel Drainage	Medical Implants and Methods	Implants for the Vertebtal Column	Implants for the Vertebral Column	Implants for the Vertebral Column

P0031798.206	P0034996.02	P0034996.01	P0031181.04	P0031061.168	P0031061.167	P0031061.166	P0031061.165	P0036132.01	PC0000753.11	P0031061.164	P0031061.163
Inactive	Inactive	Inactive	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
AT - Austria 1083836	JP - Japan	EP - European Patent Office (EPO)	US - United States 8,491,653	EP - European Patent Office (EPO)	EP - European Patent Office (EPO)	EP - European Patent Office (EPO)	EP - European Patent Office (EPO)	WO - World Intellectual Property Organization (WIPO)	US - United States	EP - European Patent Office (EPO)	EP - European Patent Office (EPO)
99955201.1	2010-239486	10189284.2	12/924,741	10009849.0	10009483.8	10009484.6	10009485.3	PCT/US2010/ 050357	12/889,866	10009486.1	10009487.9
Expandable Preformed Structures for Deployment in Interior Body Regions	Interspinous Process Implant and Method of Impantation	Interspinous Process Implant and Method of Impantation	Intervertebral Body Fusion Cage With Keels and Lateral Implantation Method	Spine Distraction Implant	Spine Distraction Implant and Method	Spine Distraction Implant and Method	Spine Distraction Implant and Method	Anterior Inflation Balloon	SYSTEMS AND METHODS FOR INTRAVERTEBRAL REDUCTION	Spine Distraction Implant and Method	Spine Distraction Implant and Method

P0031065.69	P0038122.00-USU1	PC0001086.09	PC0001086.08	P0038635.00-USU1	P0039390.00-USU1	P0039389.00-USU1	P0039902.00-USU1	P0031798.215	P0031798.214	P0031798.213	P0031798.212	P0031798.211	P0031798.210	P0031798.208	P0031798.209	P0031798.207
Inactive	SU1 Active	Active	Active	SU1 Inactive	SU1 Active	SU1 Active	SU1 Active	Inactive								
⁄e JP - Japan	US - United States	GB - United Kingdom	FR - France	/e US - United States	US - United States	US - United States	US - United States	e NL - Netherlands	⁄e LI - Liechtenstein	/e IT - Italy	GB - United ^{/e} Kingdom	⁄e FR - France	⁄e ES - Spain	/e CH - Switzerland	e DE - Germany	⁄e BE - Belgium
	s 9,549,760	1871252	1871252	v	s 8,740,982	s 9,414,930	s 8,404,268	1083836	1083836	1083836	1083836	1083836	1083836	1083836	69942858.0 [.] 08	1083836
2011-511694	12/915,540	06740642.1	06740642.1	12/912,594	12/911,981	12/911,988	12/911,967	99955201.1	99955201.1	99955201.1	99955201.1	99955201.1	99955201.1	99955201.1). 99955201.1	99955201.1
l Percutaneous Spinal Implants and Methods	REDUCED EXTRAVASATION OF BONE CEMENT	Systems, Devices and Methods for Stabilization of the Spinal Column	Systems, Devices and Methods for Stabilization of the Spinal Column	LOCAL DEHYDRATION FOR CARPAL TUNNEL SYNDROME	DEVICES CONTAINING A CHEMONUCLEOLYSIS AGENT AND METHODS FOR TREATING AN INTERVERTEBRAL DISC OR SPINAL ARACHNOIDITIS	ACTIVATABLE DEVICES CONTAINING A CHEMONUCLEOLYSIS AGENT	LOCALLY TARGETED ANTI-FIBROTIC AGENTS AND METHODS OF USE	Expandable Preformed Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions	Expandable Preformed Structures for Deployment in Interior Body Regions

P0031798.216	P0032367.04	P0037830.00-USU1	P0036243.02	P0036243.01	P0035714.02	P0035714.01		P0033596.01			P0031097.155		P0038047.00-USU1		P0036550.00-USU1		P0031065.71	P0031065.70
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive		Inactive			Inactive		Active		Active		Inactive	Inactive
US - United States	US - United States	US - United States	JP - Japan	Patent Office (EPO)	JP - Japan EP - European	Patent Office (EPO)	EP - European	Property Organization (WIPO)	Intellectual	NO NO LL	US - United States 8,454,620		US - United States 9,211,140		US - United States 8,409,257	(EPO)	EP - European Patent Office	EP - European Patent Office (EPO)
12/986,995	12/984,551	12/972,931	2011-000529	11150757.0	2011-003618	11150756.2		060635	PCT/HS2010/		12/961,690		12/953,882		12/943,606		10013353.7	09755613.8
Devices and methods using an expandable body with internal restraint for compressing cancellous bone	A Mechanical Cavity-Creation Surgical Device and Methods and Kits for Using Such Devices	Low Level Laser Therapy for Low Back Pain	Articulating Interspinous Process Clamp	Articulating Interspinous Process Clamp	Dynamic Interspinous Process Device	Dynamic Interspinous Process Device		060635 Catheter and Methods of Use	, Interchinate Process Spacer Diagnostic Balloon	Discilat Se For c	Using a Fracture Reduction Cannula With a Side	Systems and Methods for Reducing Fractured Bone	Methods for Performing Percutaneous Surgical Procedures Employing Same	Dynamically Expandable Cannulae and Systems and	SYSTEMS AND METHODS FOR FACET JOINT STABILIZATION		Percutaneous Spinal Implants and Methods	Percutaneous Spinal Implants and Methods

P0039938.00-USU1	P0039544.00-USU1	P0039543.00-USU1	P0039292.00-USU1	P0031065.72	P0031392.11	P0031798.226	P0031798.225	P0031798.224	P0031798.223	P0031798.222	P0031798.221	P0031798.220	P0031798.219	P0031798.218	P0031798.217
:.00-USU1	.00-USU1	.00-USU1	.00-USU1	.72	11	.226	.225	.224	.223	.222	.221	.220	.219	.218	.217
Inactive	Inactive	Active	Inactive	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States	US - United States	US - United States	US - United States	US - United States	US - United States	NL - Netherlands	LI - Liechtenstein	IT - Italy	GB - United Kingdom	FR - France	ES - Spain	DE - Germany	CH - Switzerland	BE - Belgium	AT - Austria
		8,591,549		8,454,693		1938765	1938765	1938765	1938765	1938765	1938765	69841759.3	1938765	1938765	1938765
13/014,939	13/082,952	13/082,946	13/082,935	13/033,915	13/006,262	08075130.8	08075130.8	08075130.8	08075130.8	08075130.8	08075130.8	69841759.3 08075130.8	08075130.8	08075130.8	08075130.8
INFLATABLE BONE TAMP WITH ADJUSTABLE WORKING LENGTH	LUMBAR-SACRAL IMPLANT	Variable Durometer Lumbar-Sacral Implant	Viscoelastic Lumbar-Sacral Implant	Percutaneous Spinal Implants and Methods	INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WINGS AND METHOD OF IMPLANTATION	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies	Systems for Treating Fractured or Diseased Bone Using Expandable Bodies

BODIES	13/089,210	US - United States 8,454,663	Inactive	P0031097.157
LUMBAR-SACRAL IMPLANT ALLOWING VARIABLE ANGLE FIXATION SYSTEMS AND METHODS FOR TREATING VERTEBRAI	13/082,966	US - United States	Inactive	P0039545.00-USU1
APPARATUS AND METHODS FOR MIXING MATERIALS	13/086,144	US - United States	Inactive	P0041081.00-USU1
Percutaneous Spinal Implants and Methods	2011201161	AU - Australia	Inactive	P0031065.74
Sacral Brace	13/053,944	US - United States	Inactive	P0039313.00-USU1
INTERSPINOUS PROCESS IMPLANT AND METHOD OF IMPLANTATION	13/050,183	US - United States	Inactive	P0039309.00-USU1
SURGICAL TOOL FOR ADJUSTING A SPINAL IMPLANT	13/046,343	US - United States 8,512,348	Active	P0039471.00-USU1
2007-201197 Spine Distraction Implant and Method	2007-201197	JP - Japan	Inactive	P0031061.169
Anterior Inflation Balloon	PCT/US2011/ 025589	Intellectual Property Organization (WIPO)	Inactive	P0037894.01
Interspinous Process Spacer Diagnostic Parallel Balloon Catheter and Methods of Use	11155229.5	EP - European Patent Office (EPO)	Inactive	P0035876.02
Interspinous Process Spacer Diagnostic Parallel Balloon Catheter and Methods of Use	2011200640	AU - Australia	Inactive	P0035876.04
Interspinous Process Spacer Diagnostic Parallel Balloon Catheter and Methods of Use	2011-039168	JP - Japan	Active	P0035876.01
Interspinous Process Spacer Diagnostic Parallel Balloon Catheter and Methods of Use	10-2011- 17675	KR - Republic of Korea	Inactive	P0035876.03
20111004703 Interspinous Process Spacer Diagnostic Parallel 4.2 Balloon Catheter and Methods of Use	20111004703 4.2	CN - China	Inactive	P0035876.05
RADIOPAQUE EXPANDABLE BODY AND METHODS	13/034,586	US - United States	Inactive	P0032371.04
INFLATABLE BONE TAMP WITH PREDETERMINED EXTENSIBILITY	13/016,884	US - United States 8,961,525	Active	P0040959.00-USU1

P0041062.00-USU1	Active	US - United States	9,554,840	13/082,781	LOW COST LOW PROFILE INFLATABLE BONE TAMP
P0041060.00-USU1	Inactive	US - United States		13/082,770	RETRACTABLE INFLATABLE BONE TAMP
P0032205.06	Inactive	US - United States		13/104,727	Low-Compliance Expandable Medical Device
P0040114.00-USU1	Inactive	US - United States		13/091,265	TOOLS AND METHODS FOR THE PREPARATION OF THE FACET JOINT
P0039905.00-USU1	Inactive	US - United States		13/094,451	DEVICES AND METHODS FOR OSTEOLYTIC LESION ASSESSMENT USING A STEERABLE CATHETER
P0039481.00-USU1	Inactive	US - United States		13/094,654	CANNULA ASSEMBLY WITH NON-CIRCULAR PROFILE AND METHOD OF USE
P0034996.03	Inactive	CN - China			Interspinous Process Implant and Method of Impantation
P0039941.00-USU1	Active	US - United States	8,728,081	13/098,006	BONE TAMP AND METHODS OF USE
P0037241.18	Inactive	GB - United Kingdom	1905392	08001042.4	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair
P0037241.19	Inactive	LI - Liechtenstein	1905392	08001042.4	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair
P0037923.00-USU1	Inactive	US - United States		13/100,408	METHODS AND INSTRUMENTS FOR USE IN VERTEBRAL TREATMENT
P0031391.21 P0037241.17	Active Inactive	JP - Japan FR - France	5331138 1905392	2011-033222 08001042.4	INTERSPINOUS IMPLANT Systems for Percutaneous Bone and Spinal
P0037241.16	Inactive	DE - Germany	69842281.3	69842281.3 08001042.4	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair
P0037241.15	Inactive	CH - Switzerland	1905392	08001042.4	Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair
		WO - World Intellectual		PCT/US2011/	
P0034706.01	Inactive	Property Organization (WIPO)		033757	Multi-Port Delivery System

P0031065.75	Inactive	CN - China	20111010057 1.9	Percutaneous Spinal Implants and Methods
P0031367.USC35	Active	US - United States 8,425,530	13/197,841	Inter-Cervical Facet Joint Fusion Implant
P0042162.USU1	Active	US - United States 8,454,615	13/176,397	Combination Directional and Non-Directional Bone Tamp
P0031355.USC4	Inactive	US - United States		Disk Replacement Endoprosthesis
P0034054.WOU2	Inactive	WO - World Intellectual Property Organization (WIPO)	PCT/US2011/ 045338	PCT/US2011/ CALCIUM PARTICLE-EMBEDDED, SNAP-TO-DOUGH, 045338 HIGH-VISCOSITY BONE CEMENT
C00001610.S0	Inactive			CRYO BALLOON KYPHOPLASTY — SPINAL DENERVATION
P0034574.USV3	Active	US - United States 8,257,310	13/196,256	Digital Syringe with Compensation Control
P0031593.JPV45	Inactive	JP - Japan	2011-170814	Hand-Held Instruments That Access Interior Body Regions
P0032528.USC3	Active	US - United States 8,372,115	13/231,738	Bone Support Device, System, and Method
P0031097.JPV172	Inactive	JP - Japan 5236058	2011-194091	2011-194091 Systems and Methods for Treating Vertebral Bodies
P0032287.DEN5	Inactive	DE - Germany 1909671	06774646.1	Systems and Methods for Inserting Biocompatible Filler Materials in Interior Body Regions
P0032287.FRN6	Inactive	FR - France 1909671	06774646.1	Systems and Methods for Inserting Biocompatible Filler Materials in Interior Body Regions
P0032287.GBN7	Inactive	GB - United 1909671 Kingdom	06774646.1	Systems and Methods for Inserting Biocompatible Filler Materials in Interior Body Regions
P0032287.ITN8	Inactive	IT - Italy 1909671	06774646.1	Systems and Methods for Inserting Biocompatible Filler Materials in Interior Body Regions
P0031752.JPV27	Inactive	JP - Japan	2011-209138	2011-209138 Insertion Devices and Methods of Use

P0037110.USU1	P0039941.WOU2	P0036132.KRN6	P0036132.JPN5	P0036132.EPN4	P0036132.CNN3	P0040959.WOU2	P0039938.WOU2	P0038122.WOU2	P0032306.USV14
Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active
US - United States	Intellectual Property Organization (WIPO)	KR - Republic of Korea	JP - Japan	EP - European Patent Office (EPO)	CN - China	Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)	Intellectual Property Organization (WIPO)	US - United States
					ZL 201080048 034.8				8,926,620
	PCT/US2012/ 032412	10-2012- 7013374		10760570.1	20108004803 4.8			PCT/US2011/ 057877	13/247,879
Expendable soft cannula in a Percutaneous procedure	BONE TAMP AND METHODS OF USE	Anterior Inflation Balloon	Anterior Inflation Balloon	Anterior Inflation Balloon	Anterior Inflation Balloon	INFLATABLE BONE TAMP WITH PREDETERMINED EXTENSIBILITY	INFLATABLE BONE TAMP WITH ADJUSTABLE WORKING LENGTH	Reduced Extravasation of Bone Cement	Apparatus and Methods for Use of Expandable Members in Surgical Applications

C00001409.USU1	C00002385.USU1	P0032378.ITN17	P0032378.GBN16	P0032378.FRN15	P0032378.DEN14	P0032378.CHN13	P0035876.USC6	P0031389.USC9	P0038047.WOU1	P0039390.WOU1	P0039389.WOU1
Active	Active	Active	Active	Active	Active	Active	Active	Active	Inactive	Inactive	Inactive
US - United States 9,254,157	US - United States	IT - Italy	GB - United Kingdom	FR - France	DE - Germany	CH - Switzerland	US - United States	US - United States	WO - World Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)
9,254,157	9,204,914	1909673	1909673	1909673	1909673	1909673	8,840,617	8,591,546			
13/367,530	13/359,848	06800022.3	06800022.3	06800022.3	06800022.3	06800022.3	13/364,510	13/313,391	PCT/US2011/ 062146	PCT/US2011/ 057816	PCT/US2011/ 057868
BONE FRACTURE REDUCTION DEVICE AND METHODS USING SAME	CEMENT MIXER AND BONE FILLER DEVICE	Torque Limiting Device and Methods	Torque Limiting Device and Methods	Torque Limiting Device and Methods	Torque Limiting Device and Methods	Torque Limiting Device and Methods	IMPLANTATION Interspinous Process Spacer Diagnostic Parallel Balloon Catheter and Methods of Use	INTERSPINOUS PROCESS IMPLANT HAVING A THREAD-SHAPED WING AND METHOD OF	, Dynamically Expandable Cannulae and Systems and Methods for Performing Percutaneous Surgical Procedures Employing Same	, DEVICES CONTAINING A CHEMONUCLEOLYSIS AGENT AND METHODS FOR TREATING AN INTERVERTEBRAL DISC OR SPINAL ARACHNOIDITIS	PCT/US2011/ ACTIVATABLE DEVICES CONTAINING A 057868 CHEMONUCLEOLYSIS AGENT

P0033368.USU1	C00002703.USU1	P0034585.USU1	P0041887.USU1	P0042028.USU1	P0034739.USU1	P0042031.USU1	P0041791.USU1	C00001423.USU1	P0041794.USU1	C00002699.USU1	C00002702.USU1	C00002728.USU1	P0032287.CHN9	P0034744.USU1	P0041182.USU1
Inactive	1 Inactive	Active	Active	Active	Inactive	Inactive	Inactive	1 Inactive	Active	1 Inactive	1 Inactive	1 Inactive	Inactive	Active	Active
US - United States	US - United States	US - United States 9,095,394	US - United States 9,387,030	US - United States 9,358,715	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States	CH - Switzerland 1909671	US - United States 9,163,749	US - United States 8,852,253
		13/456,597	13/735,671	13/445,988	13/455,638	13/446,277		13/414,514	13/840,477	13/446,347			06774646.1	13/738,014	13/360,327
Ribbed Balloon to Assist Refolding of Compliant Balloons	IBT with an Engineered Shaft in Conjunction with a Slotted Cannula to Achieve Angled Inflation	CEMENT DELIVERING DEVICE AND METHOD	CATHETER WITH INTEGRATED CEMENT DELIVERY BALLOON	Mixer Gun System and Method	SYSTEM AND DEVICE FOR PROVIDING NUTRITION TO INTERVERTEBRAL TISSUE AND METHODS OF USE	BONE CEMENT COMPONENT INJECTION SYSTEM WITH REDUCED FUME EXPOSURE AND METHOD	High Viscosity Mixer - Rise and Fall with Continuous Motion	ANGLED INFLATABLE COMPOSITE BALLOON AND METHOD	BONE CEMENT MIXING AND DELIVERY SYSTEM WITH REDUCED FUME EXPOSURE	CANNULATED LOCKING BONE FASTENER	Inflatable Bone Tamp with a Built-in Bone Filler Device	Surgical Clamp to Facilitate Balloon Assisted Calcaneal Fracture Reduction	Systems and Methods for Inserting Biocompatible Filler Materials in Interior Body Regions	VALVE CONTROL MECHANISM AND METHOD	ANCHORED CANNULA

P0042032.USU1	P0038743.USU1	C00002591.USU1	C00003491.USU1	C00003516.S0	C00003491.S0	C00003473.S0	P0031752.ITN30	P0032379.FRN6	P0032379.DEN5	P0039545.WOU1	C00003050.USU1	C00003051.USU1	P0031752.DEN29	P0031752.FRN28
Active	Active	Active	Active	Inactive	Inactive	Inactive	Inactive	Active	Active	Inactive	Active	Inactive	Inactive	Inactive
US - United States 9,480,955	US - United States	US - United States	US - United States				IT - Italy	FR - France	DE - Germany	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States	DE - Germany	FR - France
9,480,955	9,730,746	9,295,510						2068950	602007023 480.8				60146294.7	1272113
13/735,608	13/838,794	13/760,876	13/760,132					07861358.5	07861358.5	PCT/US2012, 027967	13/773,227	13/455,212	60146294.7 01926662.6	01926662.6
BONE CEMENT MIXING AND DELIVERY SYSTEM WITH REDUCED FUME EXPOSURE	DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHOD	DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHODS OF USE	BONE REDUCTION DEVICE HAVING RO MARKERS AND METHOD OF USING THE SAME	BFT (Balloon Functional Testing)	Matrix of printed RO marks on stripe flat/pancake balloon for treating fractures in extremities	Sterilization combining UV pulsed light & induced ozone	Insertion Devices and Methods of Use	Diammonium Phosphate and Other Ammonium Salts and Their Use In Preventing Clotting(Kilpatrick sent this file to Medtronic for handling in-house)	Diammonium Phosphate and Other Ammonium Salts and Their Use In Preventing Clotting(Kilpatrick sent this file to Medtronic for handling in-house)	PCT/US2012/ LUMBAR-SACRAL IMPLANT ALLOWING VARIABLE 027967 ANGLE FIXATION	CANNULA WITH IMAGE MARKERS TO INDICATE EXPANDABLE DEVICE SIZE	Positional Guide	Insertion Devices and Methods of Use	Insertion Devices and Methods of Use

C00004280.S0 P0033176.DEN7	C00004267.S0	P0037380.FRN5	P0037380.DEN4	P0042162.WOU3	C00004073.S0	P00323/9.11N9		F00323/3.L3N0	DOOD DO ECNIO		P0032379.GBN7			P0032519.FRN6		P0032519.DEN5		P0042162.WOU2
Inactive Active	Inactive	Active	Active	Inactive	Inactive	Inactive		IIIactive	5		Inactive			Inactive		Inactive		Inactive
DE - Germany		FR - France	DE - Germany	Intellectual Property Organization (WIPO)	NO NOTE	II - Italy		ro - spaiii	EC (55);	NIIBOOII	GB - United) - -		FR - France		DE - Germany		WO - World Intellectual Property Organization (WIPO)
602009011 196.5		1253864	60047589.1			2068950		2000930	3060050		2068950			2131790		595.3	602000010	
09723738.2		00951812.7	60047589.1 00951812.7	PCT/US2012, 045484		0/861358.5		03/21/2000	00/21/2006		07861358.5			08725975.0		08725975.0		
Self Expanding Balloon for BKP Foldable Devices for Emplacement in the Spine and Methods Associated Therewith	Compliant sleeve for BKP IBT protection	Expanding Bone Implants	Expanding Bone Implants	PCT/US2012/ Combination Directional and Non-Directional Bone 045484 Tamp	Cadaveric Model for Calcaneous Fractures	and Their Use in Preventing Clotting(Kilpatrick sent this file to Medtronic for handling in-house)	Diammonium Phosphate and Other Ammonium Salts	this file to Medtronic for handling in-house)	and Their Hee In Dressenting Clerting/Vileatrick cont	this file to Medtronic for handling in-house) Diammonium Phosphate and Other Ammonium Salts		Diammonium Phosphate and Other Ammonium Salts	Devices	Other Body Parts and Methods of Use of Such	Devices Fynandable Devices for Emplecement in Rone and	Other Body Parts and Methods of Use of Such	Expandable Devices for Emplacement in Bone and	Combination Directional and Non-Directional Bone Tamp

Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof	06011541.7	1707543	ES - Spain	Inactive	P0031029.ESN24
Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof	06011541.7	1707543	DE - Germany	Active	P0031029.DEN23
Bone Substitute Compositions and Method of Use	05743201.5	1742680	IT - Italy	Inactive	P0031033.ITN14
Bone Substitute Compositions and Method of Use	05743201.5	1742680	GB - United Kingdom	Inactive	P0031033.GBN13
Bone Substitute Compositions and Method of Use	05743201.5	1742680	FR - France	Active	P0031033.FRN12
Bone Substitute Compositions and Method of Use	05743201.5	1742680	ES - Spain	Inactive	P0031033.ESN11
Bone Substitute Compositions and Method of Use	05743201.5	1742680	DK - Denmark	Inactive	P0031033.DKN10
Bone Substitute Compositions and Method of Use	05743201.5	1742680	DE - Germany	Active	P0031033.DEN9
Device, Apparatus and Method for RF Ablation of Disc Tissues Using a Probe with Expandable/Retractable Tip				Active	C00004737.S0
Attachment of surgical tool holder to patient arm				Inactive	C00004683.S0
Surgical tool holder for single, fixed tool trajectory Surgical tool holder for variable tool trajectory				Inactive Inactive	C00004674.S0 C00004675.S0
EXPANDABLE DEVICE AND METHODS OF USE	13/750,621	s 9,351,779	US - United States	Active	C00004280.USU1
SURGICAL SYSTEM AND METHODS OF USE	13/749,430	s 9,192,420	US - United States 9,192,420	Active	C00004267.USU1
Cement Mixer and Bone Filler Device	PCT/US2013/ 022859		Intellectual Property Organization (WIPO)	Inactive	C00002385.WOU2
Foldable Devices for Emplacement in the Spine and Methods Associated Therewith	09723738.2	2262435	FR - France WO - World	Active	P0033176.FRN8

C00005100.S0	C00005094.S0	C00005018.S0	C00005007.S0	P0034054.EPN4	P0034054.CNN3	P0038122.EPN7	C00004937.S0	C00004852.S0	P0032380.ITN12	P0032380.GBN11	P0032380.FRN10	P0032380.ESN9	P0032380.DEN8	P0031029.ITN27	P0031029.GBN26	P0031029.FRN25
30	30	ŝ	30	9N4	NN3	°N7	ŝô	80	N12	BN11	RN10	8N9	EN8	N27	BN26	RN25
Inactive	Inactive	Inactive	Inactive	Active	Active	Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive
				EP - European Patent Office (EPO)	CN - China	Patent Office (EPO)	1		IT - Italy	GB - United Kingdom	FR - France	ES - Spain	DE - Germany	IT - Italy	GB - United Kingdom	FR - France
				2598179					2029058	2029058	2029058	2029058	2029058	1707543	1707543	1707543
				11815064.8	20118003644 6.4	11837014.7			07809238.4	07809238.4	07809238.4	07809238.4	07809238.4	06011541.7	06011541.7	06011541.7
Low Cost IBT (iteration of previous disclosure)	Ligamentum Flavum Removal Tool using Loss of Resistance Methodology	Method of distal radius fracture reduction and fixation	Method for Chemical Denervation of the Basivertebral Nerve	CALCIUM PARTICLE-EMBEDDED, SNAP-TO-DOUGH, HIGH-VISCOSITY BONE CEMENT	20118003644 CALCIUM PARTICLE-EMBEDDED, SNAP-TO-DOUGH, 6.4 HIGH-VISCOSITY BONE CEMENT	REDUCED EXTRAVASATION OF BONE CEMENT	Chemical Denervation of the Basivertebral Nerve	Improved Tool for LSS Decompression	Self-Foaming Cement For Void Filling and/or Delivery Systems	Self-Foaming Cement For Void Filling and/or Delivery Systems	Self-Foaming Cement For Void Filling and/or Delivery Systems	Self-Foaming Cement For Void Filling and/or Delivery Systems	Self-Foaming Cement For Void Filling and/or Delivery Systems	Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof	Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof	Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof

C00005161.USU1	C00005177.S0 C00005178.S0	C00005163.S0	C00005161.S0	C00005100.USU1	C00005018.USU1	C00004937.USU1	C00004683.USU1	C00004675.USU1	C00004674.USU1	C00004852.USU1	C00005110.S0	C00005109.S0	C00005108.S0	C00005107.S0	C00005105.S0
Active	Inactive Inactive	Inactive	Inactive	Active	Active	Inactive	Inactive	Active	Active	Active	Inactive	Inactive	Inactive	Inactive	Inactive
US - United States 9,198,684				US - United States 9,149,318	US - United States 9,028,464	US - United States	US - United States	US - United States 9,247,980	US - United States 9,149,317	US - United States 9,050,109					
13/838,580				13/789,127	13/791,391	13/803,296	13/788,687	13/798,804	13/790,825	13/793,302					
FOR PROTECTING TISSUE ADJACENT TARGETED TISSUE AND METHOD FOR USE THEREOF	Rotating Cutter for Central Lumbar Decompression Ultrasonc Cutter for Lateral Decompression	Devices and methods to treat distal radius fractures	Devices to treat lumbar spinal stenosis	LOW COST INFLATABLE BONE TAMP	BONE FRACTURE REDUCTION SYSTEM AND METHODS OF USING THE SAME	DEVICES CONTAINING A CHEMICAL DENERVATION AGENT AND METHODS FOR TREATING CHRONIC BACK PAIN USING CHEMICAL DENERVATION	SURGICAL TOOL HOLDER	DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHOD	SURGICAL TOOL HOLDER	SURGICAL TOOL FOR LSS DECOMPRESSION	Radiofrequency Catheter to Target Ligamentum Flavum in Lumbar Spinal Stenosis	Formed Deployable Superelastic Blade to Debulk Ligamentum Flavum in Lumbar Spinal Stenosis	Steerable Catheter and Interventional Method for Treatment of Lumbar Spinal Stenosis	RF Enabled Inflatable Bone Tamp	Radiofrequency Balloon Catheter for Facet Rhizotomy

C00005110.USU1	C00005109.USU1	C00005108.USU1	C00005107.USU1	C00005105.USU1	C00005431.USU1	C00005430.USU1	C00005429.USU1	C00005428.USU1	C00005361.S0	C00005301.S0	C00005254.USU1	C00005254.S0	C00005235.S0	C00005163.USU1	C00005094.USU1
Active	Active	Active	Active	Active	Active	Active	Active	Active	Inactive	Inactive	Active	Inactive	Inactive	Inactive	Inactive
US - United States 9,028,488	US - United States 9282988	US - United States 9,216,057	US - United States 9,173,701	US - United States 9,861,431	US - United States 9,161,818	US - United States 9,427,272	US - United States 9,351,780	US - United States 9,295,528			US - United States 9,289,247			US - United States	US - United States
13/803,146	13/804,473	13/840,010	13/833,670	13/799,200	13/798,320	13/803,232	13/830,192	13/798,880			13/832,834			13/830,436	
RADIO FREQUENCY CATHETER TO TARGET LIGAMENTUM FLAVUM	AND EVACUATE TISSUE FORMED DEPLOYABLE SUPERELASTIC BLADE AND METHOD OF USE	STEERABLE CATHETER SYSTEM AND METHOD OF USING A STEERABLE CATHETER SYSTEM TO DISSECT	RF ENABLED INFLATABLE BONE TAMP	RADIOFREQUENCY INFLATABLE DEVICE	DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHOD	DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHOD	SURGICAL DEVICE WITH RATCHET MECHANISM FOR PERFORMING A SURGICAL PROCEDURE AND METHOD	DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHOD	HIGH PRESSURE REMOTE DELIVERY SYSTEM FOR BONE CEMENT	A Retractable Pen-like Mechanism to Dissect and Evacuate Ligamentum in Lumbar Spinal Stenosis	SURGICAL TOOL HOLDER	Device to Hold Cannula for Percutaneous Spinal Surgery	Distraction for the posterior elements (spinous processes, facets, interspinous space, etc)	DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHOD	Ligamentum Flavum Removal Tool using Loss of Resistance Methodology

P0039545.EPN2 Inactive	P0031065.USV76 Inactive	C00005904.S0 Inactive	C00005903.S0 Inactive	C00005902.S0 Inactive	C00005669.S0 Inactive	C00005668.S0 Inactive	C00005517.S0 Inactive	C00005434.USU1 Active	C00005434.S0 Inactive	C00005433.USU1 Active	C00005432.USU1 Active	C00005381.S0 Inactive	C00004073.USU1 Inactive	C00005301.USU1 Active	C00005178.USU1 Active	
EP - European Patent Office (EPO)	US - United States							US - United States 9,204,915		US - United States 9,271,750	US - United States 9,414,858		US - United States	US - United States 9,402,648	US - United States 9,289,227	
12767880.3	13/960,358							13/830,537		13/798,707	13/830,352			13/834,922	13/838,671	
LUMBAR-SACRAL IMPLANT ALLOWING VARIABLE ANGLE FIXATION	Percutaneous Spinal Implants and Methods	Kerrison Rongeur with Deployable Tip	SUCTION SUCTION	Epidural Balloon	Deployable Protective Sheet for Safe Access to Ligamentum Flavum	MULTI-TINE DESIGN TO CUT THROUGH SOFT TISSUE	DISCECTOMY TOOL WITH IRRIGATION	DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHOD	DEVICE FOR PERFORMING A SURGICAL PROCEDURE ON EXTREMITIES AND METHOD	EXPANDABLE CANNULA AND METHOD OF USE	BLUNT TIP SURGICAL CUTTING DEVICE AND METHOD	GRADUATED MARKINGS TO DETERMINE ANGULATION IN A CURVED NEEDLE APPLICATION	Cadaveric Model for Calcaneous Fractures	RETRACTABLE DEVICE TO DISSECT AND EVACUATE LIGAMENTUM FLAVUM IN LUMBER SPINAL STENOSIS	ULTRASONIC CUTTING DEVICE	

C00006977.USV2	C00006975.USU1	P0039941.USV6	C00007062.S0	C00007033.S0	C00006979.S0	C00006977.S0	C00006976.S0	C00006975.S0	C00006974.S0	C00006944.S0	P0031061.USC197	P0039941.USV5	C00003050.WOU2	P0032010.USC6	P0039941.CNN4	P0039941.EPN3
Active	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Inactive	Active	Active	Inactive	Inactive	Active	Active
US - United States 9,826,967	US - United States	US - United States									US - United States	US - United States 9,107,699	WO - World Intellectual Property Organization (WIPO)	US - United States	CN - China ZL2012800 21016.X	EP - European Patent Office (EPO)
14/619,547												14/132,349	PCT/US2014/ 017084	14/041,761	20128002101 6.X	12776507.1
CANNULA AND METHODS OF USE	DOVETAILED WAG AND HOLD CANNULA	BONE TAMP AND METHODS OF USE	SOFTWARE TO ENABLE SURGICAL TISSUE RECOGNITION AND NAVIGATION	SURGICAL CANNULA WITH CHANNELS FOR IRRIGATION AND SUCTION	ACCESS WITH DEPLOYABLE ANCHOR WIRE	FLEXIBLE CANNULA HOLDER	ANCHOR BY THREAD CANNULA	DOVETAILED WAG AND HOLD CANNULA	RETRACTING CANNULA WITH ILLUMINATION	TRIANCHOR EXPANDING CANNULA	Spine Distraction Implant and Method	BONE TAMP AND METHODS OF USE	PCT/US2014/ CANNULA WITH IMAGE MARKERS TO INDICATE 017084	INSTRUMENTS AND METHODS FOR FORMING A CAVITY	BONE TAMP AND METHODS OF USE	BONE TAMP AND METHODS OF USE

C00005105.WOU2	C00005107.WOU2	C00006978.USU1	C00001610.USU1	C00005361.USU1	C00005381.USU1	C00005517.USU1	C00005668.USU1	C00006944.USU1	C00006974.USU1	C00006977.USU1	C00006979.USU1	C00007033.USU1	C00007062.USU1
Inactive	Inactive	Inactive	Active	Active	Active	Inactive	Active	Active	Inactive	Active	Active	Active	Active
WO - World Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States 9,936,997	US - United States	US - United States 9,730,707	US - United States	US - United States	US - United States 9,848,864	US - United States	US - United States 9,675,333	US - United States 9,566,055	US - United States	US - United States
PCT/US2014/ 022452	PCT/US2014/ 022569		14/288,437	14/305,850	14/464,347		14/288,508	14/288,098	14/462,684	14/309,604	14/311,622	14/635,781	14/334,322
RADIOFREQUENCY INFLATABLE DEVICE	RF ENABLED INFLATABLE BONE TAMP	WAG AND HOLD ADJUSTABLE CANNULA	CRYOGENIC KYPHOPLASTY INSTRUMENT AND METHODS OF USE	HIGH PRESSURE REMOTE DELIVERY SYSTEM FOR CEMENT AND METHODS OF USE	SURGICAL INSTRUMENT WITH GRADUATED MARKINGS CORRELATING TO ANGULATION	DISCECTOMY TOOL WITH IRRIGATION	MULTI-TINE CUTTING DEVICE	ADJUSTABLE CANNULA AND METHODS OF USE	RETRACTING CANNULA WITH ILLUMINATION AND METHODS OF USE	CANNULA WITH FLEXIBLE HOLDER AND METHODS OF USE	CANNULA WITH DEPOLYABLE ANCHOR WIRE AND METHODS OF USE	SURGICAL CANNULA WITH CHANNELS FOR IRRIGATION AND SUCTION	SURGICAL TISSUE RECOGNITION AND NAVIGATION APPARATUS AND METHOD

C00005110.WOU2 C00008038.S0 C00008039.S0 C00008039.USU1 C00008039.USU1 C00008326.S0 C00002385.EPN3	Inactive Inactive Active Active Inactive Inactive	WO - World Intellectual Property Organization (WIPO) US - United States 9,820,792 US - United States 9,820,791 US - United States 9,545,281 EP - European Patent Office (EPO)	PCT/US2014/ 024053 14/466,454 14/466,464 14/316,299 13740496.8	PCT/US2014/ RADIO FREQUENCY CATHETER TO TARGET 024053 LIGAMENTUM FLAVUM 2 part bone cement delivery system - Hydraulic 2 part bone cement delivery system - Mechanical 14/466,454 BONE CEMENT MIXING AND DELIVERY DEVICE METHODS OF FILLING BONE USING BONE CEMENT MIXING AND DELIVERY DEVICES 14/316,299 Minimally Invasive Cement Delivery System Retainer Wag and Hold Cannula Fishbone Feature 13740496.8 Cement Mixer and Bone Filler Device ROUND KERRISON RONGEUR WITH CONTINUOUS
P0034579.USV1	Active		14/316,299	Minimally Invasive Cement Deliver
C00008326.S0	Inactive			Wag and Hold Cannula Fishbone Fe
C00002385.EPN3	Inactive	EP - European Patent Office (EPO)	13740496.8	Cement Mixer and Bone Filler Devi
C00005903.USU1	Inactive	US - United States		ROUND KERRISON RONGEUR WITH CONTINUOUS SUCTION
C00005007.USU1	Active	US - United States	15/070,195	DEVICES FOR DELIVERING A CHEMICAL DENERVATION AGENT AND METHODS OF USE
C00008559.S0	Active			Balloon Kyphoplasty IBT with Microwave applicator core
P0041182.USC2	Active	US - United States 9,345,513	14/480,713	ANCHORED CANNULA
C00008672.S0	Active			Microwave applicator with proximally shorted sleeve
P0034706.USC2	Active	US - United States 9,655,663	14/502,200	MULTI-PORT DELIVERY SYSTEM
C00008559.USU1	Active	US - United States	14/593,542	TUMOR ABLATION SYSTEM
C00010574.S0	Active			Unilateral Tandum Inflatable Balloon Tamp Concept

C00005668.WOU3 Ina	C00005668.WOU2 Ina	C00010898.S0 Ina	C00010886.S0 Ina C00010887.S0 Ina	C00005110.USC3 Ac	P0034742.USC1 Ac	C00005018.USC2 Ac	P0039941.HKN7 Ac	P0035332.FRN15 Ac	P0035332.DEN14 Ac	P0037721.USV1 Ac	P0037163.USV1 Ac
Inactive	Inactive	Inactive	Inactive Inactive	Active	Active	Active	Active	Active	Active	Active	Active
WO - World Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)			US - United States	US - United States 9,579,138	US - United States 9	HK - Hong Kong	FR - France 2	DE - Germany 0	US - United States 9,211,093	US - United States 9,642,561
					,579,138	9,439,702		2088949	60 2007 041 811.9	,211,093	,642,561
	PCT/US2015/ 024006			14/670,990	14/645,485	14/638,173	15101530.8	07825612.0	07825612.0	14/620,873	14/614,083
MULTI-TINE CUTTING DEVICE	MULTI-TINE CUTTING DEVICE	Temperature monitoring through fenestrated access cannula	Ablation Probe with printed Thermocouple(s) Access Cannula with printed Thermocouple(s)	RADIO FREQUENCY CATHETER TO TARGET LIGAMENTUM FLAVUM	HIGH PRESSURE SURGICAL SYSTEM	BONE FRACTURE REDUCTION SYSTEM AND METHODS OF USING THE SAME	BONE TAMP AND METHODS OF USE	Interspinous Implant	Interspinous Implant	Adjustable Surgical Instruments and Methods of Use and Fabrication	EXPANDABLE SURGICAL INSTRUMENTS AND METHODS OF USE AND FABRICATION

P0041062.USC1	C00007062.WOU2	C00010574.USU1	C00011181.USU1	P0042031.USC2	C00008672.USU1	C00006977.USV3	C00004852.USC2	C00005361.WOU2	P0034585.USC2	P0039941.USC8	C00006944.WOU2
Active	Inactive	Active	Active	Active	Inactive	Active	Active	Inactive	Active	Active	Inactive
US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States	US - United States	US - United States	US - United States 9,924,931	US - United States 9,370,373	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States 9,642,663	WO - World Intellectual Property Organization (WIPO)
15/398,402	PCT/US2015/ 038455	14/728,183	14/943,264	14/718,332		14/694,717	14/695,224	PCT/US2015/ 035488	14/716,248	14/686,376	PCT/US2015/ 023995
LOW COST LOW PROFILE INFLATABLE BONE TAMP	PCT/US2015/ SURGICAL TISSUE RECOGNITION AND NAVIGATION 038455 APPARATUS AND METHOD	BONE TAMP AND METHOD OF USE	SPINAL TISSUE ABLATION APPARATUS, SYSTEM, AND METHOD	BONE CEMENT COMPONENT INJECTION SYSTEM WITH REDUCED FUME EXPOSURE AND METHOD	Microwave applicator with proximally shorted sleeve	CANNULA AND METHODS OF USE	SURGICAL TOOL FOR LSS DECOMPRESSION	PCT/US2015/ HIGH PRESSURE REMOTE DELIVERY SYSTEM FOR 035488	CEMENT DELIVERING DEVICE AND METHOD	BONE TAMP AND METHODS OF USE	ADJUSTABLE CANNULA AND METHODS OF USE

PC0001054.DEN11	C00005107.USC3	C00010883.USU1	C00005100.USC2	C00011481.USU1	P0034744.USC2	C00011765.USD1	C00012101.S0	C00005110.EPN4	P0033870.FRN6	P0033870.DEN5	P0033333.FRN8	P0033333.DEN7	C00002385.USC4	C00006974.WOU2
Active	Active	Active	Active	Active	Active	Active	Inactive	Active	Active	Active	Active	Active	Active	Inactive
DE - Germany	US - United States	US - United States	US - United States	US - United States	US - United States 9,402,671	US - United States		EP - European Patent Office (EPO)	FR - France	DE - Germany	FR - France	DE - Germany	US - United States	WO - World Intellectual Property Organization (WIPO)
60247711.5	9,848,945		9,668,796		9,402,671	D807511			1570873	1570873	602007044 413.6	60 2007 044 413.6	9,763,721	
60247711.5 02772494.7	14/869,604	15/190,861	14/856,124	15/138,670	14/856,103	29/540,097		14773671.4	05000725.1	05000725.1	07825065.1	07825065.1	14/869,254	PCT/US2015/ 045223
VERTEBRA STABILIZING ASSEMBLY	RF ENABLED INFLATABLE BONE TAMP	DRUG DELIVERY DEVICE AND METHODS HAVING A RETAINING MEMBER	LOW COST INFLATABLE BONE TAMP	INFLATABLE BONE TAMP WITH FLOW CONTROL AND METHODS OF USE	VALVE CONTROL MECHANISM AND METHOD	MULTI-PORT HUB FOR INFLATABLE BONE TAMP	Internally ribbed catheter shaft	RADIO FREQUENCY CATHETER TO TARGET LIGAMENTUM FLAVUM	MANUAL PUMP MECHANISM AND DELIVERY SYSTEM	MANUAL PUMP MECHANISM AND DELIVERY SYSTEM	Interspinous Spinal Prosthesis	Interspinous Spinal Prosthesis	CEMENT MIXER AND BONE FILLER DEVICE	/ RETRACTING CANNULA WITH ILLUMINATION AND METHODS OF USE

INTERFACE				
DISPLAY SCREEN WITH ANIMATED GRAPHICAL USER	29/553,254	US - United States	Active	C00012645.USD4
DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE	29/553,251	US - United States	Active	C00012645.USD3
DISPLAY SCREEN WITH ANIMATED GRAPHICAL USER INTERFACE	29/553,249	US - United States D814506	Active	C00012645.USD2
DISPLAY SCREEN WITH ANIMATED GRAPHICAL USER INTERFACE	29/558,226	US - United States D789975	Active	C00012645.USD1
MULTI-PROBE SYSTEM USING BIPOLAR PROBES AND METHODS OF USING THE SAME	62/272,379	US - United States	Inactive	C00012904.USP1
Surgical Instrument Set RFID Enabled Inventory Tracking System			Active	C00012887.S0
DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHOD	14/975,993	US - United States 9,610,111	Active	C00004675.USV2
BONE FRACTURE REDUCTION DEVICE AND METHODS FOR USING SAME	14/986,875	US - United States 9,814,509	Active	C00001409.USV2
MANUAL MIXER	15/009,932	US - United States 9,808,775	Active	C00012486.USU1
IBT Withdrawal and Longitudinal Growth Control Mechanism			Inactive	C00012653.S0
ONE CAVITY DEFINED IN AN OUTER SURFACE THEREOF AND METHOD OF USING SAME	14/943,357	US - United States 9,468,496	Active	C00005108.USC2
ADJUSTABLE SURGICAL INSTRUMENTS AND METHODS OF USE AND FABRICATION STEERARIE CATHETER SYSTEM HAVING AT LEAST	14/935,773	US - United States	Active	P0037721.USC2
Methods for Performing Percutaneous Surgical Procedures Employing Same	14/935,565	US - United States 9,532,885	Active	P0038047.USC2
Pellet Injector Needle			Active	C00012423.S0
SURGICAL SYSTEM AND METHODS OF USE	14/887,753	US - United States 9,713,534	Active	C00004267.USC2
VERTEBRA STABILIZING ASSEMBLY	02772494.7	FR - France 1414358	Active	PC0001054.FRN12

C00012993.CIP3	C00012993.WOU2	C00013000.USU2	C00012903.USV6	C00012903.EPN5	C00012903.USI4	C00012903.USN3	C00012903.WOU2	C00005432.USV2	C00008559.WOU2	C00012903.USV7	C00012645.USD5
Active	Inactive	Active	Active	Active	Active	Active	Inactive	Active	Inactive	Active	Active
US - United States	WO - World Intellectual Property Organization (WIPO)	US - United States 9,877,707	US - United States 9,788,889	EP - European Patent Office (EPO)	US - United States 9,241,760	US - United States 9,173,700	WO - World Intellectual Property Organization (WIPO)	US - United States 9,820,807	WO - World Intellectual Property Organization (WIPO)	US - United States 9,675,408	US - United States
14/852,761	PCT/IB2014/ 059846	14/195,972	14/928,568	11774249.4	13/660,353	13/643,310	PCT/CA2011/ 050203	15/238,347	PCT/US2016/ 012568	14/985,687	29/561,545
Electrosurgical Mapping Tools and Methods	Electrosurgical Mapping Tools and Methods	System and Methods for Track Coagulation	ELECTROSURGICAL DEVICE AND METHODS	ELECTROSURGICAL DEVICE AND METHODS	ELECTROSURGICAL DEVICE AND METHODS	ELECTROSURGICAL DEVICE AND METHODS	ELECTROSURGICAL DEVICE AND METHODS	BLUNT TIP SURGICAL CUTTING DEVICE AND METHOD	TUMOR ABLATION SYSTEM	Electrosurgical Device and Methods	DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE

EXPANDABLE CANNULA AND METHOD OF USE	15/005.316	US - United States	Active	C00005433.USV2
Apparatus and Method for Medical Procedures Within a Spine	08744311.5	FR - France 2131798	Active	P0032310.FRN6
Apparatus and Method for Medical Procedures Within a Spine	08744311.5	ES - Spain 2131798	Inactive	P0032310.ESN5
Apparatus and Method for Medical Procedures Within a Spine	08744311.5	DE - Germany 2131798	Active	P0032310.DEN4
Probe Handle	29/547,917	US - United States D791941	Active	C00012999.USD1
Pump Chassis	29/548,256	US - United States D803890	Active	C00012998.USD1
Electrosurgical Apparatus with Temperature Sensing & Methods of use Thereof	62/248,019	US - United States	Inactive	C00012997.USP1
Probe Handle	29/542,486	US - United States D802777	Active	C00012996.USD1
Burette	29/539,671	US - United States D795448	Active	C00012995.USD1
Connector Hub	29/539,388	US - United States D802537	Active	C00012994.USD1
Electrosurgical Mapping Tools and Methods	20148002856 3.X	CN - China	Active	C00012993.CNN8
Electrosurgical Mapping Tools and Methods	10-2015- 7029265	KR - Republic of Korea	Active	C00012993.KRN7
Electrosurgical mapping tools and methods	2014229253	AU - Australia	Active	C00012993.AUN6
The In-Situ simulation apparatus and systems to RF Ablation in Vertebral Body			Active	C00012953.S0
Electrosurgical Mapping Tools and Methods	14764517.0	EP - European Patent Office (EPO)	Active	C00012993.EPN5
Electrosurgical Mapping Tools and Methods	2906286	CA - Canada	Active	C00012993.CAN4

C00013615.S0	C00013555.S0	C00013505.S0	C00013461.S0	P0041060.USC1	C00013412.S0	C00013380.USU1	C00013374.S0	C00013354.S0	C00007033.WOU2	C00005428.USV2	C00002591.USV2	C00005254.USC2	C00005178.USV2	C00012446.USU1	C00012339.USU1
Inactive	Active	Inactive	Active	Active	Inactive	Inactive	Inactive	Active	Inactive	Active	Active	Inactive	Active	Active	Active
				US - United States		US - United States			Intellectual Property Organization (WIPO)	US - United States	US - United States	US - United States	US - United States	US - United States	US - United States
				15/095,667					PCT/US2016, 020018	15/046,654	15//043,692		15/043,657		15/180,971
Temperature monitoring on water cooled RF ablation probe using microwave radiometer	Method and process to control the Tissue Impedance during the RF Ablation procedure	Temperature monitoring on water cooled RF ablation probe	Tabletop Sagittal Adjustment Device	RETRACTABLE INFLATABLE BONE TAMP	Bone Access & Biopsy Tools for Harden Vertebrae Body	Inflatable Bone Tamp with flow control	Cemet Delivery system with inflatable bone tamp and cannula	Method of bilateral RF ablation of vertebral body	PCT/US2016/ SURGICAL CANNULA WITH CHANNELS FOR 020018 IRRIGATION AND SUCTION	AND METHOD	DEVICE FOR PE	SURGICAL TOOL HOLDER	ULTRASONIC CUTTING DEVICE	The Smart Needle: Sensing through the Cannula	MULTI-CANNULA SENSING DEVICE

C00013693.USU1	Active	US - United States	15/141,043	Surgical Mapping Tools & Methods
C00004280.USC2	Active	US - United States 9,936,993	15/155,533	EXPANDABLE DEVICE AND METHODS OF USE
C00013776.S0	Active			Selectable Drug Depot Injector
P0041887.USV2	Active	US - United States 9,597,137	15/191,994	CATHETER WITH INTEGRATED CEMENT DELIVERY BALLOON
C00013805.USU1	Active	US - United States	15/189,787	INFLATABLE BONE TAMP WITH FLOW CONTROL AND METHODS OF USE
P0042028.USC2	Active	US - United States 9,839,889	15/159,177	MIXER GUN SYSTEM AND METHOD
C00013932.S0	Inactive			Sciatica Epidural Tuohy Needle Distal Tip
C00012653.USU1	Active	US - United States	15/288,570	SURGICAL SYSTEM AND METHODS OF USE
P0034054.DEN7	Active	DE - Germany 60 2011 026 569.5	11815064.8	CALCIUM PARTICLE-EMBEDDED, SNAP-TO-DOUGH, HIGH-VISCOSITY BONE CEMENT
P0034054.FRN8	Active	FR - France 2598179	11815064.8	CALCIUM PARTICLE-EMBEDDED, SNAP-TO-DOUGH, HIGH-VISCOSITY BONE CEMENT
C00014091.USP1	Inactive	US - United States	62/345,404	DISPENSING SYSTEM AND METHOD
C00013726.USP1	Inactive	US - United States	62/345,398	DISPENSING SYSTEM AND METHOD
C00012953.USU1	Active	US - United States	15/289,688	IN-SITU TRAINING APPARATUS, METHOD AND SYSTEM
C00012999.EPD2	Active	EU - European Union Intellectual Property Office (EUIPO)	003180421	Probe Handle
C00012998.EPD2	Active	EU - European Union Intellectual Property Office (EUIPO)	003180389	Pump Chassis

C00012645.EPD9	C00014722.S0	C00014709.S0	C00014606.S0	C00014598.S0	P0042032.USC2	C00005301.USV2	P0034744.USC3	C00010883.USD2	C00012645.EPD8	C00012645.EPD7	C00012645.EPD6
Active	Active	Inactive	Inactive	Active	Active	Active	Active	Active	Active	Active	Active
EU - European Union Intellectual Property Office (EUIPO)					US - United States	US - United States	US - United States 9,913,677	US - United States	Union Intellectual Property Office (EUIPO)	EU - European Union Intellectual Property Office (EUIPO) EU - European	EU - European Union Intellectual Property Office (EUIPO)
003380054 0001							9,913,677	D802755	003182203- 0001	003182195- 0001	
003380054- 0001					15/218,885	15/204,042	15/225,485	29/569,092	003182203	003182195	003182179
DISPLAY SCREEN WITH ANIMATED GRAPHICAL USER INTERFACE	Curved IBT with a Variable Wall Thickness High Pressure Balloon Engineered for optimal Inflation in a Curved System	Curved High Pressure Balloon Catheter with Pressure Reducing Valve	Enhanced Cryoprobe for Tissue Ablation	Ablation Introducer	BONE CEMENT MIXING AND DELIVERY SYSTEM WITH REDUCED FUME EXPOSURE	RETRACTABLE DEVICE TO DISSECT AND EVACUATE LIGAMENTUM FLAVUM IN LUMBER SPINAL STENOSIS	VALVE CONTROL MECHANISM AND METHOD	DRUG PELLET CARTRIDGE	DISPLAY SCREENS WITH ANIMATED USER INTERFACE	DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE	DISPLAY SCREEN WITH ANIMATED GRAPHICAL USER INTERFACE

C00005668.EPN4	C00006944.EPN3	C00011181.WOU2		C00012997.WOU3	C00012904.USU2	C00013354.USU1	C00012997.USU2	C00012645.CAD12	C00012645.CAD11	C00012645.EPD10
Active	Active	Active		Active	Active	Active	Active	Active	Active	Active
Patent Office (EPO)	Patent Office (EPO) EP - European	Property Organization (WIPO) EP - European	Organization (WIPO) WO - World Intellectual	WO - World Intellectual Property	US - United States	US - United States	US - United States	CA - Canada	CA - Canada	EU - European Union Intellectual Property Office (EUIPO)
								170570	170547	003379114 0001
15799753.7	15800612.2	061557	BCT/11820167	PCT/US2016/ 058832	15/387,291	15/368,296	15/333,310	170570	170547	003379114- 0001
MULTI-TINE CUTTING DEVICE	ADJUSTABLE CANNULA AND METHODS OF USE			'Electrosurgical Apparatus with Temperature Sensing & Methods of use Thereof	MULTI-PROBE SYSTEM USING BIPOLAR PROBES AND METHODS OF USING THE SAME	APPARATUS FOR ABLATION OF BODY TISSUE AND METHOD OF USE THEREOF	Electrosurgical Apparatus with Temperature Sensing & Methods of use Thereof	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE	DISPLAY SCREEN WITH ANIMATED GRAPHICAL USER INTERFACE	DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE

C00014598.USU1	C00015752.S0	C00015740.S0	C00006979.USC2	C00015543.S0	C00015541.S0	C00005361.EPN5	C00005361.KRN4	C00005361.AUN3	C00015525.S0	C00012486.WOU2	P0038122.USV8	C00012904.WOU3
Active	Inactive	Inactive	Active	Active	Inactive	Active	Active	Active	Inactive	Active	Active	Inactive
US - United States			US - United States			EP - European Patent Office (EPO)	KR - Republic of 10-2017- Korea 0026468	AU - Australia		WO - World Intellectual Property Organization (WIPO)	US - United States	WO - World Intellectual Property Organization (WIPO)
15/581,574			15/432,526			15810389.5	17- 10-2017- 168 7001011	2015277489		PCT/US2017/ 014243	15/377,326	
INTRODUCER AND CRYOPROBE	Improved Cryoablation Efficiency Using Variable Gas Pressures	Improved Cryoprobe Efficiency Using Turbulent Liquid Nitrogen	CANNULA WITH DEPOLYABLE ANCHOR WIRE AND METHODS OF USE	Scoop cannula with deflectable wings	2 stage cement dispensing system for Kyphon Mixer	HIGH PRESSURE REMOTE DELIVERY SYSTEM FOR CEMENT AND METHODS OF USE	HIGH PRESSURE REMOTE DELIVERY SYSTEM FOR CEMENT AND METHODS OF USE	HIGH PRESSURE REMOTE DELIVERY SYSTEM FOR CEMENT AND METHODS OF USE	Proximal temperature monitoring on water cooled RF ablation probe with modulated flow.	MANUAL MIXER	REDUCED EXTRAVASATION OF BONE CEMENT	MULTI-PROBE SYSTEM USING BIPOLAR PROBES AND METHODS OF USING THE SAME

C00006944.USV4	C00014091.WOU3	C00013726.WOU3	C00014091.USU2	C00013726.USU2	C00014722.USU1	C00006977.USC4	C00012903.USC8	C00016357.S0	C00011481.WOU3	C00005007.WOU2
Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active
US - United States	WO - World Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)	US - United States	US - United States	US - United States	US - United States 9,924,965	US - United States		Intellectual Property Organization (WIPO)	WO - World Intellectual Property Organization (WIPO)
15/848,757	PCT/US2017/ 035612	PCT/US2017/ 035608	15/612,063	15/612,010	15/784,254	15/608,520	15/596,205		PCT/US2017/ 029330	PCT/US2017/ 022218
ADJUSTABLE CANNULA AND METHODS OF USE	DISPENSING SYSTEM AND METHOD	DISPENSING SYSTEM AND METHOD	DISPENSING SYSTEM AND METHOD	DISPENSING SYSTEM AND METHOD	CURVED INFLATABLE BONE TAMP WITH VARIABLE WALL THICKNESS	CANNULA WITH FLEXIBLE HOLDER AND METHODS OF USE	ELECTROSURGICAL DEVICE AND METHODS	Vertebral Body Access Cannula with Enhanced Bending Stiffness	PCT/US2017/ INFLATABLE BONE TAMP WITH FLOW CONTROL AND 029330 METHODS OF USE	PCT/US2017/ DEVICES FOR DELIVERING A CHEMICAL 022218 DENERVATION AGENT AND METHODS OF USE

IN-SITU TRAINING APPARATUS, METHOD AND SYSTEM	2017221834		AU - Australia	Active	C00012953.AUU2
SURGICAL SYSTEM AND METHODS OF USE	17187891.1		EP - European Patent Office (EPO)	Active	C00012653.EPU6
SURGICAL SYSTEM AND METHODS OF USE	10-2017- 0122724		KR - Republic of Korea	Active	C00012653.KRU5
SURGICAL SYSTEM AND METHODS OF USE	2017-180207		JP - Japan	Active	C00012653.JPU4
SURGICAL SYSTEM AND METHODS OF USE	20171083400 1.X		CN - China	Active	C00012653.CNU3
SURGICAL SYSTEM AND METHODS OF USE	2017219134		AU - Australia	Active	C00012653.AUU2
DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHOD	15/650,026	G,	US - United States	Active	P0038743.USV2
PMMA cement mixer design ideas				Active	C00017223.S0
DISPENSING SYSTEM AND METHODS OF USE	15/668,918	O,	US - United States	Active	C00015541.USU1
TUMOR ABLATION SYSTEM	16735443.0		EP - European Patent Office (EPO)	Active	C00008559.EPN5
TUMOR ABLATION SYSTEM	20168000526 7.7		CN - China	Inactive	C00008559.CNN4
TUMOR ABLATION SYSTEM	2016205167		AU - Australia	Active	C00008559.AUN3
Measurement Instrument For Percutaneous Surgery	06774578.6	1901654	FR - France	Active	P0032208.FRN11
Measurement Instrument For Percutaneous Surgery	06774578.6	602006053 887.1	DE - Germany	Active	P0032208.DEN10
INFLATABLE BONE TAMP WITH FLOW CONTROL AND METHODS OF USE	17177266.8		EP - European Patent Office (EPO)	Active	C00013805.EPU3
INFLATABLE BONE TAMP WITH FLOW CONTROL AND METHODS OF USE	2017204141		AU - Australia	Active	C00013805.AUU2

Vertebral Body Access Cannula Split Platform			Active	C00017688.S0
Vertebral Body Access Cannula with Anchored Distal Tin			Active	C00017685.S0
Vertebral Body Access Cannula with Non-Constant Cross-Sectional Profile			Active	C00017681.S0
APPARATUS FOR ABLATION OF BODY TISSUE AND METHOD OF USE THEREOF	17199917.0	EP - European Patent Office (EPO)	Active	C00013354.EPU6
APPARATUS FOR ABLATION OF BODY TISSUE AND METHOD OF USE THEREOF	10-2017- 0160334	KR - Republic of Korea	Active	C00013354.KRU5
APPARATUS FOR ABLATION OF BODY TISSUE AND METHOD OF USE THEREOF	2017-218990	JP - Japan	Active	C00013354.JPU4
20171125500 APPARATUS FOR ABLATION OF BODY TISSUE AND 0.6 METHOD OF USE THEREOF	20171125500 0.6	CN - China	Active	C00013354.CNU3
APPARATUS FOR ABLATION OF BODY TISSUE AND METHOD OF USE THEREOF	2017251842	AU - Australia	Active	C00013354.AUU2
ELECTROSURGICAL DEVICE AND METHODS	15/782,229	US - United States	Active	C00012903.USC9
Balloon Micro-Catheter for Embolic Infusion			Active	C00017603.S0
SCOOP CANNULA WITH DEFLECTABLE WINGS	15/859,816	US - United States	Active	C00015543.USU1
MANUAL MIXER	15/723,542	US - United States	Active	C00012486.USC3
ADAPTOR FOR USE WITH A DRIVER, A DRILL, AND A CANNULA FOR DRILLING INTO BONE	15/880,088	US - United States	Active	C00014591.USU1
IN-SITU TRAINING APPARATUS, METHOD AND SYSTEM	17187896.0	EP - European Patent Office (EPO)	Active	C00012953.EPU6
IN-SITU TRAINING APPARATUS, METHOD AND SYSTEM	10-2017- 0121808	KR - Republic of Korea	Active	C00012953.KRU5
IN-SITU TRAINING APPARATUS, METHOD AND SYSTEM	2017-180214	JP - Japan	Active	C00012953.JPU4
20171088175 IN-SITU TRAINING APPARATUS, METHOD, AND 2.7 SYSTEM	20171088175 2.7	CN - China	Active	C00012953.CNU3

C00012997.AUN4 Active AU - Australia 2016344378	C00001610.USV2 Active US - United States 15/921,049	EP - European C00014598.EPU4 Active Patent Office 18162809.0 (EPO)	C00014598.CNU3 Active CN - China	C00014598.CAU2 Active CA - Canada	P0034744.USC4 Active US - United States 15/879,930	C00013000.USC3 Active US - United States 15/879,572	C00007062.USV3 Active US - United States 15/885,137	C00017223.USU1 Active US - United States 15/876,256	C00006977.USV5 Active US - United States 15/825,546	C00008038.USC2 Active US - United States 15/795,542	C00008039.USC2 Active US - United States 15/787,272	C00001409.USC3 Active US - United States 15/783,295	C00014709.USU1 Active US - United States 15/864,880	C00016357.USU1 Active US - United States 15/879,487	C00017689.S0 Active
	15/921,049	18162809.0	INTROD		15/879,930	15/879,572	15/885,137	15/876,256	15/825,546	15/795,542	15/787,272	15/783,295	15/864,880	15/879,487	Vertebi Platfori
1	CRYOGENIC KYPHOPLASTY INSTRUMENT AND METHODS OF USE	INTRODUCER AND CRYOPROBE	INTRODUCER AND CRYOPROBE	INTRODUCER AND CRYOPROBE	VALVE CONTROL MECHANISM AND METHOD	SYSTEMS AND METHODS FOR TRACK COAGULATION	SURGICAL TISSUE RECOGNITION AND NAVIGATION APPARATUS AND METHOD	MANUAL MIXER	CANNULA AND METHODS OF USE	BONE CEMENT MIXING AND DELIVERY DEVICE	METHODS OF FILLING BONE USING BONE CEMENT MIXING AND DELIVERY DEVICES	BONE FRACTURE REDUCTION DEVICE AND METHODS FOR USING THE SAME	HIGH-PRESSURE BALLOON CATHETER WITH PRESSURE REGULATING VALVE	Vertebral Body Access Cannula with Enhanced Bending Stiffness	Vertebral Body Access Cannula with Twistable Platform Support

P0037367.11-CHU1	P0037367.11-EPN1	C00014091.EPU7	C00014091.KRU6	C00014091.CNU5	C00014091.CAU4	C00013726.EPU7	C00013726.KRU6	C00013726.CNU5	C00013726.CAU4	C00018108.USU1	C00011181.EPN6	C00011181.KRN5	C00011181.CNN4	C00011181.CAN3
CHU1	EPN1	³ U7	₹U6	NU5	\U4	³U7	306	NU5	\U4	SU1	906	3N5	NN4	N3
Inactive	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active	Active
CH - Switzerland	EP - European Patent Office (EPO)	EP - European Patent Office (EPO)	KR - Republic of Korea	CN - China	CA - Canada	EP - European Patent Office (EPO)	KR - Republic of Korea	CN - China	CA - Canada	US - United States	EP - European Patent Office (EPO)	KR - Republic of Korea	CN - China	CA - Canada
1148850	1148850													
00901874.8	00901874.8													
Expandable Intervertebral Spacer	Expandable Intervertebral Spacer	DISPENSING SYSTEM AND METHOD	DISPENSING SYSTEM AND METHOD	DISPENSING SYSTEM AND METHOD	DISPENSING SYSTEM AND METHOD	DISPENSING SYSTEM AND METHOD	DISPENSING SYSTEM AND METHOD	DISPENSING SYSTEM AND METHOD	DISPENSING SYSTEM AND METHOD	Method for Performing a Balloon Kyphoplasty Procedure Using a Scoop Cannula	SPINAL TISSUE ABLATION APPARATUS, SYSTEM, AND METHOD	SPINAL TISSUE ABLATION APPARATUS, SYSTEM, AND METHOD	SPINAL TISSUE ABLATION APPARATUS, SYSTEM, AND METHOD	SPINAL TISSUE ABLATION APPARATUS, SYSTEM, AND METHOD

P0032010.05	P0037367.USR19	P0037367.11-ITN1	P0037367.11-GBN1	P0037367.11-FRN1	P0037367.11-ESN1	P0037367.11-DEN1
Inactive	Active	Inactive	Inactive	Active	Inactive	Active
US - United States	US - United States	IT - Italy	GB - United Kingdom	FR - France	ES - Spain	DE - Germany
		1148850	1148850	1148850	1148850	60019558.9 08
12/869,101	15/159,524	00901874.8	00901874.8	00901874.8	00901874.8	00901874.8
SYSTEMS AND METHODS FOR FORMING A CAV	EXPANDABLE INTERVERTEBRAL SPACER	Expandable Intervertebral Spacer	Expandable Intervertebral Spacer	Expandable Intervertebral Spacer	Expandable Intervertebral Spacer	Expandable Intervertebral Spacer

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RECORDED: 05/25/2028