

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7518976

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                 |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                     |
| <b>CONVEYING PARTY DATA</b>   |                                |
| <b>Name</b>   | <b>Execution Date</b>          |
| KYPHON SÀRL   | 04/26/2018                     |
| <b>RECEIVING PARTY DATA</b>   |                                |
| <b>Name:</b>  | MEDTRONIC HOLDING COMPANY SÀRL |
| <b>Street Address:</b>  | ROUTE DU MOLLIAU 31            |
| <b>City:</b>  | TOLOCHENAZ                     |
| <b>State/Country:</b>   | SWITZERLAND                    |
| <b>Postal Code:</b>   | 1131                           |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                |
| <b>Property Type</b>  | <b>Number</b>                  |
| <b>Application Number:</b>  | 16984388                       |
| <b>CORRESPONDENCE DATA</b>  |                                |
| <b>Fax Number:</b>  | (631)406-7146                  |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                |
| <b>Phone:</b>   | 6316569818                     |
| <b>Email:</b>   | npinou@slsllp.com              |
| <b>Correspondent Name:</b>  | NICOLE ELISEO PINOU            |
| <b>Address Line 1:</b>  | SORELL LENNA & SCHMIDT, LLP    |
| <b>Address Line 2:</b>  | 135 ENGINEERS RD., SUITE 110   |
| <b>Address Line 4:</b>  | HAUPPAUGE, NEW YORK 11758      |
| <b>ATTORNEY DOCKET NUMBER:</b>  | C00014722US01DIV               |
| <b>NAME OF SUBMITTER:</b>   | NICOLE ELISEO-PINO             |
| <b>SIGNATURE:</b>   | /Nicole Eliseo-Pinou/          |
| <b>DATE SIGNED:</b>   | 09/02/2022                     |
| <b>Total Attachments: 194</b>   |                                |
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26 April 2018

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**SALE, PURCHASE, TRANSFER AND ASSIGNMENT AGREEMENT**

between

**Kyphon Sàrl**

and

**Medtronic Holding Company Sàrl**

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

between:

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

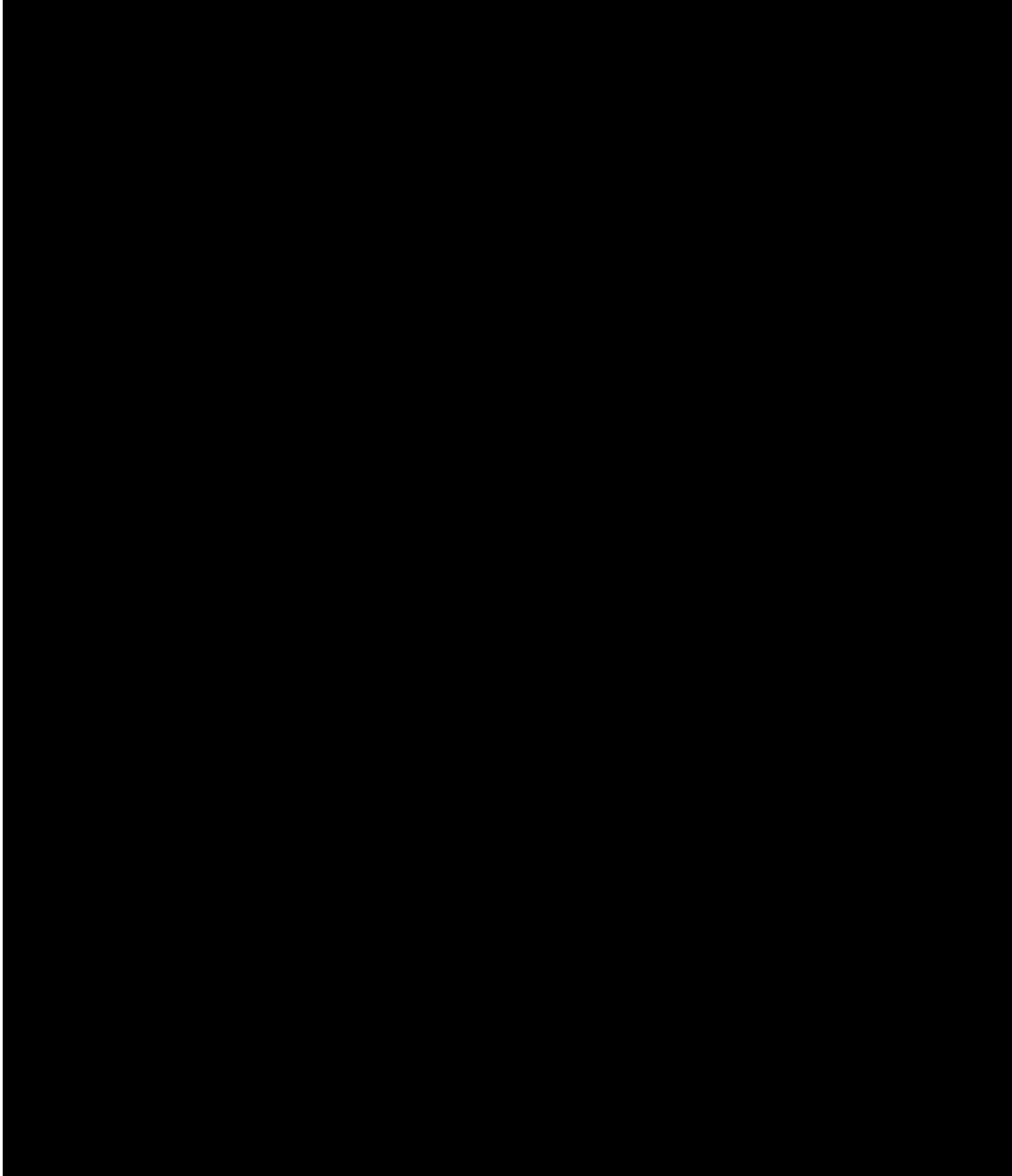
hereinafter referred to as "Kyphon"

- 2) **Medtronic Holding Company Sàrl**, 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 Sàrl, 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"

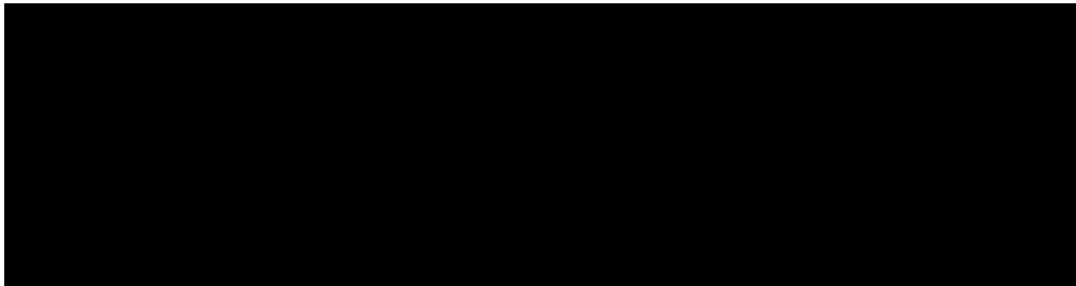
hereinafter collectively referred to as the "Parties"

**WHEREAS**





**Article 1. Sale and purchase of Kyphon IP**



**Article 2. Transfer and assignment of Kyphon IP**

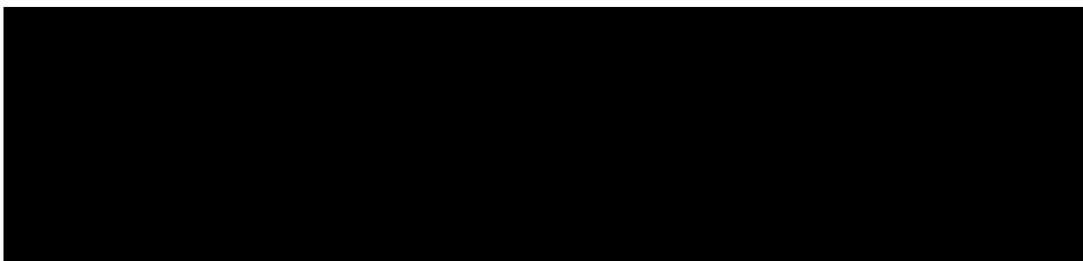
2.1 Kyphon herewith transfers and assigns, and IPCo herewith accepts and assumes the transfer and assignment of all interest in, rights and obligations of the legal ownership in the Kyphon IP as listed in Annex 1 (the "Legal Kyphon IP").

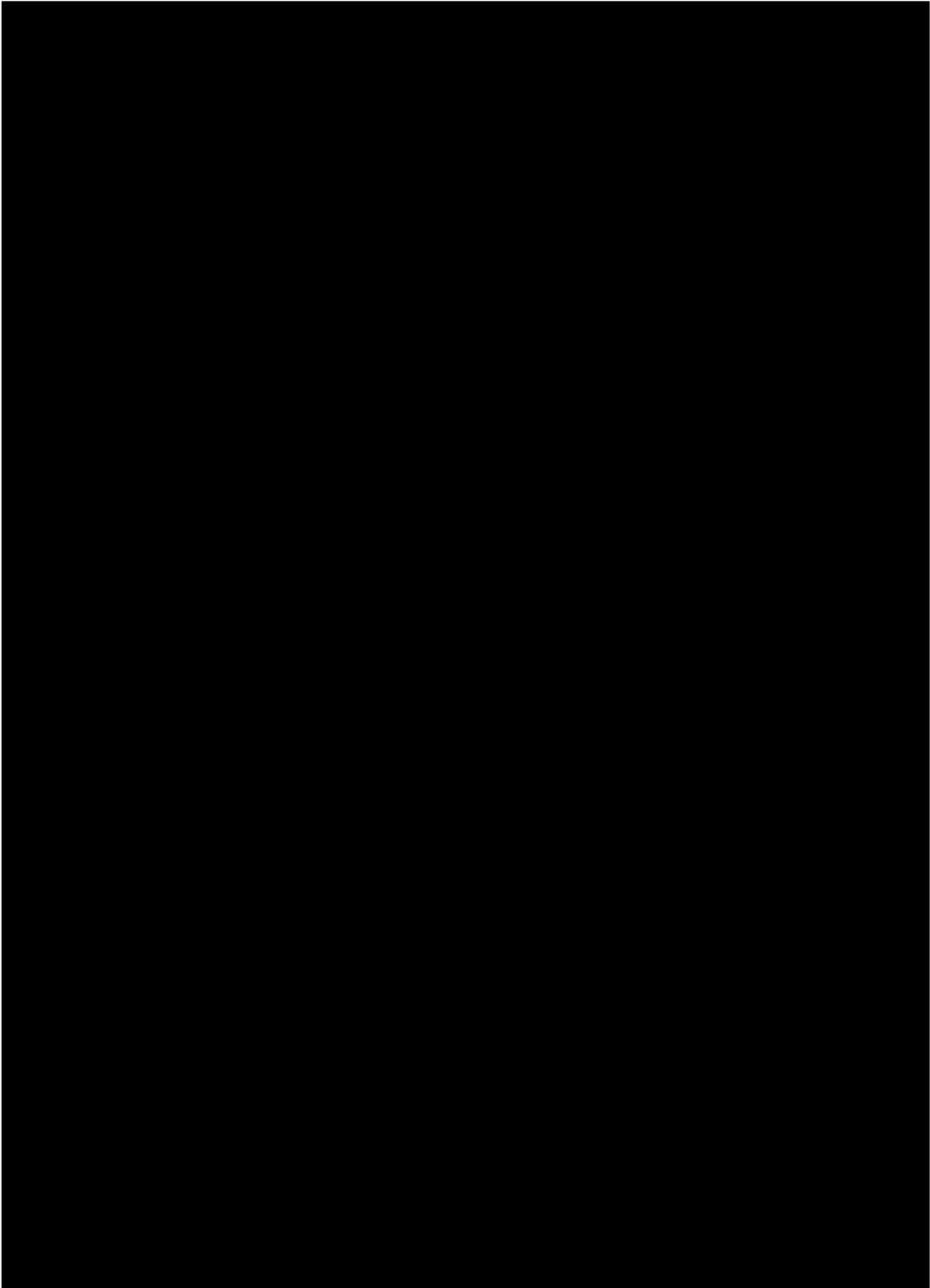
2.2 Kyphon herewith transfers and assigns, and IPCo herewith accepts and assumes the transfer and assignment of the legal and/or economic ownership in any other intellectual property rights owned by Kyphon, which are not listed in Annex 1, as defined in Annex 2 (the "Residual Kyphon IP", together with the Legal Kyphon IP, the "Transferred Kyphon IP").

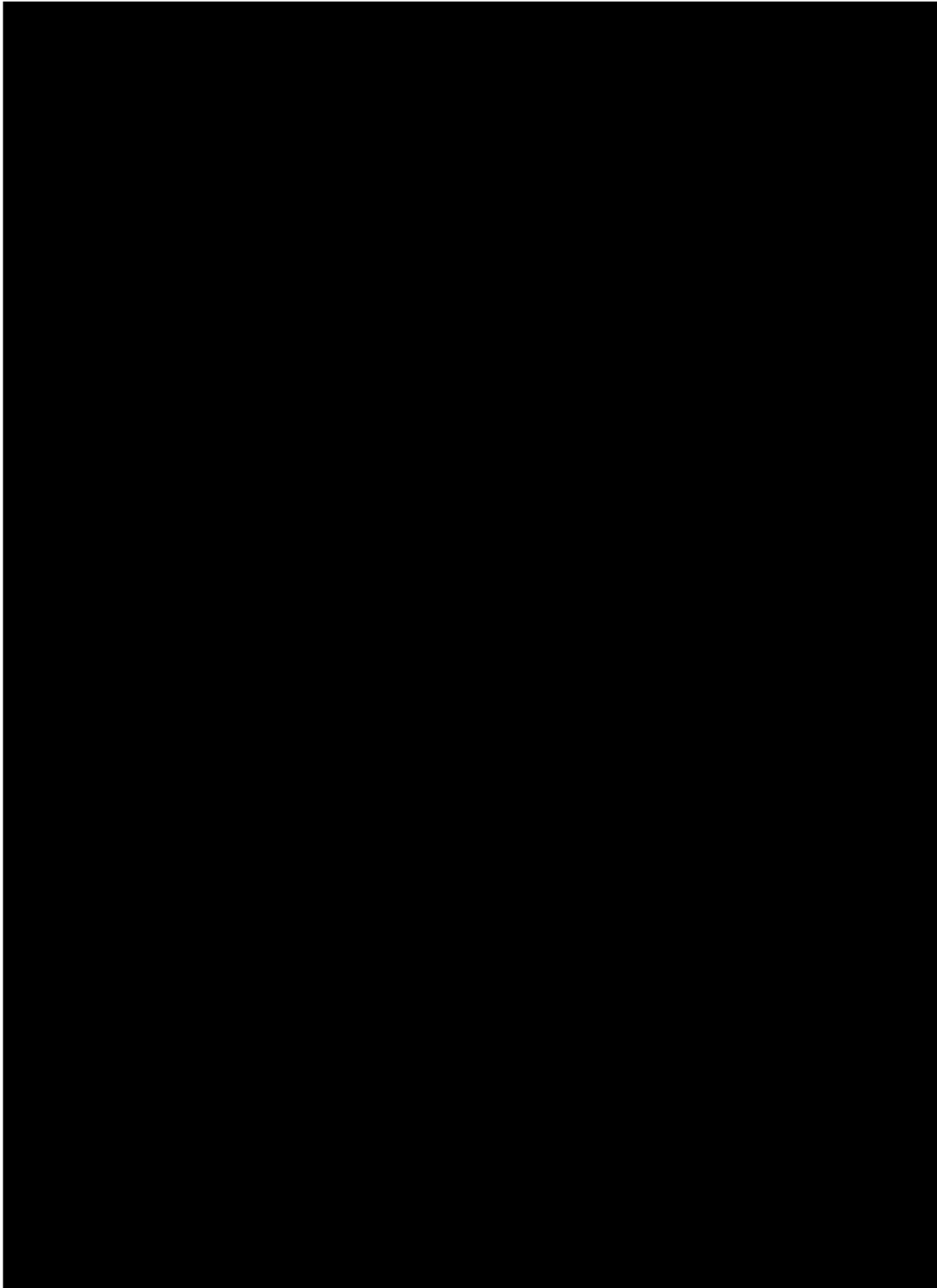
2.3 The actions described under 2.1 through 2.2 are referred to as the "Transfer" hereinafter.

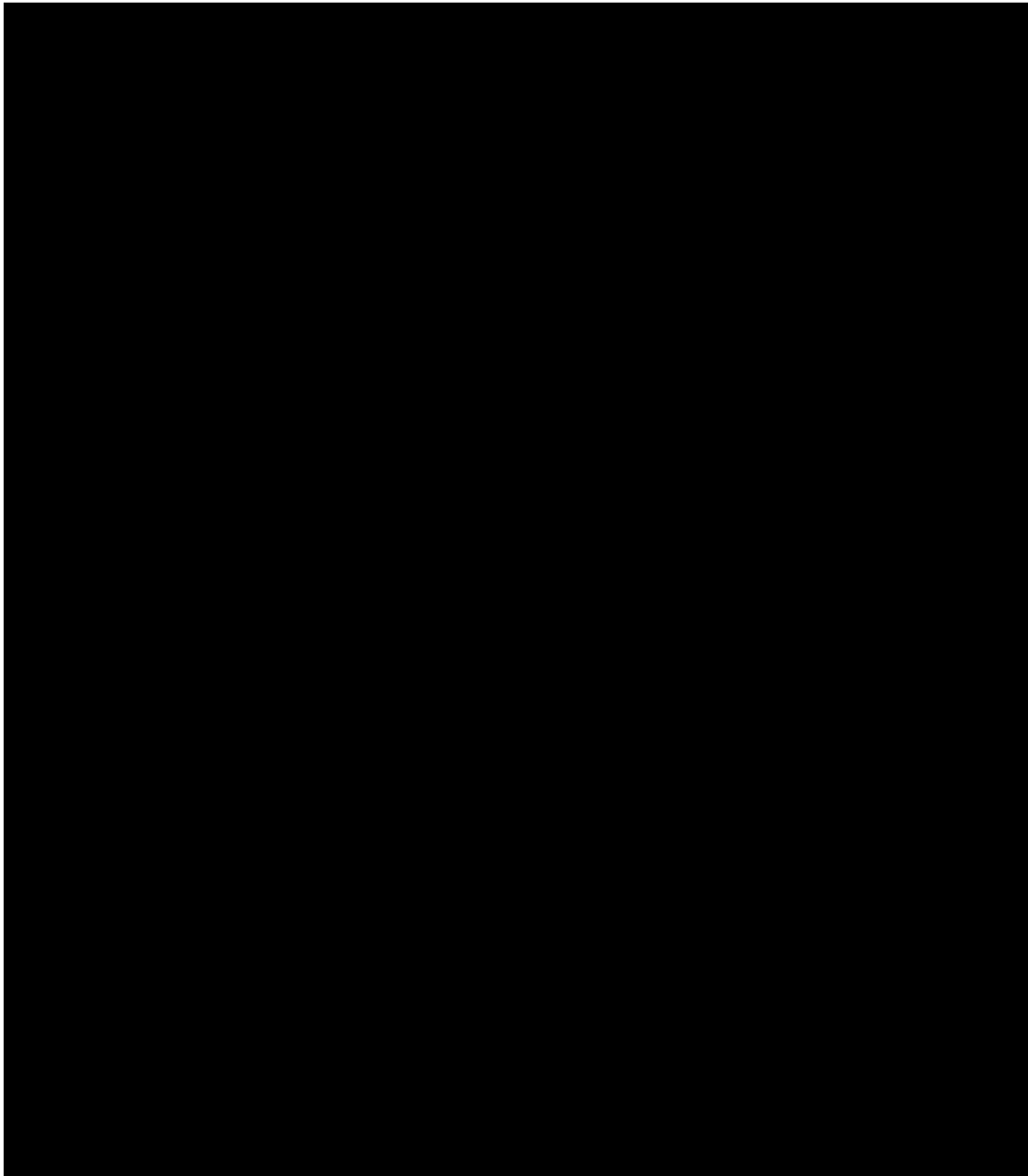
**Article 3. Effective date**

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").









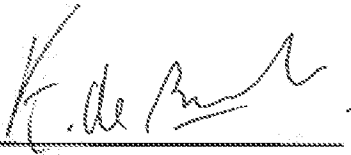
IN WITNESS WHEREOF, each of the Parties has caused this Agreement to be executed on its behalf on the date first written above.

*(signatures on the next pages)*

On behalf of Kyphon Sàrl

Nanchâtel, 26 April 18

Place, date



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Emmanuelle Marie-Hélène De Beaumont  
Managing Officer

On behalf of Medtronic Holding Company Sàrl

Inclusioz, 26 April 18  
Place, date

J. T. Barrett  
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:

- a. 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;
- c. 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
- h. all internet domain names (including all software and applications, and all components and/or modules thereof);
- i. 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.



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

|                   |          |  |           |                       |   |
|-------------------|----------|--|-----------|-----------------------|---|
| PC0000913.00-USU1 | Inactive | US - United States   | 7,377,942 | 10/635,622            | POSTERIOR ELEMENTS MOTION RESTORING DEVICE  |
| PC0000444.06      | Inactive | US - United States   |           | 10/756,970            | SURGICAL INSTRUMENTATION AND METHOD FOR TREATMENT OF THE SPINE  |
| PC0000908.01      | Inactive | WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO) |           | PCT/IB2004/<br>000390 | INTERSPINOUS DEVICE FOR IMPEDING THE MOVEMENTS OF TWO SUCCESSIVE VERTEBRAE AND PROCESS FOR MAKING A PAD DESIGN FOR IT |
| PC0000857.00-USU1 | Active   | US - United States   | 7,641,664 | 10/778,650            | SURGICAL INSTRUMENTATION AND METHOD FOR TREATMENT OF A SPINAL STRUCTURE   |
| PC0000896.00-USU1 | Inactive | US - United States   |           | 10/812,582            | SURGICAL SYSTEM FOR DELIVERY OF VISCOUS FLUIDS  |
| PC0001056.00-FRU1 | Inactive | FR - France  | 2775183   | 9802300               | PROTHESE INTER-EPINEUSE   |
| PC0001054.02      | Active   | US - United States   | 7,445,637 | 10/486,046            | VERTEBRA STABILIZING ASSEMBLY   |
| PC0001054.03      | Active   | EP - European<br>Patent Office<br>(EPO)                          | 1414358   | 02772494.7            | VERTEBRA STABILIZING ASSEMBLY   |
| PC0001054.04      | Inactive | JP - Japan   | 4303589   | 2003-520409           | VERTEBRA STABILIZING ASSEMBLY   |
| PC0001076.01      | Inactive | WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO) |           | PCT/FR03/02<br>635    | ENSEMBLE DE SOUTIEN VERTEBRAL POSTERIEUR  |
| PC0001062.00-FRD1 | Inactive | FR - France  |           | 142,719               | EVOLUTION DE LA PROTHESE DIAM   |
| PC0001144.00-USP1 | Inactive | US - United States   |           | 60/580,055            | SURGICAL INSTRUMENTATION AND METHOD FOR TREATMENT OF A SPINAL STRUCTURE   |
| PC0000661.03      | Inactive | JP - Japan   | 4376059   | 563429/03             | SYSTEM AND METHOD FOR SPINE SPACING   |

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|-------------------|----------|--|------------------|-------------|--|
| PC0000661.05      | Inactive | AU - Australia                                       | 200321067        | 2003210672  | SYSTEM AND METHOD FOR SPINE SPACING  |
|                   |          | WO - World Intellectual Property Organization (WIPO) | 2                |             |  |
| PC0000977.01      | Inactive | EP - European Patent Office (EPO)                    |                  | US04/031093 | INSTRUMENTS AND METHODS FOR SECURING A CONNECTING ELEMENT ALONG A BODY SEGMENT |
| PC0000630.04      | Active   | AU - Australia                                       | 1418854          | 03721989.6  | DEVICE FOR FIXATION OF SPINOUS PROCESS   |
| PC0000630.05      | Inactive | CN - China   | 2003225270       | 2003225270  | DEVICE FOR FIXATION OF SPINOUS PROCESS   |
| PC0000630.06      | Inactive | KR - Republic of Korea                               | ZL<br>03810963.8 | 03810963.8  | DEVICE FOR FIXATION OF SPINOUS PROCESS   |
| PC0000630.07      | Inactive | US - United States                                   | 1004937          | 7018574/04  | Device for Fixation of Spinous Processes                                       |
| PC0000961.00-USU1 | Inactive | US - United States                                   |                  | 11/115,229  | Methods and Systems for Characterizing Intervertebral Disc Space               |
| P0021964.00-USU1  | Active   | US - United States                                   | 7,862,590        | 11/102,396  | Interspinous Process Spacer  |
| P0022053.00-USU1  | Inactive | US - United States                                   |                  | 11/095,652  | Instruments and Methods for Aggressive Yet Continuous Tissue Removal           |
| PC0001076.02      | Active   | EP - European Patent Office (EPO)                    | 7,776,069        | 10/527,251  | Posterior Vertebral Support Assembly   |
| PC0001076.03-EPUI | Active   | CA - Canada  | 1545354          | 03769561.6  | ENSEMBLE DE SOUTIEN VERTEBRAL POSTERIEUR                                       |
| PC0001076.04      | Inactive | JP - Japan   |                  | 2,497,998   | ENSEMBLE DE SOUTIEN VERTEBRAL POSTERIEUR                                       |
| PC0001076.05      | Inactive | AU - Australia                                       | 4410678          | 2004-535580 | ENSEMBLE DE SOUTIEN VERTEBRAL POSTERIEUR                                       |
| PC0001076.06      | Inactive |  | 200327825        | 2003278251  | Posterior Vertebral Support Assembly   |

|                  |          |  |                  |                    |  |
|------------------|----------|--|------------------|--------------------|--|
| PC0001076.07     | Inactive | CN - China   | ZL0382143<br>3.4 | 03821433.4         | ENSEMBLE DE SOUTIEN VERTÉBRAL POSTÉRIEUR   |
| P0022446.00-USU1 | Inactive | US - United States                                   | 7,789,898        | 11/107,171         | Transverse Process / Lamina Spacer   |
| PC0000753.02     | Inactive | CA - Canada  |                  | 2,496,804          | SYSTEMS AND METHODS FOR INTRAVERTEBRAL REDUCTION   |
| PC0000753.03     | Inactive | JP - Japan   | 4495589          | 2004-532992        | SYSTEMS FOR INTRAVERTEBRAL REDUCTION   |
| PC0000753.04     | Inactive | EP - European Patent Office (EPO)                    |                  | 03791761.4         | SYSTEMS FOR INTRAVERTEBRAL REDUCTION   |
| PC0000753.05     | Inactive | AU - Australia                                       |                  | 2003265667         | SYSTEMS AND METHODS FOR INTRAVERTEBRAL REDUCTION   |
| PC0000753.06     | Inactive | CN - China   | ZL0382370<br>8.3 | 03823708.3         | SYSTEMS AND METHODS FOR INTRAVERTEBRAL REDUCTION   |
| PC0000753.07     | Active   | IN - India   |                  | 487/KOLNP/2<br>005 | SYSTEMS AND METHODS FOR INTRAVERTEBRAL REDUCTION   |
| PC0000896.01     | Inactive | WO - World Intellectual Property Organization (WIPO) |                  | US05/009636        | SURGICAL SYSTEM FOR DELIVERY OF VISCOUS FLUIDS   |
| P0022314.00-USU1 | Inactive | US - United States                                   |                  | 11/095,214         | Intervertebral Prosthetic Device for Spinal Stabilization and Method of Manufacturing Same         |
| P0022385.00-USU1 | Inactive | US - United States                                   | 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                         |

|                  |          |                    |                |            |  |
|------------------|----------|--------------------|----------------|------------|--|
| P0022380.00-USU1 | Inactive | US - United States |                | 11/117,891 | Local Delivery of an Active Agent from an Orthopedic Implant   |
| P0022377.00-USU1 | Inactive | US - United States |                | 11/333,919 | Intervertebral Prosthetic Device for Spinal Stabilization and Method of Implanting Same  |
| P0022394.00-USU1 | Active   | US - United States | 7,862,591      | 11/271,018 | Intervertebral Prosthetic Device for Spinal Stabilization and Method of Implanting Same  |
| P0022923.00-USU1 | Inactive | US - United States |                | 11/359,070 | Intervertebral Prosthetic Assembly for Spinal Stabilization and Method of Implanting Same                                      |
| P0023713.00-USU1 | Active   | US - United States | 7,837,711      | 11/341,178 | Artificial Spinous Process for the Sacrum and Methods of Use   |
| P0023714.00-USU1 | Inactive | US - United States |                | 11/559,013 | Intervertebral Prosthetic Assembly for Spinal Stabilization and Method of Implanting Same                                      |
| P0023773.00-USU1 | Active   | US - United States | 7,691,130      | 11/340,974 | Spinal Implants Including a Sensor and Methods of Use  |
| P0023550.00-USU1 | Inactive | US - United States |                | 11/409,639 | Surgical Distraction Device and Procedure  |
| P0023771.00-USU1 | Inactive | US - United States |                | 11/341,233 | Interspinous Devices and Methods of Use  |
| PC0000857.02     | Active   | US - United States | 8,034,088      | 11/336,123 | SURGICAL INSTRUMENTATION AND METHOD FOR TREATMENT OF A SPINAL STRUCTURE  |
| P0023877.00-USU1 | Inactive | US - United States | 7,892,207      | 11/412,342 | Dilating Stylet and Cannula  |
| P0023926.00-USU1 | Inactive | US - United States |                | 11/412,345 | Vented Directional Delivery Cannula With Openings Of Different Size For Use With Flowable Materials And Method For Use Thereof |
| PC0000908.03     | Inactive | AU - Australia     | 200421277<br>6 | 2004212776 | INTERSPINOUS DEVICE FOR IMPEDING THE MOVEMENTS OF TWO SUCCESSIVE VERTEBRAE AND METHOD FOR MAKING A PAD DESIGN FOR IT           |
| PC0000908.04     | Inactive | CA - Canada        | 2516323        | 2516323    | INTERSPINOUS DEVICE FOR IMPEDING THE MOVEMENTS OF TWO SUCCESSIVE VERTEBRAE AND PROCESS FOR MAKING A PAD DESIGNED FOR IT        |

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| PC0000908.05     | Inactive | CN - China                              | 200480004<br>690.2 | 20048000469<br>0.2 | INTERSPINOUS DEVICE FOR IMPEDING THE<br>MOVEMENTS OF TWO SUCCESSIVE VERTEBRAE AND<br>PROCESS FOR MAKING A PAD DESIGN FOR IT |
| PC0000908.06     | Inactive | JP - Japan                              | 4330617            | 2006-502436        | INTERSPINOUS DEVICE FOR IMPEDING THE<br>MOVEMENTS OF TWO SUCCESSIVE VERTEBRAE AND<br>PROCESS FOR MAKING A PAD DESIGN FOR IT |
| PC0000908.07     | Inactive | EP - European<br>Patent Office<br>(EPO) | 04711670.2         | 04711670.2         | INTERSPINOUS DEVICE FOR IMPEDING THE<br>MOVEMENTS OF TWO SUCCESSIVE VERTEBRAE AND<br>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<br>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<br>Method of Installing Same  |
| P0024476.00-USU1 | Inactive | US - United States                      | 8,348,978          | 11/413,785         | Interosteotic Implant   |

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

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|------------------|----------|--|-----------|-------------|---|
| P0022254.01      | Inactive | WO - World Intellectual Property Organization (WIPO) |           | US06/014018 | Magnetic Manipulation of a Cable in Blind Approach  |
| P0025365.00-USU1 | Inactive | US - United States                                   |           | 11/559,938  | Inter-Transverse Process Spacer Device and Method for use in Correcting a Spinal Deformity                                      |
| P0025773.00-USU1 | Inactive | US - United States                                   |           | 11/412,346  | Vented Directional Delivery Cannula With Openings Of Different Shape For Use With Flowable Materials And Method For Use Thereof |
| PC0000295.14     | Inactive | EP - European Patent Office (EPO)                    | 0984728   | 98921137.0  | ANTERIOR CERVICAL PLATING SYSTEM  |
| P0026159.00-USU1 | Inactive | US - United States                                   | 7,891,053 | 11/390,850  | Releasably Interlocking Instrument Handle and Method For Use Thereof  |
| P0025679.00-USU1 | Inactive | US - United States                                   | 7,879,104 | 11/560,169  | Spinal Implant System   |
| P0025913.00-USU1 | Inactive | US - United States                                   |           | 11/470,810  | Intercostal Spacer Device and Method for use in Correcting a Spinal Deformity   |
| P0026155.00-USU1 | Inactive | US - United States                                   |           |             | Devices and Methods for Bone Void Creation or VCF Reduction   |
| P0025745.00-USU1 | Inactive | US - United States                                   |           | 11/620,428  | System And Method For Percutaneously Curing An Implantable Device   |
| PC0000857.03     | Inactive | CA - Canada  |           | 2,555,349   | SURGICAL INSTRUMENTATION AND METHOD FOR TREATMENT OF A SPINAL STRUCTURE   |
| PC0000857.04     | Inactive | JP - Japan   | 4782703   | 2006-553172 | SURGICAL INSTRUMENTATION AND METHOD FOR TREATMENT OF A SPINAL STRUCTURE   |
| PC0000857.06     | Inactive | AU - Australia                                       |           | 2005215373  | SURGICAL INSTRUMENTATION AND METHOD FOR TREATMENT OF A SPINAL STRUCTURE   |
| PC0000857.05     | Inactive | EP - European Patent Office (EPO)                    |           | 05712963.7  | SURGICAL INSTRUMENTATION FOR TREATMENT OF A SPINAL STRUCTURE  |
| PC0000896.02     | Inactive | CA - Canada  |           | 2,559,204   | SURGICAL SYSTEM FOR DELIVERY OF VISCOUS FLUIDS  |



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

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

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

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

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

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

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

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



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| P0031107.01      | Inactive | US - United States                                   |                      | 11/147,816        | Sizing Distractor and Method for Implanting an Interspinous Implant Between Adjacent Spinous Processes |
| P0031105.00-USP1 | Inactive | US - United States                                   |                      | 60/528,954        | Disk Repair Structures With Anchors  |
| P0031105.01      | Inactive | US - United States                                   |                      | 11/002,167        | Disk Repair Structures With Anchors  |
| P0031031.00-DEU1 | Inactive | DE - Germany   | 20218668             | 20218668.7        | Formulation for a Cement Preparation as Bone Substitute  |
| P0031031.01      | Inactive | WO - World Intellectual Property Organization (WIPO) |                      | PCT/US2003/038580 | Formulation for a Cement Preparation as Bone Substitute  |
| P0031031.02      | Inactive | CN - China   | ZL2003801049104919.5 | 200380104919.5    | Cement Formulation, Bone Substitute Material and a Process for the Formation of Cement Preparation     |
| P0031031.03      | Inactive | EP - European Patent Office (EPO)                    |                      | 03808436.4        | Formulation for a Cement Preparation as Bone Substitute  |
| P0031031.04      | Inactive | HK - Hong Kong                                       | 1097778              | 07102226.5        | CEMENT FORMULATION, BONE SUBSTITUTE MATERIAL AND A PROCESS FOR THE FORMATION OF CEMENT PREPARATION     |
| P0031031.05      | Inactive | JP - Japan   |                      | 2004-557582       | Formulation for a Cement Preparation as Bone Substitute  |
| P0031031.06      | Inactive | KR - Republic of Korea                               |                      | 7009928/2005      | Formulation for a Cement Preparation as Bone Substitute  |
| P0031031.07      | Inactive | US - United States                                   |                      | 11/141,769        | Formulation for a Cement Preparation as Bone Substitute  |
| P0031061.00-USU1 | Inactive | US - United States                                   | 5,836,948            | 08/778,093        | Spine Distraction Implant and Method   |
| P0031061.01      | Inactive | US - United States                                   | 7,621,939            | 11/092,862        | Supplemental Spine Fixation Device and Method  |

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

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|------------------|----------|--|--------------------------|----------------------|--|
| P0031033.00-USP1 | Inactive | US - United States                                   |                          | 60/565,986           | Bone Substitute Compositions and Methods of Use                              |
| P0031033.01      | Inactive | WO - World Intellectual Property Organization (WIPO) |                          | PCT/US05/01<br>4616  | Bone Substitute Compositions and Methods of Use                              |
| P0031033.02      | Active   | US - United States                                   | 8,168,692                | 11/116,656           | BONE SUBSTITTUTE COMPOSITIONS AND METHOD OF USE                              |
| P0031033.03      | Inactive | CA - Canada  |                          | 2564687              | BONE SUBSTITTUTE COMPOSITIONS AND METHOD OF USE                              |
| P0031033.04      | Active   | CN - China   | ZL<br>200580017<br>715.7 | 200580017771<br>5.7  | Bone Substitute Compositions and Method of Use                               |
| P0031033.05      | Active   | EP - European Patent Office (EPO)                    | 1742680                  | 05743201.5           | Bone Substitute Compositions and Method of Use                               |
| P0031033.06      | Inactive | JP - Japan   |                          | 2007-<br>0510976     | Bone Substitute Compositions and Method of Use                               |
| P0031033.07      | Inactive | KR - Republic of Korea                               |                          | 10-2006-<br>7024715  | Bone Substitute Compositions and Method of Use                               |
| P0031033.08      | Inactive | MX - Mexico  | 304002                   | PA/a/2006/0<br>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<br>9075  | DEVICE AND METHOD FOR FACILITATING INTRODUCTION OF CATHETERS                 |

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|------------------|----------|--|-----------|---------------------|---|
| P0031034.00-USU1 | Active   | US - United States   | 7,651,701 | 11/214,151          | Bone Cement Composition and Method of Making the Same   |
| P0031034.01      | Inactive | WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO) |           | PCT/EP06/00<br>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 Vertebral 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  |

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

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

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|------------------|----------|--|-----------|-----------------------|--|
| P0030944.01      | Inactive | WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO) |           | PCT/US2005/<br>043522 | Elongating Balloon Device and Method for Soft<br>Tissue Dissection                       |
| P0030944.02      | Inactive | EP - European<br>Patent Office<br>(EPO)                          |           | 05852684.9            | Elongating Balloon Device and Method for Soft<br>Tissue Dissection                       |
| P0031061.28      | Active   | US - United States   | 7,101,375 | 09/799,215            | Spine Distraction Implant  |
| P0031061.29      | Inactive | US - United States   | 6,478,796 | 09/808,827            | Spine Distraction Implant and Method   |
| P0031061.30      | Active   | US - United States   | 6,514,256 | 09/809,305            | Spine Distraction Implant and Method   |
| P0031061.31      | Inactive | US - United States   | 6,699,246 | 09/842,755            | Spine Distraction Implant  |
| P0031061.32      | Inactive | US - United States   |           | 60/306,262            | Supplemental Spine Fixation Device and Method  |
| P0031061.33      | Inactive | US - United States   | 6,652,527 | 09/982,418            | Supplemental Spine Fixation Device and Method  |
| P0031061.34      | Inactive | US - United States   |           | 60/306,101            | Mating Insertion Instruments For Spinal Implants and<br>Methods of Use                   |
| P0031061.35      | Inactive | US - United States   | 6,712,819 | 09/981,859            | Mating Insertion Instruments for Spinal Implants and<br>Methods of Use                   |
| P0031061.36      | Inactive | US - United States   |           | 60/306,263            | Interspinous Porcess Distraction System and Method<br>With Positionable Wing and Method  |
| P0031061.37      | Inactive | US - United States   | 6,695,842 | 10/014,118            | Inerspinous Process Distraction System and Method<br>With Positionable Wing and Method   |
| P0031061.38      | Inactive | US - United States   |           | 60/306,099            | Apparatus and Method For Determining Implant Size  |
| P0031202.00-USP1 | Inactive | US - United States   |           | 60/422,039            | Artificial Vertebral Disk Replacement Implant With<br>Translating Pivot Point and Method |
| P0031061.39      | Inactive | US - United States   | 6,652,534 | 09/978,387            | Apparatus and Method for Determining Implant Size  |

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



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

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

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

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

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

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| P0031365.00-USP1 | Inactive | US - United States                                   |           | 60/614,062          | Artificial Vertebral Disk Replacement Implant With a Magnetic Force Absorbing Mechanism and Method of Implanting Thereof |
| P0031366.00-USU1 | Inactive | US - United States                                   |           | 11/554,401          | Facet Joint Implant Sizing Tool  |
| P0031366.01      | Inactive | WO - World Intellectual Property Organization (WIPO) |           | PCT/US07/08<br>3012 | Facet Joint Implant Sizing Tool  |
| P0031065.03      | Inactive | US - United States                                   |           | 11/825,315          | Percutaneous Spinal Implants and Methods   |
| P0031367.00-USP1 | Inactive | US - United States                                   |           | 60/635,453          | Inter-Cervical Facet Implant and Method  |
| P0031367.01      | Inactive | US - United States                                   | 7,601,170 | 11/053,624          | Inter-Cervical Facet Implant and Method  |
| P0031367.02      | Inactive | US - United States                                   |           | 11/053,346          | Inter-Cervical Facet Implant and Method  |
| P0031367.03      | Active   | US - United States                                   | 7,591,851 | 11/053,399          | Inter-Cervical Facet Implant and Method  |
| P0031367.04      | Active   | US - United States                                   | 7,776,090 | 11/053,735          | Inter-Cervical Facet Implant and Method  |
| P0031367.05      | Active   | US - United States                                   | 7,763,050 | 11/093,557          | Inter-Cervical Facet Implant With Locking Screw and Method   |
| P0031367.06      | Active   | US - United States                                   | 8,100,944 | 11/093,689          | Inter-Cervical Facet Implant and Method for Preserving the Tissues Surrounding the Facet Joint                           |
| P0031367.07      | Inactive | US - United States                                   |           | 60/668,053          | Inter-Cervical Facet Implant Distraction Tool  |
| P0031367.08      | Inactive | US - United States                                   |           | 60/679,361          | Inter-Cervical Facet Implant With Implantation Tool  |
| P0031367.09      | Inactive | US - United States                                   |           | 60/679,363          | Inter-Cervical Facet Implant With Implantation Tool  |

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

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



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

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| P0031385.04 | Active   | US - United States                                   | 7,803,190 | 11/558,352            | INTERSPINOUS PROCESS APPARATUS AND METHOD WITH A SELECTABLY EXPANDABLE SPACER  |
| P0031386.01 | Inactive | US - United States                                   |           | 10/694,103            | INTERSPINOUS PROCESS IMPLANT WITH RADIOLUCCENT SPACER AND LEAD-IN TISSUE EXPANDER  |
| P0031386.02 | Inactive | WO - World Intellectual Property Organization (WIPO) |           | PCT/US03/03<br>3778   | INTERSPINOUS PROCESS IMPLANT WITH RADIOLUCCENT SPACER AND LEAD-IN TISSUE EXPANDER  |
| P0031387.01 | Inactive | US - United States                                   |           | 60/526,353            | BIORESORBABLE INTERSPINOUS PROCESS IMPLANT FOR USE WITH INTERVERTEBRAL DISK REMEDIATION OR REPLACEMENT IMPLANTS AND PROCEDURES |
| P0031387.02 | Inactive | US - United States                                   | 7,481,839 | 10/995,626            | BIORESORBABLE INTERSPINOUS PROCESS IMPLANT FOR USE WITH INTERVERTEBRAL DISK REMEDIATION OR REPLACEMENT IMPLANTS AND PROCEDURES |
| P0031387.03 | Inactive | US - United States                                   |           | 10/996,996            | METHOD FOR REMEDIATION OF INTERVETEBRAL DISKS  |
| P0031387.04 | Inactive | WO - World Intellectual Property Organization (WIPO) |           | PCT/US2004/<br>040134 | BIORESORBABLE INTERSPINOUS PROCESS IMPLANT FOR USE WITH INTERVERTEBRAL DISK REMEDIATION OR REPLACEMENT IMPLANTS AND PROCEDURES |
| P0031387.05 | Inactive | EP - European Patent Office (EPO)                    |           | 04812608.0            | BIORESORBABLE INTERSPINOUS PROCESS IMPLANT FOR USE WITH INTERVERTEBRAL DISK REMEDIATION OR REPLACEMENT IMPLANTS AND PROCEDURES |
| P0031387.06 | Inactive | JP - Japan   |           | 2006-542694           | BIORESORBABLE INTERSPINOUS PROCESS IMPLANT FOR USE WITH INTERVERTEBRAL DISK REMEDIATION OR REPLACEMENT IMPLANTS AND PROCEDURES |

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| P0031387.07 | Inactive | HK - Hong Kong                                       |           | 07100919.1        | BIORESORBABLE INTERSPINOUS PROCESS IMPLANT FOR USE WITH INTERVERTEBRAL DISK REMEDIATION OR REPLACEMENT IMPLANTS AND PROCEDURES |
| P0031388.01 | Inactive | US - United States                                   |           | 11/095,440        | INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION   |
| P0031388.03 | Inactive | WO - World Intellectual Property Organization (WIPO) |           | PCT/US2005/034057 | INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION   |
| P0031388.02 | Active   | US - United States                                   | 7,909,853 | 11/095,680        | INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION   |
| P0031388.04 | Inactive | AU - Australia                                       |           | 2005286630        | INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION   |
| P0031388.05 | Inactive | CA - Canada  |           | 2,582,527         | INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION   |
| P0031388.06 | Inactive | CN - China   |           | 20058004018       | INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION   |
| P0031388.07 | Active   | EP - European Patent Office (EPO)                    | 1804732   | 05798791.9        | INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION   |
| P0031388.08 | Inactive | HK - Hong Kong                                       |           | 08100562.0        | INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION   |
| P0031388.09 | Inactive | IL - Israel  |           | 1819778           | INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION   |
| P0031388.10 | Inactive | IN - India   |           | 1679/CHENP/2007   | INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION   |
| P0031388.11 | Inactive | JP - Japan   | 4667465   | 2007-533639       | INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION   |
| P0031388.12 | Inactive | KR - Republic of Korea                               |           | 7009238/2007      | INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION   |
| P0031388.13 | Inactive | MX - Mexico  |           | MX/a/200703406    | INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION   |

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| P0031388.14      | Inactive | US - United States                                   | 8,012,209       | 11/668,217          | INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER AND METHOD OF IMPLANTATION          |
| P0031389.01      | Active   | US - United States                                   | 8,147,548       | 11/378,892          | INTERSPINOUS PROCESS IMPLANT HAVING A THREAD-SHAPED WING AND METHOD OF IMPLANTATION |
| P0031389.02      | Inactive | WO - World Intellectual Property Organization (WIPO) |                 | PCT/US06/01<br>0434 | INTERSPINOUS PROCESS IMPLANT HAVING A THREAD-SHAPED WING                            |
| P0031389.03      | Inactive | AU - Australia                                       | 2006227004      | 2006227004          | INTERSPINOUS PROCESS IMPLANT HAVING A THREAD-SHAPED WING                            |
| P0031389.04      | Inactive | CN - China   | ZL20068008908.0 | 20068008908.0       | INTERSPINOUS PROCESS IMPLANT HAVING A THREAD-SHAPED WING                            |
| P0031389.05      | Active   | EP - European Patent Office (EPO)                    | 1868537         | 06739290.2          | INTERSPINOUS PROCESS IMPLANT HAVING A THREAD-SHAPED WING                            |
| P0031389.06      | Active   | JP - Japan   | 4,861,404       | 2008-503136         | INTERSPINOUS PROCESS IMPLANT HAVING A THREAD-SHAPED WING                            |
| P0031389.07      | Inactive | KR - Republic of Korea                               |                 | 7024292/2007        | INTERSPINOUS PROCESS IMPLANT HAVING A THREAD-SHAPED WING                            |
| P0031491.00-USU1 | Inactive | US - United States                                   | 4,969,888       | 07/308,724          | Surgical Protocol For Fixation of Osteoporotic Bone Using Inflatable Device         |
| P0031491.01      | Inactive | US - United States                                   | 5,108,404       | 07/567,862          | Surgical Protocol For Fixation of Bone Using Inflatable Device                      |
| P0031497.00-USU1 | Inactive | US - United States                                   | 6,048,346       | 08/910,809          | Systems and Methods for Injecting Flowable Materials Into Bones                     |
| P0031497.01      | Inactive | CA - Canada  |                 | 2,296,695           | Systems and Methodds for Injecting Flowable Materials Into Bones                    |
| P0031497.02      | Inactive | CN - China   |                 | 98807773.6          | Systems and Methodds for Injecting Flowable Materials Into Bones                    |
| P0031497.03      | Inactive | EP - European Patent Office (EPO)                    |                 | 98925082.4          | Systems and Methodds for Injecting Flowable Materials Into Bones                    |

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

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| P0031391.03 | Inactive | US - United States   | 11/378,894        | INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WING AS AN ADJUNCT TO SPINAL FUSION AND METHOD OF IMPLANTATION                             |
| P0031391.04 | Inactive | WO - World Intellectual Property Organization (WIPO)<br>WO - World Intellectual Property Organization (WIPO) | PCT/US2006/010115 | INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WING AND METHOD OF IMPLANTATION  |
| P0031391.05 | Inactive | WO - World Intellectual Property Organization (WIPO)<br>WO - World Intellectual Property Organization (WIPO) | PCT/US06/010521   | DO NOT USE THIS P-NUMBER - DUPLICATE OF 31115.10; INTERSPINOUS PROCESS IMPLANT WITH SLIDE-IN DISTRACTION PIECE AND METHOD OF IMPLANTATION |
| P0031497.17 | Inactive | Intellectual Property Organization (WIPO)  | PCT/US01/20215    | Systems and Methods for Injecting Flowable Materials Into Bones   |
| P0031497.18 | Inactive | US - United States   | 10/016,339        | Methods for Injecting Flowable Materials Into Bones   |
| P0031497.19 | Inactive | US - United States   | 10/630,519        | Systems and Methods for Injecting Flowable Materials Into Bones   |
| P0031497.20 | Inactive | US - United States   | 11/528,160        | Systems and Methods for Injecting Flowable Materials Into Bones   |
| P0031497.21 | Inactive | US - United States   | 11/789,243        | Systems and Methods for Injecting Flowable Materials Into Bones   |
| P0031061.73 | Inactive | CA - Canada  | 2,590,650         | SPINE DISTRACTION IMPLANT   |
| P0031391.07 | Inactive | US - United States   | 11/825,320        | INTERSPINOUS PROCESS IMPLANT HAVING DEPLOYABLE WING AND METHOD OF IMPLANTATION  |

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| P0023926.02      | Inactive | WO - World Intellectual Property Organization (WIPO) | 2,288,252  | 2,288,252      | US07/007815 | Vented Directional Delivery Cannula With Openings of Different Size and Shape For Use With Flowable Materials and Method For Use Thereof |
| P0031061.65      | Inactive | CA - Canada  | 2,288,252  | 2,288,252      |             | Spine Distraction Implant and Method   |
| P0031061.66      | Inactive | CN - China   | 97181755.3 | 97181755.3     |             | Spine Distraction Implant and Method   |
| P0031061.67-EPUI | Inactive | EP - European Patent Office (EPO)                    | 0959792    | 97954632.2     |             | Please do not docket in this record; Duplicate of 31061.122  |
| P0031061.68-ILU1 | Inactive | IL - Israel  |            |                |             | Spine Distraction Implant and Method   |
| P0031532.00-USU1 | Inactive | US - United States                                   | 6,468,279  | 09/014,229     |             | Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions  |
| P0031532.01      | Inactive | AU - Australia                                       | 757259     | 25603/99       |             | A Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions  |
| P0031532.02      | Inactive | CA - Canada  |            | 2,319,050      |             | A Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions  |
| P0031532.03      | Inactive | EP - European Patent Office (EPO)                    |            | 99905448.9     |             | A Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions  |
| P0031532.04      | Inactive | JP - Japan   | 4275854    | 2000-528208    |             | A Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions  |
| P0031532.05      | Inactive | NZ - New Zealand                                     | 505990     | 505990         |             | A Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions  |
| P0031532.06      | Inactive | WO - World Intellectual Property Organization (WIPO) |            | PCT/US99/01267 |             | A Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions  |
| P0031532.07      | Inactive | US - United States                                   | 7,063,703  | 10/227,714     |             | Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions  |

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



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

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

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|------------------|----------|--|------------|-------------------|--|
| P0031398.03      | Inactive | US - United States                                   | 7,588,592  | 11/866,325        | SYSTEM AND METHOD FOR IMMOBILIZING ADJACENT SPINOUS PROCESSES  |
| P0031399.01      | Inactive | US - United States                                   | 7,524,324  | 11/003,091        | SYSTEM AND METHOD FOR AN INTERSPINOUS PROCESS IMPLANT AS A SUPPLEMENT TO A SPINE STABILIZATION IMPLANT         |
| P0031567.00-USU1 | Inactive | US - United States                                   | 6,440,138  | 09/055,805        | Structures and Methods for Creating Cavities in Interior Body Regions  |
| P0031567.01      | Inactive | WO - World Intellectual Property Organization (WIPO) |            | PCT/US1999/007652 | Structures and Methods for Creating Cavities in Interior Body Regions  |
| P0031567.02      | Inactive | AT - Austria   | 1073371    | 99916476.7        | Structures and Methods for Creating Cavities in Interior Body Regions  |
| P0031567.03      | Inactive | AU - Australia                                       | 764518     | 34788/99          | Structures and Methods for Creating Cavities in Interior Body Regions  |
| P0031567.04      | Inactive | CA - Canada  | 2327702    | 2,327,702         | Structures and Methods for Creating Cavities in Interior Body Regions  |
| P0031567.05      | Inactive | IL - Israel  | 138,891    | 138,891           | Structures and Methods for Creating Cavities in Interior Body Regions  |
| P0031567.06      | Inactive | DE - Germany   | 69932610.9 | 99916476.7        | Structures and Methods for Creating Cavities in Interior Body Regions  |
| P0031567.07      | Inactive | EP - European Patent Office (EPO)                    |            |                   | Inactive P number - Inadvertently Opened Structures and Methods for Creating Cavities in Interior Body Regions |
| P0031567.08      | Inactive | ES - Spain   | 1073371    | 99916476.7        | Structures and Methods for Creating Cavities in Interior Body Regions  |
| P0031567.09      | Inactive | JP - Japan   |            | 2008-209109       | Structures and Methods for Creating Cavities in Interior Body Regions  |
| P0031567.10      | Inactive | JP - Japan   |            |                   | Inactive P number - Inadvertently Opened Structures and Methods for Creating Cavities in Interior Body Regions |

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|------------------|----------|--|-----------|----------------|--|
| P0031567.11      | Inactive | NO - Norway  |           |                | Inactive P number - Inadvertently Opened Structures and Methods for Creating Cavities in Interior Body Regions |
| P0031567.12      | Inactive | NZ - New Zealand                                     |           |                | Inactive P number - Inadvertently Opened Structures and Methods for Creating Cavities in Interior Body Regions |
| P0031567.13      | Inactive | PL - Poland  |           | P343370        | Structures and Methods for Creating Cavities in Interior Body Regions  |
| P0031567.14      | Inactive | US - United States                                   | 6,863,672 | 10/208,391     | Structures and Methods for Creating Cavities in Interior Body Regions  |
| P0031567.15      | Inactive | US - United States                                   |           | 10/958,944     | Structures and Methods for Creating Cavities in Interior Body Regions  |
| P0031567.16      | Inactive | US - United States                                   |           | 11/527,798     | Structures and Methods for Creating Cavities in Interior Body Regions By Propagation of Energy                 |
| P0031567.17      | Inactive | US - United States                                   |           | 11/527,837     | Methods and devices for treating fractured and/or diseased bone using an expandable whisk structure            |
| P0031567.18      | Inactive | CA - Canada  | 2583060   | 2,583,060      | Structures and Methods for Creating Cavities in Interior Body Regions  |
| P0031567.19      | Inactive | US - United States                                   |           | 11/789,226     | Apparatus and method for creating cavities in interior body regions  |
| P0031567.20      | Inactive | US - United States                                   | 7,909,827 | 11/789,225     | Structures and Methods for Creating Cavities in Interior Body Regions  |
| P0031593.00-USU1 | Inactive | US - United States                                   | 7,081,122 | 09/421,635     | Hand-Held Instruments That Access Interior Body Regions  |
| P0031593.01      | Inactive | WO - World Intellectual Property Organization (WIPO) |           | PCT/US00/28728 | Hand-Held Instruments That Access Interior Body Regions  |
| P0031593.02      | Inactive | AU - Australia                                       |           | 10932/01       | Hand-Held Instruments That Access Interior Body Regions  |
| P0031593.03      | Inactive | CA - Canada  |           | 2,387,914      | Hand-Held Instruments That Access Interior Body Regions  |

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|-------------|----------|-----------------------------------|-----------|-----------------|---|
| P0031593.04 | Inactive | CN - China                        |           | 815974.2        | Hand-Held Instruments That Access Interior Body Regions |
| P0031593.05 | Inactive | EP - European Patent Office (EPO) |           | 00972240.6      | Hand-Held Instruments That Access Interior Body Regions |
| P0031593.06 | Inactive | JP - Japan                        |           | 2006-267366     | Hand-Held Instruments That Access Interior Body Regions |
| P0031593.07 | Inactive | JP - Japan                        | 3886804   | 2001-531038     | Hand-Held Instruments That Access Interior Body Regions |
| P0031593.08 | Inactive | KR - Republic of Korea            | 699365    | 10-2002-7005095 | Hand-Held Instruments That Access Interior Body Regions |
| P0031593.09 | Inactive | NO - Norway                       |           | 20021814        | Hand-Held Instruments That Access Interior Body Regions |
| P0031593.10 | Inactive | NZ - New Zealand                  |           | 527405          | Hand-Held Instruments That Access Interior Body Regions |
| P0031593.11 | Inactive | NZ - New Zealand                  | 518414    | 518414          | Hand-Held Instruments That Access Interior Body Regions |
| P0031593.12 | Inactive | US - United States                | 6,575,919 | 09/695,566      | Hand-Held Instruments That Access Interior Body Regions |
| P0031593.13 | Inactive | AU - Australia                    |           | 2002239469      | Hand-Held Instruments That Access Interior Body Regions |
| P0031593.14 | Inactive | CA - Canada                       |           | 2,426,699       | Hand-Held Instruments That Access Interior Body Regions |
| P0031593.15 | Inactive | CN - China                        |           | 1817931.2       | Hand-Held Instruments That Access Interior Body Regions |
| P0031593.16 | Inactive | EP - European Patent Office (EPO) | 1328201   | 01987231.6      | Hand-Held Instruments That Access Interior Body Regions |
| P0031593.17 | Inactive | JP - Japan                        | 4410229   | 2006-267388     | Hand-Held Instruments That Access Interior Body Regions |
| P0031593.18 | Inactive | KR - Republic of Korea            | 699366    | 10-2003-7005729 | Hand-Held Instruments That Access Interior Body Regions |
| P0031593.19 | Inactive | NZ - New Zealand                  |           | 525451          | Hand-Held Instruments That Access Interior Body Regions |

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|-------------|----------|--|------------------|-------------------|--|
| P0031593.20 | Inactive | NZ - New Zealand                                     |                  | TBA               | This record set up in error<br>Hand-Held Instruments That Access Interior Body Regions                                       |
| P0031593.21 | Inactive | WO - World Intellectual Property Organization (WIPO) |                  | PCT/US2001/046006 | Hand-Held Instruments That Access Interior Body Regions  |
| P0031593.22 | Inactive | NO - Norway  |                  | 20020000018<br>14 | See 31593.09; this record is a duplicate and has been inactivated<br>Hand-Held Instruments That Access Interior Body Regions |
| P0031593.23 | Inactive | JP - Japan   | 3980481          | 2002-543980       | Hand-Held Instruments That Access Interior Body Regions  |
| P0031593.24 | Inactive | US - United States                                   | 7,399,306        | 10/431,681        | Hand-Held Instruments That Access Interior Body Regions  |
| P0031593.25 | Inactive | HK - Hong Kong                                       |                  | 3103949.3         | Hand-Held Instruments That Access Interior Body Regions  |
| P0031593.26 | Inactive | HK - Hong Kong                                       | 1075193          | 05109442.0        | HAND-HELD INSTRUMENTS THAT ACCESS INTERIOR BODY REGIONS  |
| P0031593.27 | Inactive | KR - Republic of Korea                               |                  | TBA               | This record set up in error.<br>Hand-Held Instruments That Access Interior Body Regions                                      |
| P0031593.28 | Inactive | KR - Republic of Korea                               | 10-0882364       | 10-2006-7022555   | Hand-Held Instruments That Access Interior Body Regions  |
| P0031593.29 | Inactive | CN - China   | ZL200710101020.8 | 200710101020.8    | Hand-Held Instruments That Access Interior Body Regions  |
| P0031593.30 | Inactive | US - United States                                   |                  | 11/789,244        | Hand-Held Instruments That Access Interior Body Regions  |
| P0031061.71 | Inactive | US - United States                                   | 8,029,542        | 11/982,462        | Supplemental Spine Fixation Device and Method  |
| P0031035.05 | Inactive | US - United States                                   |                  | 11/958,165        | Method of Laterally Inserting an Artificial Vertebral Disk Replacement Implant With Crossbar Spacer                          |

|                  |          |                                   |              |                 |   |
|------------------|----------|-----------------------------------|--------------|-----------------|---|
| P0031395.01      | Inactive | US - United States                |              | 11/874,862      | TENSIONER TOOL AND METHOD FOR IMPLANTING AN INTERSPINOUS PROCESS IMPLANT INCLUDING A BINDER |
| P0031752.00-USP1 | Inactive | US - United States                |              | 60/195,207      | Insertion Devices and Methods of Use  |
| P0031752.01      | Inactive | US - United States                | 8,092,480    | 09/828,470      | Insertion Devices and Methods of Use  |
| P0031752.02      | Inactive | AU - Australia                    | 2001253183   | 2001253183      | Insertion Devices and Methods of Use  |
| P0031752.03      | Inactive | CA - Canada                       |              | 2,405,281       | Insertion Devices and Methods of Use  |
| P0031752.04      | Inactive | CN - China                        | ZL01810772.9 | 01810772.9      | Insertion Devices and Methods of Use  |
| P0031752.05      | Inactive | EP - European Patent Office (EPO) | 1272113      | 01926662.6      | Insertion Devices and Methods of Use  |
| P0031752.07      | Inactive | JP - Japan                        |              | 2001-574016     | Insertion Devices and Methods of Use  |
| P0031752.08      | Inactive | KR - Republic of Korea            | 10-0882365   | 10-2002-7013467 | Insertion Devices and Methods of Use  |
| P0031752.09      | Inactive | NZ - New Zealand                  | 521800       | 521800          | Insertion Devices and Methods of Use  |
| P0031752.10      | Inactive | HK - Hong Kong                    |              | 04100480.3      | Insertion Devices and Methods of Use  |
| P0031752.11      | Inactive | US - United States                | 7,815,649    | 10/848,514      | Insertion Devices and Methods of Use  |
| P0031752.12      | Inactive | AU - Australia                    |              | 2005262796      | Insertion Devices and Methods of Use  |
| P0031752.13      | Inactive | CA - Canada                       |              | 2,567,381       | Insertion Devices and Methods of Use  |
| P0031752.14      | Inactive | CN - China                        |              | 20058002370     | See 31752.21; Insertion Devices and Methods of Use  |
| P0031752.15      | Inactive | EP - European Patent Office (EPO) |              | 05748260.6      | Insertion Devices and Methods of Use  |
| P0031752.16      | Inactive | JP - Japan                        |              |                 | See 31752.22; Insertion Devices and Methods of Use  |
| P0031752.17      | Inactive | KR - Republic of Korea            | 10-1179856   | 10-2006-7026408 | Insertion Devices and Methods of Use  |

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



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

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

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

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| 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            |          | 7003654/2004     | 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/2004/002284 | 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      | Active   | DE - Germany                      | 4023619  | 40203619.0       | Hand-Held Mixer for Flowable Materials   |
| P0031920.02      | Inactive | BX - Benelux                      | 35129-00 | 79383-00         | Hand-Held Mixer for Flowable Materials   |
| P0031920.03      | Active   | CH - Switzerland                  | 128,807  | 128,807          | Hand-Held Mixer for Flowable Materials   |
| P0031920.04      | Active   | FR - France                       | 689610/5 | 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   |

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| P0031984.00-USD1 | Inactive | US - United States                      | D492,032                 | 29/175,875          | Impact Handle for Hand Held Surgical Instruments                                     |
| P0031985.00-USD1 | Inactive | US - United States                      | D492,775                 | 29/175,874          | Impact Handle for Hand Held Surgical Instruments                                     |
| P0031986.00-USD1 | Inactive | US - United States                      | D495,417                 | 29/175,901          | Slip-Fit Handle for Hand Held Surgical Instruments                                   |
| P0031988.00-USD1 | Inactive | US - United States                      | D512,506                 | 29/190,192          | Hand Held Surgical Instrument For Creating Cavities<br>In Interior Body Regions      |
| P0031391.08      | Inactive | AU - Australia                          |                          | 2006227185          | INTERSPINOUS PROCESS IMPLANT HAVING<br>DEPLOYABLE WING AND METHOD OF<br>IMPLANTATION |
| P0031391.09      | Inactive | CA - Canada                             |                          | 2,599,459           | INTERSPINOUS PROCESS IMPLANT HAVING<br>DEPLOYABLE WING AND METHOD OF<br>IMPLANTATION |
| P0031391.10      | Active   | CN - China                              | ZL<br>200680009<br>136.2 | 20068000913<br>6.2  | INTERSPINOUS PROCESS IMPLANT HAVING<br>DEPLOYABLE WING AND METHOD OF<br>IMPLANTATION |
| P0031391.11      | Active   | EP - European<br>Patent Office<br>(EPO) | 1861046                  | 06739054.2          | INTERSPINOUS PROCESS IMPLANT HAVING<br>DEPLOYABLE WING AND METHOD OF<br>IMPLANTATION |
| P0031391.12      | Inactive | IL - Israel                             |                          | 183126              | INTERSPINOUS PROCESS IMPLANT HAVING<br>DEPLOYABLE WING AND METHOD OF<br>IMPLANTATION |
| P0031391.13      | Inactive | IN - India                              |                          | 4656/CHENP/<br>2007 | INTERSPINOUS PROCESS IMPLANT HAVING<br>DEPLOYABLE WING AND METHOD OF<br>IMPLANTATION |
| P0031391.14      | Active   | JP - Japan                              | 4837026                  | 2008-503077         | INTERSPINOUS PROCESS IMPLANT HAVING<br>DEPLOYABLE WING AND METHOD OF<br>IMPLANTATION |
| P0031391.15      | Inactive | KR - Republic of<br>Korea               |                          | 10-2007-<br>7024296 | INTERSPINOUS PROCESS IMPLANT HAVING<br>DEPLOYABLE WING AND METHOD OF<br>IMPLANTATION |

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| P0031391.16 | Inactive | MX - Mexico  |                       | MX/a/2007/0<br>11618 | INTERSPINOUS PROCESS IMPLANT HAVING<br>DEPLOYABLE WING AND METHOD OF<br>IMPLANTATION                      |
| P0031115.10 | Inactive | WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO) |                       | PCT/US06/01<br>0521  | INTERSPINIOUS PROCESS IMPLANT WITH SLIDE-IN<br>DISTRACTION PIECE AND METHOD OF<br>IMPLANTATION            |
| P0031115.11 | Inactive | CN - China   |                       | 20068000903<br>2.1   | INTERSPINOUS PROCESS IMPLANT WITH SLIDE-IN<br>DISTRACTION PIECE AND METHOD OF<br>IMPLANTATION             |
| P0031115.12 | Inactive | EP - European<br>Patent Office<br>(EPO)                          |                       | 06739348.8           | INTERSPINOUS PROCESS IMPLANT WITH SLIDE-IN<br>DISTRACTION PIECE AND METHOD OF<br>IMPLANTATION             |
| P0031115.13 | Inactive | JP - Japan   | 4865784               | 2008-503171          | INTERSPINOUS PROCESS IMPLANT WITH SLIDE-IN<br>DISTRACTION PIECE AND METHOD OF<br>IMPLANTATION             |
| P0031115.14 | Inactive | KR - Republic of<br>Korea  | 10-1221274<br>7024297 | 10-2007-<br>7024297  | INTERSPINOUS PROCESS IMPLANT WITH SLIDE-IN<br>DISTRACTION PIECE AND METHOD OF<br>IMPLANTATION             |
| P0031798.32 | Inactive | US - United States   |                       | 08/485,394           | INFLATABLE DEVICE FOR USE IN SURGICAL<br>PROTOCOLS RELATING TO TREATMENT OF<br>FRACTURED OR DISEASED BONE |
| P0031798.33 | Inactive | US - United States   | 6,066,154             | 08/792,934           | INFLATABLE DEVICE FOR USE IN SURGICAL<br>PROTOCOL RELATING TO FIXATION OF BONE                            |
| P0031798.34 | Inactive | US - United States   |                       | 08/799,832           | INFLATABLE DEVICE FOR USE IN SURGICAL<br>PROTOCOL RELATING TO TREATMENT OF FRACTURE<br>OF DISEASES BONE   |
| P0031798.35 | Inactive | US - United States   | 6,423,083             | 09/059,796           | INFLATABLE DEVICE FOR USE IN SURGICAL<br>PROTOCOL RELATING TO FIXATION OF BONE                            |

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|------------------|----------|--------------------|------------|--|---|
| P0031798.36      | Inactive | US - United States | 10/044,843 | Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |   |
| P0031798.37      | Inactive | US - United States | 7,261,720  | 10/265,922   | INFLATABLE DEVICE FOR USE IN SURGICAL PROTOCOL RELATING TO FIXATION OF BONE |
| P0031798.38      | Inactive | US - United States | 10/411,573 | Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone                          |   |
| P0031798.39      | Inactive | US - United States | 10/458,235 | See 31798.138 (010-0002US11); this record was a duplicate and has been inactivated                   |   |
| P0031798.40      | Inactive | US - United States | 11/528,163 | Inflatable device for use in surgical protocols relating to treatment of fractured or diseased bone  |   |
| P0031798.41      | Inactive | US - United States | 11/827,120 | Systems and Methods for Removing Tissue from a Cancellous Bone Volume                                |   |
| P0031798.62      | Inactive | NO - Norway        | 19963115   | Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |   |
| P0031798.42      | Inactive | US - United States | 7,261,720  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone                 |   |
| P0032010.00-USU1 | Inactive | US - United States | 5,972,015  | See 31798.37 (010-0002US19); this record is a duplicate and has been inactivated                     |   |
| P0032010.01      | Inactive | US - United States | 6,280,456  | 09/404,662   | Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |
| P0032010.02      | Inactive | US - United States | 6,623,505  | 09/918,942   | Expandable, Asymmetric Structures for Deployment in Interior Body Regions   |
| P0032010.03      | Inactive | US - United States | 7,156,861  | 10/436,551   | Methods for Treating Bone   |
| P0032010.04      | Inactive | US - United States | 8,034,071  | 11/527,861   | Expandable Structures for Deployment in Interior Body Regions               |
|                  |          |                    |            |  | Expandable Structures for Deployment in Interior Body Regions               |
|                  |          |                    |            |  | Systems and Methods for Forming A Cavity In Cancellous Bone                 |

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|-------------|----------|-----------------------------------|---------------|-------------|--|
| P0031798.43 | Inactive | ES - Spain                        | 1464293       | 04076935.8  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |
| P0031798.45 | Inactive | JP - Japan                        | 3333211       | 1995-520152 | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |
| P0031798.46 | Inactive | IT - Italy                        | 1464293       | 04076935.8  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |
| P0031798.47 | Inactive | IT - Italy                        | 0741547       | 95908122.5  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |
| P0031798.48 | Inactive | GB - United Kingdom               | 1464293       | 04076935.8  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |
| P0031798.49 | Inactive | GB - United Kingdom               | 0741547       | 95908122.5  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |
| P0031798.50 | Inactive | FR - France                       | 1464293       | 04076935.8  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |
| P0031798.51 | Inactive | FR - France                       | 0741547       | 95908122.5  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |
| P0031798.52 | Inactive | DE - Germany                      | 69535492.2.08 | 04076935.8  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |
| P0031798.53 | Inactive | EP - European Patent Office (EPO) |               | 04077703.9  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |
| P0031798.54 | Inactive | EP - European Patent Office (EPO) | 1464293       | 04076935.8  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |
| P0031798.55 | Inactive | EP - European Patent Office (EPO) | 0741547       | 95908122.5  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |
| P0031798.56 | Inactive | DE - Germany                      | 69534156.1    | 95908122.5  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |
| P0031798.57 | Inactive | CH - Switzerland                  | 1464293       | 04076935.8  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |
| P0031798.58 | Inactive | CA - Canada                       | 2,180,556     | 2,180,556   | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |



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|-------------|----------|--|---------------|-------------|---|
| P0031798.59 | Inactive | AU - Australia   | 702330        | 16073/95    | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone                                |
| P0031798.60 | Inactive | RU - Russian Federation  | 2147213       | 96117032    | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone                                |
| P0031798.61 | Inactive | NZ - New Zealand   | 279,442       | 279,442     | Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone   |
| P0031798.63 | Inactive | KR - Republic of Korea<br>WO - World Intellectual Property Organization (WIPO) | 0355207       | 96-704019   | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone                                |
| P0031798.64 | Inactive | PCT/US95/01<br>011   |               |             | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone                                |
| P0031798.65 | Inactive | JP - Japan   |               | 2004-341300 | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone                                |
| P0031798.66 | Inactive | JP - Japan   |               | 9-502094    | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone                                |
| P0031798.67 | Inactive | IT - Italy   | 0836435       | 96921483.2  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone                                |
| P0031798.68 | Inactive | GB - United Kingdom  | 0836435       | 96921483.2  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone                                |
| P0031798.69 | Inactive | FR - France  | 0836435       | 96921483.2  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone                                |
| P0031798.70 | Inactive | EP - European Patent Office (EPO)  | 0836435       | 96921483.2  | Device with an Inflatable Balloon for Use in Surgical Protocols Relating to Treatment of Fractured or Diseased Bone |
| P0031798.71 | Inactive | DE - Germany   | 69633286.8-08 | 96921483.2  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone                                |
| P0031798.72 | Inactive | CA - Canada  | 2222144       | 2222144     | Expandable Devices for Treatment of Fractured or Diseased Bone  |
| P0031798.73 | Inactive | BE - Belgium   | 0836435       | 96921483.2  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone                                |

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|-------------------|----------|--|-----------|-------------------|--|
| P0031798.74       | Inactive | AU - Australia                                       | 713014    | 62700/96          | Improved Inflatable Device for Use in Surgical Protocols Relating to Treatment of Fractured or Diseased Bone             |
| P0031798.75       | Inactive | SG - Singapore                                       | 48681     | 9705483-7         | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone                                     |
| P0031798.76       | Inactive | NZ - New Zealand                                     | 311,383   | 311,383           | Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone  |
| P0031798.77       | Inactive | WO - World Intellectual Property Organization (WIPO) |           | PCT/US1996/009933 | Improved Inflatable Device for Use in Surgical Protocols Relating to Treatment of Fractured or Diseased Bone             |
| P0031798.78       | Inactive | KR - Republic of Korea                               | 10-500867 | 10-1997-709133    | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone                                     |
| P0031798.79       | Inactive | JP - Japan   |           | 2007-22274        | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone                                     |
| P0031798.80       | Inactive | JP - Japan   | 3722845   | 11-502800         | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies  |
| P0031798.81       | Inactive | IS - Iceland   |           | 5261/1999         | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies  |
| P0031798.82       | Inactive | IL - Israel  | 133,257   | 133,257           | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies  |
| P0031798.83       | Inactive | HU - Hungary   |           | P00001956         | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies  |
| P0031798.84-EPUI1 | Inactive | EP - European Patent Office (EPO)                    | 0987991   | 98925208.5        | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies  |
| P0031798.85       | Inactive | CZ - Czech Republic                                  |           | PV 1999-4442      | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies  |
| P0031987.00-USD1  | Inactive | US - United States                                   | D506,828  | 29/190,564        | Y-Adapter  |
| P0031798.86       | Inactive | CN - China   |           | 2004/10036810.9   | See 31798.161; this record is a duplicate<br>Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |

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|--------------|----------|------------------|------------------|------------|--|
| P0031798.87  | Inactive | CN - China       | ZL9880597<br>3.8 | 98805973.8 | Systems for Treating Fractured or Diseased Bone<br>Using Expandable Bodies     |
| P0031798.88  | Inactive | CA - Canada      | 2,292,521        | 2,292,521  | Systems for Treating Fractured or Diseased Bone<br>Using Expandable Bodies     |
| P0031798.89  | Inactive | AU - Australia   |                  | 2002323727 | Systems for Treating Fractured or Diseased Bone<br>Using Expandable Bodies     |
| P0031798.90  | Inactive | AU - Australia   |                  | 2002323729 | Systems for Treating Fractured or Diseased Bone<br>Using Expandable Bodies     |
| P0031798.91  | Inactive | AU - Australia   |                  | 2002323731 | Systems for Treating Fractured or Diseased Bone<br>Using Expandable Bodies     |
| P0031798.92  | Inactive | AU - Australia   | 200232373<br>0   | 2002323730 | Systems for Treating Fractured or Diseased Bone<br>Using Expandable Bodies     |
| P0031798.93  | Inactive | AU - Australia   | 200232372<br>6   | 2002323726 | Systems for Treating Fractured or Diseased Bone<br>Using Expandable Bodies     |
| P0031798.94  | Inactive | AU - Australia   | 752440           | 77212/98   | Systems for Treating Fractured or Diseased Bone<br>Using Expandable Bodies     |
| P0031798.95  | Inactive | SK - Slovakia    |                  | PV 1677-99 | Systems for Treating Fractured or diseased Bone<br>Using Expandable Bodies     |
| P0031798.97  | Inactive | SG - Singapore   | 69524            | 9905850-5  | Inflatable Device for Use in Surgical Protocol Relating<br>to Fixation of Bone |
| P0031798.98  | Inactive | PL - Poland      |                  | P337780    | Systems for Treating Fractured or Diseased Bone<br>Using Expandable Bodies     |
| P0031798.99  | Inactive | NZ - New Zealand | 513,470          | 513,470    | Systems for Treating Fractured or Diseased Bone<br>Using Expandable Bodies     |
| P0031798.100 | Inactive | NZ - New Zealand | 513,469          | 513,469    | Systems for Treating Fractured or Diseased Bone<br>Using Expandable Bodies     |
| P0031798.101 | Inactive | NZ - New Zealand | 513,471          | 513,471    | Systems for Treating Fractured or Diseased Bone<br>Using Expandable Bodies     |
| P0031798.102 | Inactive | NZ - New Zealand | 513,472          | 513,472    | Systems for Treating Fractured or Diseased Bone<br>Using Expandable Bodies     |
| P0031798.103 | Inactive | NZ - New Zealand | 513,473          | 513,473    | Systems for Treating Fractured or Diseased Bone<br>Using Expandable Bodies     |
| P0031798.104 | Inactive | NZ - New Zealand | 501,338          | 501,338    | System for Treating Fractured or Diseased Bone<br>Using Expandable Bodies      |

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|--------------|----------|--|---------|-------------------|--|
| P0031798.105 | Inactive | NO - Norway  |         | 19995988          | Systems for Treating Fractured or Diseased Bone Using Expandable Bodies                              |
| P0031798.106 | Inactive | KR - Republic of Korea                               | 591,645 | 10-1999-7011623   | Systems for Treating Fractured or Diseased Bone Using Expandable Bodies                              |
| P0031798.107 | Inactive | WO - World Intellectual Property Organization (WIPO) |         | PCT/US98/11386    | Systems for Treating Fractured or Diseased Bone Using Expandable Bodies                              |
| P0031798.108 | Inactive | VN - Vietnam   |         | S19991011         | Systems for Treating Fractured or Diseased Bone Using Expandable Bodies                              |
| P0031798.109 | Inactive | KP - Korea, Democratic People's Republic of          | 35961   | 99-1029           | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies                              |
| P0031798.110 | Inactive | JP - Japan   | 4493629 | 2006-215128       | Systems for Treating Fractured or Diseased Bone Using Expandable Bodies                              |
| P0031798.111 | Inactive | JP - Japan   | 4023691 | 2005-195467       | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies                              |
| P0031798.112 | Inactive | WO - World Intellectual Property Organization (WIPO) |         | PCT/US98/25940    | Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone                          |
| P0031798.113 | Inactive | JP - Japan   | 4292081 | 2003-559380       | Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |
| P0031798.114 | Inactive | WO - World Intellectual Property Organization (WIPO) |         | PCT/US2002/036320 | Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |

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|--------------|----------|-----------------------------------|---------------|-----------------|--|
| P0031798.115 | Inactive | KR - Republic of Korea            | 10-0959444    | 10-2004-7010850 | Device and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone  |
| P0031798.116 | Inactive | AT - Austria                      | 1463464       | 387164          | Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |
| P0031798.117 | Inactive | TR - Turkey                       | TR200706185T4 | 2793920.6       | Devices and Methods Using an Expandable Body With Internal Restraint For Compressing Cancellous Bone |
| P0031798.118 | Inactive | CA - Canada                       | 2472594       | 2472594         | Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |
| P0031798.119 | Inactive | CH - Switzerland                  | 1463464       | 2793920.6       | Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |
| P0031798.120 | Inactive | CN - China                        | ZL02828501.8  | 02828501.8      | Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |
| P0031798.121 | Inactive | DE - Germany                      | 60220716.9    | 2793920.6       | Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |
| P0031798.122 | Inactive | EP - European Patent Office (EPO) | 1463464       | 02793920.6      | Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |
| P0031798.123 | Inactive | IT - Italy                        | 1463464       | 2793920.6       | Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |
| P0031798.124 | Inactive | GB - United Kingdom               | 1463464       | 2793920.6       | Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |
| P0031798.125 | Inactive | FR - France                       | 1463464       | 2793920.6       | Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |

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

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|--------------|----------|--|-----------|---------------------|--|
| P0032056.03  | Active   | US - United States                                   | 7,278,778 | 11/651,164          | Methods for Mixing and Transferring Flowable Materials                   |
| P0032056.04  | Inactive | US - United States                                   |           |                     | Systems, Methods and Kits for Mixing and Transferring Flowable Materials |
| P0032056.05  | Inactive | WO - World Intellectual Property Organization (WIPO) |           | PCT/US01/04<br>6051 | Systems and Methods for Mixing and Transferring Flowable Materials       |
| P0032056.06  | Inactive | HK - Hong Kong                                       | 1062817   | 4105602.5           | Systems and Methods for Mixing and Transferring Flowable Materials       |
| P0032056.07  | Inactive | EP - European Patent Office (EPO)                    |           | 01988621.7          | Systems and Methods for Mixing and Transferring Flowable Materials       |
| P0031798.136 | Inactive | CA - Canada  |           | 2,595,035           | Systems for Treating Fractured or Diseased Bone Using Expandable Bodies  |
| P0032056.08  | Inactive | AU - Australia                                       |           | 2002225867          | Systems and Methods for Mixing and Transferring Flowable Materials       |
| P0032056.09  | Inactive | CA - Canada  |           | 2,426,691           | Systems and Methods for Mixing and Transferring Flowable Materials       |
| P0032056.10  | Inactive | CN - China   |           | 1818005.1           | Systems and Methods for Mixing and Transferring Flowable Materials       |
| P0032056.11  | Inactive | JP - Japan   | 4173991   | 2002-537419         | Systems and Methods for Mixing and Transferring Flowable Materials       |
| P0032056.12  | Inactive | KR - Republic of Korea                               |           | 10-2003-7005811     | Systems and Methods for Mixing and Transferring Flowable Materials       |
| P0032056.13  | Inactive | NZ - New Zealand                                     |           | 525,489             | Systems and Methods for Mixing and Transferring Flowable Materials       |
| P0031061.72  | Inactive | CA - Canada  | 2594661   | 2,594,661           | Spine Distraction Implant and Method                                     |
| P0031061.74  | Inactive | CA - Canada  |           | 2584388             | Spine Distraction Implant  |
| P0031061.75  | Inactive | AU - Australia                                       | 750662    | 199913624           | Spine Distraction Implant  |
| P0031061.76  | Inactive | CA - Canada  | 2307878   | 2,307,878           | Spine Distraction Implant  |
| P0031061.77  | Inactive | CN - China   | 173181    | 98811736.3          | Spine Distraction Implant  |

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| P0031061.78-EPU1 | Inactive | EP - European Patent Office (EPO)               | 1030615      | 98957346.4      | 31061.132   | Please do not docket in this record; Duplicate of     |
| P0031061.79      | Inactive | JP - Japan<br>EP - European Patent Office (EPO) | 4168311      | 2000-517665     | Spine Distraction Implant                             | Spine Distraction Implant                             |
| P0031061.80      | Inactive | Patent Office (EPO)                             |              | 07019046.7      | Spine Distraction Implant                             | Spine Distraction Implant                             |
| P0031061.81      | Inactive | KR - Republic of Korea                          | 614673       | 10-2000-7004546 | Spine Distraction Implant                             | Spine Distraction Implant                             |
| P0031061.78-ATN1 | Inactive | AT - Austria                                    | 380510       | 98957346.4      | Spine Distraction Implant                             | Spine Distraction Implant                             |
| P0031061.78-CHU1 | Inactive | CH - Switzerland                                | 1030615      | 98957346.4      | 31061.138   | Please do not docket in this record; Duplicate of     |
| P0031061.78-DEN1 | Inactive | DE - Germany                                    | 69838851.808 | 98957346.4      | 31061.134   | Please do not docket in this record; Duplicate of     |
| P0031061.78-ESN1 | Inactive | ES - Spain                                      | 1030615      | 98957346.4      | 31061.137   | Please do not docket in this record; Duplicate of     |
| P0031061.78-FRN1 | Inactive | FR - France                                     | 1030615      | 98957346.4      | 31061.133   | Please do not docket in this record; Duplicate of     |
| P0031061.78-GBN1 | Inactive | GB - United Kingdom                             | 1030615      | 98957346.4      | 31061.135   | Please do not docket in this record; Duplicate of     |
| P0031061.78-ITN1 | Inactive | IT - Italy                                      | 1030615      | 98957346.4      | 31061.136   | Please do not docket in this record; Duplicate of     |
| P0026978.00-USU1 | Active   | US - United States                              | 8,840,592    | 12/046,856      | PISTON FOR MATERIAL DELIVERY SYSTEM                   | PISTON FOR MATERIAL DELIVERY SYSTEM                   |
| P0031034.02      | Active   | EP - European Patent Office (EPO)               | 1931399      | 06776621.2      | Bone Cement Composition and Method of Making the Same | Bone Cement Composition and Method of Making the Same |



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

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

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| P0032193.03      | Inactive | EP - European Patent Office (EPO)                    | 06773255.2              | Retractable Cannula and Method for Minimally Invasive Medical Procedure                                |
| P0032195.00-USU1 | Inactive | US - United States                                   | 11/124,387              | Minimally Invasive Apparatus and Method for Treatment of a Tumor Associated with a Bone                |
| P0032195.02      | Inactive | EP - European Patent Office (EPO)                    | 06751354.9              | Minimally Invasive Apparatus and Method for Treatment of a Tumor Associated with a Bone                |
| P0032196.00-USU1 | Inactive | US - United States                                   | 11/095,613              | Apparatus Having at Least One Actuable Planar Surface and Method Using the Same for a Spinal Procedure |
| P0032196.01      | Inactive | WO - World Intellectual Property Organization (WIPO) | PCT/US06/008521         | Apparatus Having at Least One Actuable Planar Surface and Method Using the Same for a Spinal Procedure |
| P0032196.02      | Inactive | EP - European Patent Office (EPO)                    | 06737678.0              | Apparatus Having at Least One Actuable Planar Surface and Method Using the Same for a Spinal Procedure |
| P0032198.00-USU1 | Inactive | US - United States                                   | 8,187,327<br>11/131,345 | Selectively -Expandable Bone Scaffold  |
| P0032198.01      | Inactive | WO - World Intellectual Property Organization (WIPO) | PCT/US06/018984         | Selectively-Expandable Bone Scaffold   |
| P0032198.02      | Inactive | EP - European Patent Office (EPO)                    | 06759965.4              | Selectively-Expandable Bone Scaffold   |
| P0032198.03      | Inactive | CN - China   | 200680016884.3          | Selectively-Expandable Bone Scaffold   |
| P0032198.04      | Inactive | JP - Japan   | 2008-512450             | Selectively-Expandable Bone Scaffold   |
| P0032198.05      | Inactive | KR - Republic of Korea                               | 10-2007-7029450         | Selectively-Expandable Bone Scaffold   |

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|------------------|----------|---|-----------|-----------------|---|
| P0031798.138     | Inactive | US - United States  |           | 10/458,235      | Inflatable Device for Use in Surgical Protocols Relating to Treatment of Fractured or Diseased Bone   |
| P0031798.139     | Inactive | US - United States  |           | 11/214,652      | Vertebral Body Having an Altered Native Cancellous Bone Volume and Related Treatment Methods  |
| P0032205.00-USP1 | Inactive | US - United States  |           | 60/683,803      | Low-Compliant Expandable Medical Device   |
| P0032205.01      | Active   | US - United States  | 7,955,339 | 11/438,693      | Low-Compliance Expandable Medical Device  |
| P0032205.02      | Inactive | US - United States  |           | 11/438,683      | Bone Probe Apparatus and Method of Use  |
| P0031798.140     | Inactive | US - United States  |           | 11/450,264      | See 31798.22; this matter is a duplicate and has been inactivated<br>Vertebral Body Having an Altered Native Cancellous Bone Volume and Related Treatment Methods |
| P0032205.03      | Inactive | US - United States  |           | 11/438,692      | Low-Compliance Expandable Medical Device  |
| P0032205.04      | Inactive | WO - World Intellectual Property Organization (WIPO)<br>EA - Eurasian Patent Organization (EAPO)<br>EP - European Patent Office (EPO) |           | PCT/US06/019900 | Low-Compliance Expandable Medical Device  |
| P0031798.137     | Inactive | Patent Organization (EAPO)  | 1570      | 1999901107      | Systems for Treating Fractured or Diseased Bone Using Expandable Bodies   |
| P0032205.05      | Active   | Patent Office (EPO)   |           | 06760296.1      | Low-Compliance Expandable Medical Device  |
| P0031798.142     | Inactive | US - United States  |           | 09/088,459      | Expandable Performed Structures for Deployment in Interior Body Regions   |

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| P0031798.143 | Inactive | AU - Australia                                       | 756969    | 43250/99       | Expandable Performed Structures for Deployment in Interior Body Regions |
| P0031798.144 | Inactive | CA - Canada  | 2333761   | 2,333,761      | Expandable Performed Structures for Deployment in Interior Body Regions |
| P0031798.145 | Inactive | EP - European Patent Office (EPO)                    | 1083836   | 99955201.1     | Expandable Performed Structures for Deployment in Interior Body Regions |
| P0031798.146 | Inactive | IL - Israel  | 140,013   | 140,013        | Expandable Performed Structures for Deployment in Interior Body Regions |
| P0031798.147 | Inactive | JP - Japan   | 4393706   | 2000-551679    | Expandable Performed Structures for Deployment in Interior Body Regions |
| P0031798.148 | Inactive | NO - Norway  |           | 20006089       | Expandable Performed Structures for Deployment in Interior Body Regions |
| P0031798.149 | Inactive | NZ - New Zealand                                     | 508401    | 508401         | Expandable Performed Structures for Deployment in Interior Body Regions |
| P0031798.150 | Inactive | WO - World Intellectual Property Organization (WIPO) |           | PCT/US99/12120 | Expandable Performed Structures for Deployment in Interior Body Regions |
| P0031798.151 | Inactive | US - United States                                   | 6,607,544 | 09/420,529     | Expandable Performed Structures for Deployment in Interior Body Regions |
| P0031798.152 | Inactive | US - United States                                   | 6,719,773 | 09/595,963     | See 31798.187; this matter is a duplicate record                        |
| P0031798.153 | Inactive | US - United States                                   | 6,979,341 | 09/837,350     | Expandable Structures for Deployment in Interior Body Regions           |
| P0032208.01  | Active   | US - United States                                   | 7,383,639 | 11/449,854     | Expandable Performed Structures for Deployment in Interior Body Regions |
| P0031798.154 | Inactive | AU - Australia                                       |           | 2003203814     | Expandable Performed Structures for Deployment in Interior Body Regions |
| P0032208.03  | Active   | EP - European Patent Office (EPO)                    | 1901654   | 06774578.6     | Measurement Instrument For Percutaneous Surgery                         |

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

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

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



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

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

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| P0031097.38 | Inactive | WO - World Intellectual Property Organization (WIPO)<br>WO - World Intellectual Property Organization (WIPO) | PCT/US2001/022145 | Systems and Methods for Treating Vertebral Bodies                                  |
| P0031097.39 | Inactive |  | PCT/US2001/045589 | Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula |
| P0031097.40 | Inactive | AU - Australia   | 2001277885        | Systems and Methods for Treating Vertebral Bodies                                  |
| P0031097.41 | Inactive | AU - Australia   | 2001269954        | Systems and Methods for Treating Vertebral Bodies                                  |
| P0031097.42 | Inactive | AU - Australia   | 759710            | Systems and Methods for Placing Materials Into Bone                                |
| P0031097.43 | Inactive | AU - Australia   | 2003213545        | Systems for Placing Materials Into Bone  |
| P0031097.44 | Inactive | AU - Australia   | 2006220431        | Systems and Methods for Placing Materials Into Bone                                |
| P0031097.45 | Inactive | AU - Australia   | 2006220431        | Systems and Methods for Placing Materials Into Bone                                |
| P0031097.46 | Inactive | AU - Australia   | 2001253267        | Methods and Devices for Treating Fractured and/or Diseased Bone                    |
| P0031097.47 | Inactive | AU - Australia   | 2007200754        | Methods and Devices for Treating Fractured and/or Diseased Bone                    |
| P0031097.48 | Inactive | AU - Australia   | 2002225837        | Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula |
| P0031097.49 | Inactive | AU - Australia   | 2007201697        | Systems for Reducing Fractured Bone Using a Fracture Reduction Cannula             |
| P0031097.50 | Inactive | AT - Austria   | 1294323           | Systems for Treating Vertebral Bodies  |
| P0031097.51 | Inactive | AT - Austria   | 99937310.3        | Systems and Methods for Placing Materials Into Bone                                |

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

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| P0031097.66       | Inactive | EP - European Patent Office (EPO) |               | 07075292.8 | Systems and Methods for Treating Vertebral Bodies                                  |
| P0031097.67       | Inactive | EP - European Patent Office (EPO) | 1272131       | 01926753.3 | Methods and Devices for Treating Fractured and/or Diseased Bone                    |
| P0031097.68-EPUI1 | Inactive | EP - European Patent Office (EPO) | 1328203       | 01988557.3 | Systems for Reducing Fractured Bone Using a Fracture Reduction Cannula             |
| P0031097.69       | Inactive | FR - France                       | 1104260       | 99937310.3 | Systems and Methods for Placing Materials Into Bone                                |
| P0031097.70       | Inactive | FR - France                       | 1294323       | 01948520.0 | Systems for Treating Vertebral Bodies  |
| P0031097.71       | Inactive | FR - France                       | 1272131       | 01926753.3 | Methods and Devices for Treating Fractured and/or Diseased Bone                    |
| P0031097.72       | Inactive | DE - Germany                      | 69933037.8.08 | 99937310.3 | Systems and Methods for Placing Materials Into Bone                                |
| P0031097.73       | Inactive | DE - Germany                      | 60128087.3.08 | 01948520.0 | Systems for Treating Vertebral Bodies  |
| P0031097.74       | Inactive | DE - Germany                      | 60117524.7.08 | 01926753.3 | Methods and Devices for Treating Fractured and/or Diseased Bone                    |
| P0031097.75       | Inactive | HK - Hong Kong                    | HK1057690     | 04100620.4 | Systems and Methods for Treating Vertebral Bodies                                  |
| P0031097.76       | Inactive | HK - Hong Kong                    |               | 04101367.9 | Systems and Methods for Placing Materials Into Bone                                |
| P0031097.77       | Inactive | HK - Hong Kong                    | HK1069757     | 5102445.2  | Systems and Methods for Placing Materials Into Bone                                |
| P0031097.78       | Inactive | HK - Hong Kong                    |               | 7101120.4  | Systems and Methods for Vertebral Bodies   |
| P0031097.79       | Inactive | HK - Hong Kong                    |               | confirm    | Systems and Methods for Placing Materials Into Bone                                |
| P0031097.80       | Inactive | HK - Hong Kong                    |               | 5109075.4  | Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula |
| P0031097.81       | Inactive | IL - Israel                       | 141269        | 141269     | Systems and Methods for Placing Materials Into Bone                                |

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|--------------|----------|------------------------|------------|-----------------|--|
| P0031097.82  | Inactive | IT - Italy             | 1104260    | 99937310.3      | Systems and Methods for Placing Materials Into Bone                                |
| P0031097.83  | Inactive | IT - Italy             | 1294323    | 01948520.0      | Systems for Treating Vertebral Bodies  |
| P0031097.84  | Inactive | IT - Italy             | 1272131    | 01926753.3      | Methods and Devices for Treating Fractured and/or Diseased Bone                    |
| P0031097.104 | Inactive | NZ - New Zealand       |            | 521783          | Methods and Devices for Treating Fractured and/or Diseased Bone                    |
| P0031097.85  | Inactive | JP - Japan             | 4138248    | 2000-564531     | Systems and Methods for Placing Materials Into Bone                                |
| P0031097.86  | Inactive | JP - Japan             |            | 2002-503199     | Systems and Methods for Treating Vertebral Bodies                                  |
| P0031097.87  | Inactive | JP - Japan             | 4809572    | 2002-522779     | Systems and Methods for Treating Vertebral Bodies                                  |
| P0031097.88  | Inactive | JP - Japan             | 4584526    | 2001-574036     | Methods and Devices for Treating Fractured and/or Diseased Bone                    |
| P0031097.89  | Inactive | JP - Japan             |            | 2006-267394     | Methods and Devices for Treating Fractured and/or Diseased Bone                    |
| P0031097.90  | Inactive | JP - Japan             | 4348427    | 2002-537204     | Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula |
| P0031097.91  | Inactive | KR - Republic of Korea | 10-0818384 | 10-2001-7001940 | Systems and Methods for Placing Materials Into Bone                                |
| P0031097.92  | Inactive | KR - Republic of Korea | 828223     | 10-2002-7017447 | Systems and Methods for Treating Vertebral Bodies                                  |
| P0031097.93  | Inactive | KR - Republic of Korea |            | 10-2003-7000591 | Systems and Methods for Treating Vertebral Bodies                                  |
| P0031097.94  | Inactive | KR - Republic of Korea |            | 10-2007-7004545 | Systems and Methods for Placing Materials Into Bone                                |
| P0031097.95  | Inactive | KR - Republic of Korea | 10-0793005 | 10-2007-7021466 | Systems and Methods for Placing Materials Into Bone                                |
| P0031097.96  | Inactive | KR - Republic of Korea | 10/092055  | 10-2007-7022236 | Systems and Methods for Treating Vertebral Bodies                                  |
| P0031097.97  | Inactive | KR - Republic of Korea | 717224     | 10-2002-7013399 | Methods and Devices for Treating Fractured and/or Diseased Bone                    |

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

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| P0031097.117     | Inactive | GB - United Kingdom                                  | 1272131         | 01926753.3      | Methods and Devices for Treating Fractured and/or Diseased Bone     |
| P0032254.00-USU1 | Inactive | US - United States                                   | 11/056,785      | 20068000477     | Systems and Methods for Providing Cavities in Interior Body Regions |
| P0032254.01      | Inactive | CN - China   | 1.1             | 20068000477     | Systems and Methods for Providing Cavities in Interior Body Regions |
| P0032254.02      | Inactive | EP - European Patent Office (EPO)                    | 06734179.2      | 1.1             | Systems and Methods for Providing Cavities in Interior Body Regions |
| P0032254.03      | Inactive | JP - Japan   | 2007-555134     | 2007-555134     | Systems and Methods for Providing Cavities in Interior Body Regions |
| P0032254.04      | Inactive | KR - Republic of Korea                               | 10-2007-7020648 | 10-2007-7020648 | Systems and Methods for Providing Cavities in Interior Body Regions |
| P0032254.05      | Inactive | WO - World Intellectual Property Organization (WIPO) | PCT/US06/003603 | PCT/US06/003603 | Systems and Methods for Providing Cavities in Interior Body Regions |
| P0032224.00-USU1 | Inactive | US - United States                                   | 11/448,976      | 11/448,976      | Dual Cutting Element Tool for Debulking Bone                        |
| P0032224.01      | Inactive | WO - World Intellectual Property Organization (WIPO) | PCT/US07/068646 | PCT/US07/068646 | Dual Cutting Element Tool for Debulking Bone                        |
| P0031386.03      | Inactive | US - United States                                   | 11/768,223      | 11/768,223      | INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE                    |
| P0031386.04      | Inactive | US - United States                                   | 11/806,528      | 11/806,528      | INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE                    |
| P0031386.05      | Inactive | US - United States                                   | 11/768,224      | 11/768,224      | INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE                    |
| P0031386.06      | Active   | US - United States                                   | 8,092,535       | 11/768,222      | INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE                    |



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| P0031386.07      | Active   | US - United States                                   | 8,221,463 | 11/806,526      | INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE  |
| P0031386.08      | Inactive | US - United States                                   | 8,007,537 | 11/770,915      | INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE  |
| P0031386.09      | Inactive | US - United States                                   |           | 11/771,046      | INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE  |
| P0031386.10      | Inactive | US - United States                                   |           | 11/770,924      | INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE  |
| P0031386.11      | Inactive | US - United States                                   |           | 11/770,931      | INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE  |
| P0031386.12      | Inactive | US - United States                                   |           | 11/770,934      | INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE  |
| P0031386.13      | Inactive | US - United States                                   |           | 11/770,943      | INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE  |
| P0031386.14      | Active   | US - United States                                   | 8,894,686 | 11/771,087      | INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE  |
| P0031386.15      | Active   | US - United States                                   | 8,454,659 | 11/771,092      | INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE  |
| P0031386.16      | Active   | US - United States                                   | 7,662,187 | 11/771,099      | INTERSPINOUS PROCESS IMPLANTS AND METHODS OF USE  |
| P0032286.00-USU1 | Inactive | US - United States                                   |           | 11/863,816      | Methods and Apparatus Having Multiple Separately Actuable Expandable Members              |
| P0032284.00-USU1 | Inactive | US - United States                                   |           | 11/177,666      | Directionally Controlled Expandable Device and Methods for Use                            |
| P0032284.01      | Inactive | WO - World Intellectual Property Organization (WIPO) |           | PCT/US06/026298 | Expandable Device and Methods for Use   |
| P0032287.00-USP1 | Inactive | US - United States                                   |           | 60/698,289      | Systems and Methods for Inserting Biocompatible Filler Materials in Interior Body Regions |
| P0032287.01      | Inactive | US - United States                                   |           | 11/485,243      | Systems and Methods for Inserting Biocompatible Filler Materials in Interior Body Regions |

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

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

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

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|-------------------|----------|--|---------|---------------------|-----------|--|
| P0031061.103-DEN1 | Inactive | DE - Germany   | 1027004 | 98957384.5          | 31061.141 | Please do not docket in this record; Duplicate of<br>31061.141 |
| P0031061.103-ESN1 | Inactive | ES - Spain   | 1027004 | 98957384.5          | 31061.144 | Please do not docket in this record; Duplicate of<br>31061.144 |
| P0031061.103-FRN1 | Inactive | FR - France  | 1027004 | 98957384.5          | 31061.140 | Please do not docket in this record; Duplicate of<br>31061.140 |
| P0031061.103-GBN1 | Inactive | GB - United Kingdom                                  | 1027004 | 98957384.5          | 31061.142 | Please do not docket in this record; Duplicate of<br>31061.142 |
| P0031061.103-ITN1 | Inactive | IT - Italy   | 1027004 | 98957384.5          | 31061.143 | Please do not docket in this record; Duplicate of<br>31061.143 |
| P0032301.02       | Inactive | WO - World Intellectual Property Organization (WIPO) |         | PCT/US07/07<br>3686 |           | Kit and Methods for Medical Procedures Within A Sacrum         |
| P0031061.108      | Inactive | WO - World Intellectual Property Organization (WIPO) |         | PCT/US01/01<br>7235 |           | Spine Distraction Implant                                      |
| P0031061.109      | Inactive | WO - World Intellectual Property Organization (WIPO) |         | PCT/US01/02<br>2968 |           | Spine Distraction Implant                                      |
| P0031061.110      | Inactive | RU - Russian Federation                              |         | 2003131185          |           | Spine Distraction Implant                                      |
| P0031061.111      | Inactive | RU - Russian Federation                              |         | 2003131186          |           | Spine Distraction Implant                                      |

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

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| P0032348.03      | Inactive | US - United States   | 11/768,958          | Spine Distraction Implant and Method   |                                      |
| P0032348.04      | Inactive | US - United States   | 11/768,960          | Spine Distraction Implant and Method   |                                      |
| P0032348.05      | Inactive | US - United States   | 11/806,529          | Spine Distraction Implant and Method   |                                      |
| P0032348.06      | Inactive | US - United States   | 11/806,527          | Spine Distraction Implant and Method   |                                      |
| P0032348.07      | Inactive | US - United States   | 11/770,364          | Spine Distraction Implant and Method   |                                      |
| P0032348.08      | Inactive | US - United States   | 11/770,198          | Spine Distraction Implant and Method   |                                      |
| P0032348.09      | Inactive | US - United States   | 11/770,360          | Spine Distraction Implant and Method   |                                      |
| P0032348.10      | Inactive | US - United States   | 11/770,301          | Spine Distraction Implant and Method   |                                      |
| P0032348.11      | Inactive | US - United States   | 11/770,201          | Spine Distraction Implant and Method   |                                      |
| P0032348.12      | Active   | US - United States   | 8,828,017           | 11/770,312   | SPINE DISTRACTION IMPLANT AND METHOD |
| P0031061.118     | Inactive | US - United States   | 60/220,137          | Spine Distraction Implant  |                                      |
| P0031061.119     | Inactive | WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO) | PCT/US01/01<br>7241 | Supplemental Spine Fixation Device and Method  |                                      |
| P0031061.120     | Inactive | US - United States   | 11/788,763          | Spine Distraction Implant  |                                      |
| P0032371.00-USU1 | Inactive | US - United States   | 11/177,042          | Radiopaque Expandable Body and Methods   |                                      |
| P0032371.01      | Inactive | US - United States   | 11/177,666          | See 32284.00, this record is a duplicate and has been<br>intentionally inactivated<br>Radiopaque Expandable Body and Methods |                                      |

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



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| P0032378.05      | Inactive | WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO) | PCT/US2006/<br>026526 | Torque Limiting Device  |
| P0032379.00-USP1 | Inactive | US - United States   | 60/846,312            | Diammonium Phosphate and Other Ammonium Salts<br>and Their Use In Preventing Clotting<br>DIAMMONIUM PHOSPHATE AND OTHER<br>AMMONIUM SALTS AND THEIR USE IN PREVENTING<br>CLOTTING (KILPATRICK SENT THIS FILE TO<br>MEDTRONIC FOR HANDLING IN-HOUSE) |
| P0032379.01      | Inactive | US - United States   | 11/859,291            | Diammonium Phosphate and Other Ammonium Salts<br>and Their Use In Preventing Clotting<br>(Kilpatrick sent this file to Medtronic for handling in-<br>house)   |
| P0032379.02      | Inactive | WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO) | PCT/US07/02<br>0506   | Self-Foaming Cement For Void Filling and/or Delivery<br>Systems   |
| P0032380.00-USU1 | Active   | US - United States   | 7,507,286             | 11/449,047  |
| P0032380.01      | Inactive | WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO) | PCT/US07/01<br>2723   | Self-Foaming Cement For Void Filling and/or Delivery<br>Systems   |
| P0032381.00-USU1 | Active   | US - United States   | 7,754,005             | 11/416,093  |
| P0032381.01      | Inactive | WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO) | PCT/US07/00<br>8789   | Bone Cement Compositions Comprising An Indicator<br>Agent And Related Methods Thereof   |
| P0031097.118     | Inactive | US - United States   |                       | Systems and Methods for Placing Materials Into Bone   |
| P0031097.119     | Inactive | US - United States   |                       | Systems and Methods for Placing Materials Into Bone   |

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

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

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| P0031065.13      | Inactive | US - United States  |           | 11/356,294          | Percutaneous Spinal Implants and Methods  |
| P0031065.14      | Inactive | US - United States  | 7993342   | 11/454,153          | Percutaneous Spinal Implants and Methods  |
| P0031065.15      | Active   | US - United States  | 7998174   | 11/454,156          | Percutaneous Spinal Implants and Methods  |
| P0031097.120     | Inactive | US - United States  |           | 11/450,336          | Cavity Formation Device   |
| P0031097.121     | Inactive | US - United States  |           | 11/462,482          | Methods and Devices for Treating Fractured and/or Diseased Bone   |
| P0031097.122     | Inactive | US - United States  |           | 11/527,954          | Methods and Devices for Treating Fractured and/or Diseased Bone Using an Expandable Bio-Absorbable Structure That Remains Within the Bone |
| P0032451.00-USU1 | Inactive | US - United States  | 7,524,323 | 10/826,684          | Subcutaneous Support  |
| P0032451.01      | Inactive | WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO)<br>EP - European<br>Patent Office<br>(EPO) |           | PCT/US05/01<br>2736 | Support for Bone  |
| P0032451.02-EPU1 | Active   | Patent Office<br>(EPO)  | 1737369   | 05735303.9          | Support for Bone  |
| P0032451.03      | Inactive | AU - Australia  |           | 2005237467          | Support for Bone  |
| P0032451.04      | Inactive | CA - Canada   |           | 2,562,774           | Support for Bone  |
| P0032451.05      | Inactive | CN - China  |           | 20058001957         | Subcutaneous Support  |
| P0032451.06      | Inactive | JP - Japan  |           | 2007-508542         | Support for Bone  |
| P0032451.07      | Inactive | KR - Republic of<br>Korea   |           | 10-2006-<br>7023897 | Support for Bone  |
| P0032451.08      | Inactive | HK - Hong Kong  |           | 07108004.0          | Support for Bone  |
| P0032458.00-USU1 | Active   | US - United States  | 7,789,899 | 11/027,500          | Bone Anchorage Screw with Built-in Hinged Plate   |

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| P0032459.00-USU1 | Active   | US - United States   | 7,811,311 | 11/027,501        | Screw with Deployable Interlaced Dual Rods                            |
| P0032461.00-US11 | Inactive | US - United States   | 7,618,418 | 11/019,918        | Plate System for Minimally Invasive Support of the Spine              |
| P0031752.06      | Inactive | WO - World<br>Intellectual Property Organization (WIPO)                                      |           | PCT/US2001/011148 | Insertion Devices and Methods of Use                                  |
| P0032495.00-US11 | Inactive | US - United States<br>WO - World<br>Intellectual Property Organization (WIPO)                |           | 10/979,781        | Cavity Filling Device   |
| P0032495.01      | Inactive | WO - World<br>Intellectual Property Organization (WIPO)<br>EP - European Patent Office (EPO) |           | PCT/US05/039702   | Cavity Filling Device   |
| P0032495.02      | Inactive | Patent Office (EPO)  |           | 05824731.3        | Cavity Filling Device   |
| P0032496.00-USP1 | Inactive | US - United States   |           | 60/698,408        | Duplicate of P032498.00 - Curette Heads                               |
| P0032496.01      | Inactive | US - United States   |           | 10/990,291        | System and method for delivering a therapeutic agent for bone disease |
| P0032496.02      | Inactive | US - United States   |           | 10/990,285        | System and method for delivering a therapeutic agent for bone disease |
| P0032496.03      | Inactive | US - United States<br>WO - World<br>Intellectual Property Organization (WIPO)                |           | 10/989,733        | System and method for delivering a therapeutic agent for bone disease |
| P0032496.04      | Inactive | Intellectual Property Organization (WIPO)  |           | PCT/US05/041257   | System and method for delivering a therapeutic agent for bone disease |

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

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| P0031065.19 | Inactive | US - United States | 11/625,559 | Percutaneous Spinal Implants and Methods |
| P0031065.20 | Inactive | US - United States | 11/625,624 | Percutaneous Spinal Implants and Methods |
| P0031065.21 | Inactive | US - United States | 11/625,642 | Percutaneous Spinal Implants and Methods |
| P0031065.22 | Active   | US - United States | 11/693,496 | Percutaneous Spinal Implants and Methods |
| P0031065.23 | Active   | US - United States | 11/693,500 | Percutaneous Spinal Implants and Methods |
| P0031065.24 | Inactive | US - United States | 11/693,502 | Percutaneous Spinal Implants and Methods |
| P0031065.25 | Inactive | US - United States | 11/752,981 | PERCUTANEOUS SPINAL IMPLANTS AND METHODS |
| P0031065.26 | Active   | US - United States | 11/752,984 | Percutaneous Spinal Implants and Methods |
| P0031065.27 | Active   | US - United States | 11/752,982 | Percutaneous Spinal Implants and Methods |
| P0031065.28 | Active   | US - United States | 11/752,983 | Percutaneous Spinal Implants and Methods |
| P0031065.29 | Inactive | US - United States | 11/762,945 | PERCUTANEOUS SPINAL IMPLANTS AND METHODS |
| P0031065.30 | Active   | US - United States | 11/927,824 | Percutaneous Spinal Implants and Methods |
| P0031065.31 | Inactive | US - United States | 11/927,830 | Percutaneous Spinal Implants and Methods |
| P0031065.32 | Active   | US - United States | 11/927,831 | Percutaneous Spinal Implants and Methods |
| P0031065.33 | Active   | US - United States | 11/927,835 | Percutaneous Spinal Implants and Methods |
| P0031065.34 | Inactive | US - United States | 11/928,827 | Percutaneous Spinal Implants and Methods |
| P0031065.35 | Inactive | US - United States | 11/928,841 | Percutaneous Spinal Implants and Methods |

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| P0031065.36 | Inactive | US - United States                                   |               | 11/929,173        | PERCUTANEOUS SPINAL IMPLANTS AND METHODS             |
| P0031065.37 | Active   | US - United States                                   | 8,679,161     | 11/929,165        | PERCUTANEOUS SPINAL IMPLANTS AND METHODS             |
| P0031065.38 | Active   | US - United States                                   | 8,221,458     | 11/928,424        | Percutaneous Spinal Implants and Methods             |
| P0031065.39 | Active   | US - United States                                   | 8,167,890     | 11/928,431        | Percutaneous Spinal Implants and Methods             |
| P0031065.40 | Inactive | WO - World Intellectual Property Organization (WIPO) |               | PCT/US2006/005580 | Percutaneous Spinal Implants and Methods             |
|             |          | WO - World Intellectual Property Organization (WIPO) |               |                   |  |
|             |          | WO - World Intellectual Property Organization (WIPO) |               |                   |  |
| P0031065.41 | Inactive | Organization (WIPO)                                  |               | PCT/US07/071294   | Percutaneous Spinal Implants and Methods             |
| P0031065.42 | Inactive | Intellectual Property Organization (WIPO)            |               | PCT/US08/058127   | Percutaneous Spinal Implants and Methods             |
|             |          | Property Organization (WIPO)                         |               |                   |  |
|             |          | Organization (WIPO)                                  |               |                   |  |
| P0031065.43 | Inactive | AU - Australia                                       |               | 2006214169        | Percutaneous Spinal Implants and Methods             |
| P0031065.44 | Inactive | CA - Canada  |               | 2,597,923         | Percutaneous Spinal Implants and Methods             |
| P0031065.45 | Inactive | CN - China   | ZL20068001157 | 20068001157       | Percutaneous Spinal Implants and Methods             |
|             |          | EP - European Patent Office (EPO)                    |               | 11572.3           |  |
| P0031065.46 | Inactive | Patent Office (EPO)                                  |               | 06735305.2        | Percutaneous Spinal Implants and Methods             |
| P0031065.47 | Inactive | IL - Israel  |               | 185190            | Percutaneous Spinal Implants and Methods             |
| P0031065.48 | Inactive | IN - India   |               | 6262/DELNP/2007   | Percutaneous Spinal Implants and Methods             |
| P0031065.49 | Inactive | JP - Japan   |               | 4977038           | 2007-556308 Percutaneous Spinal Implants and Methods |



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| P0031065.50      | Inactive | KR - Republic of Korea                               | 10-1119264 | 10-2007-7021079  | Percutaneous Spinal Implants and Methods   |
| P0031065.51      | Inactive | MX - Mexico  |            | MX/a/2007/009883 | Percutaneous Spinal Implants and Methods   |
| P0031065.52      | Inactive | SG - Singapore                                       |            |                  | Percutaneous Spinal Implants and Methods   |
| P0032573.00-USU1 | Inactive | US - United States                                   |            | 11/713,173       | Bone Barrier Device, System, and Method  |
| P0032576.00-USU1 | Inactive | US - United States                                   |            | 11/731,824       | Devices for Multipoint Emplacement in a Body Part and Methods of Use of Such Devices   |
| P0032576.01      | Inactive | US - United States                                   |            | 11/731,825       | Methods and Devices for Multipoint Access of a Body Part                               |
| P0032577.00-USP1 | Inactive | US - United States                                   |            | 60/921,236       | Methods and Systems for the Diagnosis and Treatment of Medical Conditions in the Spine |
| P0032579.00-USP1 | Inactive | US - United States                                   |            | 60/856,437       | Materials and Methods and Systems for Delivering Localized Medical Treatments          |
| P0032221.00-USP1 | Inactive | US - United States                                   |            | 60/818,996       | Medical Device with Dual Expansion Mechanism   |
| P0032221.01      | Inactive | US - United States                                   |            | 11/773,871       | Medical Device with Dual Expansion Mechanism   |
| P0032221.02      | Inactive | US - United States                                   |            | 11/773,872       | MEDICAL DEVICE WITH EXPANSION MECHANISM  |
| P0032221.03      | Inactive | US - United States                                   |            | 11/773,876       | Medical Device with Expansion Mechanism  |
| P0032221.04      | Inactive | WO - World Intellectual Property Organization (WIPO) |            | PCT/US07/072952  | MEDICAL DEVICE WITH EXPANSION MECHANISM  |
| P0032311.00-USU1 | Inactive | US - United States                                   |            | 11/802,931       | Spinous Process Implants and Methods of Using the Same                                 |
| P0032311.01      | Inactive | US - United States                                   |            | 11/802,932       | Spinous Process Implants and Methods of Using the Same                                 |
| P0032302.00-USU1 | Active   | US - United States                                   | 7,968,616  | 12/107,273       | BONE CEMENT COMPOSITION AND METHOD   |

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

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

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| P0031061.143 | Inactive | IT - Italy   | 1027004 | 98957384.5            | Spine Distraction Implant   |
| P0031061.144 | Inactive | ES - Spain   | 1027004 | 98957384.5            | Spine Distraction Implant   |
| P0031061.145 | Inactive | CH - Switzerland   | 1027004 | 98957384.5            | Spine Distraction Implant   |
| P0031061.146 | Inactive | JP - Japan   | 4126344 | 10-530244             | Spine Distraction Implant and Method  |
| P0031391.17  | Inactive | CN - China   |         | 20068000903           | Duplicate of 31115.11; this record has been<br>inactivated.                                       |
| P0031391.18  | Inactive | JP - Japan   |         | 2.1                   | Duplicate of 31115.13; this record has been<br>inactivated.                                       |
| P0031391.19  | Inactive | KR - Republic of<br>Korea  |         | closed                | Duplicate of 31115.14; this record has been<br>inactivated.                                       |
| P0031061.147 | Inactive | IL - Israel  |         |                       | Spine Distraction Implant   |
| P0031061.148 | Inactive | IL - Israel  |         |                       | Spine Distraction Implant   |
| P0031395.02  | Inactive | WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO) |         | PCT/US07/08<br>2419   | TENSIONER TOOL AND METHOD FOR IMPLANTING<br>AN INTERSPINOUS PROCESS IMPLANT INCLUDING A<br>BINDER |
| P0031388.15  | Inactive | WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO) |         | PCT/US2008/<br>051167 | INTERSPINOUS PROCESS IMPLANT INCLUDING A<br>BINDER AND METHOD OF IMPLANTATION                     |
| P0031391.20  | Inactive | HK - Hong Kong   | 1110498 | 08105055.3            | INTERSPINOUS PROCESS IMPLANT HAVING<br>DEPLOYABLE WING AND METHOD OF<br>IMPLANTATION              |
| P0031061.150 | Inactive | JP - Japan   | 4717095 | 2008-093021           | Spine Distraction Implant   |
| P0031097.123 | Inactive | US - United States   |         | 11/978,371            | Methods and Apparatus for Placing Materials Into<br>Bone  |
| P0031097.124 | Inactive | US - United States   |         | 11/978,386            | Methods and Apparatus for Placing Materials Into<br>Bone  |
| P0031097.125 | Inactive | US - United States   |         | 11/978,274            | Methods and Apparatus for Placing Materials Into<br>Bone  |
| P0031097.126 | Inactive | US - United States   |         | 11/978,372            | Methods and Apparatus for Placing Materials Into<br>Bone  |

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|------------------|----------|--|-----------|-------------|---|
| P0031097.127     | Inactive | US - United States                                   |           | 11/978,358  | Methods and Apparatus for Placing Materials Into Bone                     |
| P0032056.14      | Inactive | JP - Japan   | 4746024   | 2007-299918 | Systems and Methods for Mixing and Transferring Flowable Materials        |
| P0032499.05      | Inactive | AU - Australia                                       |           | 2006269339  | Curette System  |
| P0032499.06      | Inactive | CA - Canada  |           | 2,614,012   | Curette System  |
| P0032499.07      | Inactive | CN - China   |           | 20068002546 | Curette System  |
|                  |          | EP - European Patent Office (EPO)                    |           | 5,6         | Curette System  |
| P0032499.08      | Inactive | Patent Office (EPO)                                  |           | 06786518.8  | Curette System  |
| P0032499.09      | Inactive | JP - Japan   |           | 2008-521443 | Curette System  |
|                  |          | WO - World Intellectual Property Organization (WIPO) |           |             |   |
| P0032458.01      | Inactive | Organization (WIPO)                                  |           | PCT/US05/01 | Screw Assembly  |
|                  |          | WO - World Intellectual Property Organization (WIPO) |           | 2657        |   |
| P0031041.01      | Inactive | Intellectual Property Organization (WIPO)            |           | PCT/US2008/ | Device and Methods for Introducing a Catheter Into An Intervertebral Disc |
|                  |          | WO - World Intellectual Property Organization (WIPO) |           | 066689      |   |
| P0031044.01      | Inactive | Intellectual Property Organization (WIPO)            |           | PCT/US2008/ | Systems and Methods for Needle Access to an Intervertebral Disc           |
|                  |          | WO - World Intellectual Property Organization (WIPO) |           | 066699      |   |
| P0031367.31      | Inactive | HK - Hong Kong                                       |           | 08100488.1  | INTER-FACET IMPLANT   |
| P0033006.00-USU1 | Active   | US - United States                                   | 7,985,231 | 11/967,727  | Bone Fusion Device and Methods  |

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

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

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|-------------------|----------|-----------------------------------|-----------|-------------|--|
| P0031061.149      | Inactive | US - United States                | 7,635,378 | 11/924,878  | Spine Distraction Implant and Method   |
| P0031061.154      | Inactive | US - United States                | 8,672,975 | 11/924,874  | SPINE DISTRACTION IMPLANT AND METHOD   |
| P0031061.155      | Inactive | US - United States                | 8,568,455 | 11/924,884  | Spine Distraction Implant and Method   |
| P0031798.160      | Inactive | AT - Austria                      | 1464293   | 04076935.8  | Improved Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone     |
| P0031798.161      | Inactive | CN - China                        | ZL2004100 | 20041003681 | SYSTEMS FOR TREATING FRACTURED OR DISEASED BONE USING EXPANDABLE BODIES                  |
|                   |          |                                   | 36810.9   | 0.9         |  |
| P0031798.163-EPV1 | Inactive | EP - European Patent Office (EPO) | 1820463   | 07075421.3  | Devices Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |
| P0031798.164      | Inactive | EP - European Patent Office (EPO) |           | 08075005.2  | Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone              |
| P0031798.165      | Inactive | EP - European Patent Office (EPO) | 1938765   | 08075130.8  | Systems for Treating Fractured or Diseased Bone Using Expandable Bodies                  |
| P0031798.166      | Inactive | HK - Hong Kong                    | 1104444   | 07110889.6  | Devices Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |
|                   |          |                                   |           |             | See 31798.83; this record is a duplicate   |
| P0031798.167      | Inactive | HU - Hungary                      |           | P01956      | Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone              |
| P0031798.168      | Inactive | JP - Japan                        |           | 2008-055620 | Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone              |
| P0031798.169      | Inactive | TR - Turkey                       |           | 1999/02994  | Systems for Treating Fractured or Diseased Bone Using Expandable Bodies                  |
| P0033064.00-FRU1  | Inactive | FR - France                       |           | 06/03266    | Device for Treating Vertebrae, Including an Interspinous Implant                         |
| P0031532.09       | Inactive | AU - Australia                    |           | 2003204002  | A Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions            |
| P0031532.10       | Inactive | JP - Japan                        |           | 2008-028153 | A Slip-Fit Handle For Hand-Held Instruments That Access Interior Body Regions            |



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

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|--------------|----------|-----------------------------------|------------------|-------------|---|
| 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        | 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<br>6.5 | 01814386.5  | Systems and Methods for Treating Vertebral Bodies   |
| P0031097.129 | Inactive | JP - Japan                        | 4764432          | 2008-002534 | Systems and Methods for Placing Materials Into Bone   |

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

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|--------------|----------|---|------------------|-----------------|--|
| P0031752.22  | Inactive | JP - Japan  | 4904271          | 2007-527309     | Insertion Devices and Methods of Use   |
| P0032056.15  | Inactive | US - United States  |                  | 11/973,461      | Systems, Methods and Kits for Mixing and Transferring Flowable Materials           |
| P0031097.139 | Inactive | CN - China  | ZL01818010.8     | 01818010.8      | Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula |
| P0031097.140 | Inactive | JP - Japan  | 2008-086782      | 2007-265965     | Systems and Methods for Reducing Bone Using a Fracture Reduction Cannula           |
| P0032150.13  | Inactive | CN - China  | ZL200480025208.3 | 200480025208.3  | Devices for Creating Voids in Interior Body Regions and Related Methods            |
| P0032150.14  | Inactive | WO - World Intellectual Property Organization (WIPO)                                      |                  | PCT/US04/022950 | Devices for Creating Voids in Interior Body Regions and Related Methods            |
| P0031752.23  | Inactive | HK - Hong Kong<br>WO - World Intellectual Property Organization (WIPO)                    |                  | 07110718.3      | Insertion Devices and Methods of Use   |
| P0032310.02  | Inactive | WO - World Intellectual Property Organization (WIPO)                                      |                  | PCT/US08/058119 | Apparatus and Method for Medical Procedures Within a Spine                         |
| P0031065.54  | Inactive | US - United States  |                  | 12/127,213      | Percutaneous Spinal Implants and Methods   |
| P0031065.55  | Active   | US - United States  | 8,568,461        | 12/127,215      | Percutaneous Spinal Implants and Methods   |
| P0032240.01  | Inactive | WO - World Intellectual Property Organization (WIPO)<br>EP - European Patent Office (EPO) |                  | PCT/US08/058118 | Apparatuses and Methods for Bone Screw Augmentation                                |
| P0032367.03  | Inactive | EP - European Patent Office (EPO)   |                  | 06825257.6      | A Mechanical Cavity-Creation Surgical Device                                       |

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

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| P00333333.01      | Inactive | US - United States   | 60/842,652              | Prothese Vertebrale  |
| P0033214.01       | Inactive | US - United States   | 12/182,437              | Medical Implants and Methods   |
| P0033214.02       | Inactive | US - United States   | 12/182,425              | Tools and Methods for Insertion and Removal of Medical Implants                                    |
| P0033214.03       | Active   | US - United States   | 8,105,358<br>12/182,429 | Medical Implants and Methods   |
| P0033214.04       | Inactive | US - United States   | 12/182,431              | Spine Distraction Tools and Methods of Use   |
| P0032308.01       | Inactive | WO - World Intellectual Property Organization (WIPO)<br>WO - World Intellectual Property Organization (WIPO) | PCT/US08/07<br>4430     | Spinous-Process Implants and Methods of Using the Same   |
| P0032519.01       | Inactive | Intellectual Property Organization (WIPO)  | PCT/US08/00<br>2386     | Expandable Devices for Emplacement in Bone and Other Body Parts and Methods of Use of Such Devices |
| P00333335.00-USU1 | Inactive | US - United States   | 12/182,422              | Discectomy Tool Having Counter-Rotating Nucleus Disruptors   |
| P0033528.01       | Inactive | US - United States   | 12/112,658              | Appartus and Methods for Inserting Facet Screws  |
| P0033528.02       | Inactive | US - United States   | 12/112,701              | Appartus and Methods for Inserting Facet Screws  |
| P0033528.03       | Inactive | US - United States   | 12/112,690              | Appartus and Methods for Inserting Facet Screws  |
| P0033528.00-USU1  | Active   | US - United States   | 12/112,650              | Appartus and Methods for Inserting Facet Screws  |
| P0031798.190      | Inactive | CA - Canada  | 2,621,208               | Expandable Performed Structures for Deployment in Interior Body Regions                            |

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

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| P0023526.04  | Inactive | AU - Australia                                       |            | 2007227162      | Expandable Device for Insertion Between Anatomical Structures and a Procedure Utilizing Same                |
| PC0001106.04 | Inactive | AU - Australia                                       | 2007235053 | 2007235053      | Methods and Instruments for Delivering Interspinous Process Spacers   |
| P0031097.141 | Inactive | KR - Republic of Korea                               | 10-0972245 | 10-2008-7018637 | Systems and Methods for Treating Vertebral Bodies   |
| P0031497.22  | Inactive | KR - Republic of Korea                               | 10-0972246 | 10-2008-7018917 | Systems and Methods for Injecting Flowable Materials Into Bones   |
| P0032286.01  | Inactive | WO - World Intellectual Property Organization (WIPO) |            | PCT/US08/076361 | Methods and Apparatus Having Multiple Separately Actatable Expandable Members                               |
| P0032577.02  | Inactive | WO - World Intellectual Property Organization (WIPO) |            | PCT/US08/004197 | Methods and Systems for the Diagnosis and Treatment of Medical Conditions in the Spine and Other Body Parts |
| P0033324.03  | Active   | US - United States                                   | 7,846,186  | 11/994,195      | Equipment for Surgical Treatment of Two Vertebrae   |
| P0033324.04  | Active   | EP - European Patent Office (EPO)                    | 1895920    | 06755958.3      | Equipment for Surgical Treatment of Two Vertebrae   |
| P0031097.142 | Inactive | KR - Republic of Korea                               | 10/0922027 | 10-2008-7020778 | Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula                          |
| P0032056.16  | Active   | KR - Republic of Korea                               |            | 10-2008-7021109 | Systems and Methods for Mixing and Transferring Flowable Materials  |
| P0031752.25  | Inactive | KR - Republic of Korea                               |            | 10-2008-7021315 | Insertion Devices and Methods of Use  |
| P0032216.02  | Inactive | EP - European Patent Office (EPO)                    |            | 07757620.5      | Device for Outputting a Qualitative Indication Associated with the Inflation of an Expandable Member        |



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| P0031593.33      | Inactive | KR - Republic of Korea                               | 10-2008-7015732 | Hand-Held Instruments That Access Interior Body Regions                                    |
| P0031593.34      | Inactive | KR - Republic of Korea                               | 10-2008-7015434 | Hand-Held Instruments That Access Interior Body Regions                                    |
| P0033064.04-EPN1 | Active   | EP - European Patent Office (EPO)                    | 2004073         | Device for Treating Vertebrae, Including an Interspinous Implant                           |
| P0033064.05      | Inactive | AU - Australia                                       | 2007238347      | Device for Treating Vertebrae, Including an Interspinous Implant                           |
| P0031798.191     | Inactive | US - United States                                   | 11/978,373      | Systems and Methods Using Expandable Bodies to Push Apart Adjacent Vertebral Bodies        |
| PC0001054.10     | Inactive | US - United States                                   | 12/248,320      | Vertebra Stabilizing Assembly  |
| P0031665.00-USU1 | Inactive | US - United States                                   | 12/251,922      | Systems and Methods for Assessment of Tension in an Implant                                |
| P0028500.00-USU1 | Inactive | US - United States                                   | 12/250,678      | Pedicle-Based Posterior Stabilization Members and Methods of Use                           |
| P0032281.02      | Inactive | EP - European Patent Office (EPO)                    | 06786617.8      | Systems and Methods for Providing Cavities in Interior Body Regions                        |
| P0032287.03      | Active   | EP - European Patent Office (EPO)                    | 1909671         | Systems and Methods for Inserting Biocompatible Filler Materials in Interior Body Regions  |
| P0032288.03      | Inactive | EP - European Patent Office (EPO)                    | 06786616.0      | Systems and Methods for Providing Cavities in Interior Body Regions                        |
| P0032378.12      | Inactive | WO - World Intellectual Property Organization (WIPO) | PCT/US08/003561 | Surgical Device Axial Load Limiting System, Interchangeable Components, and Methods of Use |
| P0033870.00-USU1 | Active   | US - United States                                   | 8,235,256       | Manual Pump Mechanism and Delivery System  |
| P0033870.01      | Inactive | CA - Canada  | 2,493,421       | Manual Pump Mechanism and Delivery System  |

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| P0033870.02      | Active   | CN - China                        | ZL200510009418.X | 200510009418.X | Manual Pump Mechanism and Delivery System  |
| P0033870.03      | Active   | EP - European Patent Office (EPO) | 1570873          | 05000725.1     | MANUAL PUMP MECHANISM AND DELIVERY SYSTEM  |
| P0033870.04      | Inactive | JP - Japan                        |                  | 2005-027859    | Manual Pump Mechanism and Delivery System  |
| P0024479.03      | Inactive | EP - European Patent Office (EPO) |                  | 07761112.7     | Interspinous Process Brace   |
| P0033598.00-USU1 | Active   | US - United States                | 7,799,056        | 11/967,780     | Bone Fusion Device and Methods   |
| P0031097.143     | Inactive | EP - European Patent Office (EPO) |                  |                | Systems and Methods for Placing Materials Into Bone                                |
| P0023220.02      | Inactive | JP - Japan                        |                  | waiting        | Multi-Chamber Expandable Interspinous Process Brace                                |
| P0023190.03      | Inactive | EP - European Patent Office (EPO) |                  | 07797632.2     | Surgical Spacer with Structure for Shape Control                                   |
| P0025656.02      | Inactive | JP - Japan                        |                  | 2009-507868    | Interspinous Process Brace   |
| P0032381.02      | Inactive | JP - Japan                        |                  | 2009-509576    | BONE CEMENT COMPOSITIONS COMPRISING AN INDICATOR AGENT AND RELATED METHODS THEREOF |
| P0032381.03      | Inactive | EP - European Patent Office (EPO) |                  | 07775048.7     | BONE CEMENT COMPOSITIONS COMPRISING AN INDICATOR AGENT AND RELATED METHODS THEREOF |
| P0032381.04      | Inactive | AU - Australia                    |                  | 2007250161     | BONE CEMENT COMPOSITIONS COMPRISING AN INDICATOR AGENT AND RELATED METHODS THEREOF |
| P0032381.05      | Inactive | CN - China                        | ZL200780018562.7 | 200780018562.7 | BONE CEMENT COMPOSITIONS COMPRISING AN INDICATOR AGENT AND RELATED METHODS THEREOF |

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| P0032381.06      | Inactive | KR - Republic of Korea | 2008-7029342  | BONE CEMENT COMPOSITIONS COMPRISING AN INDICATOR AGENT AMD RELATED METHODS THEREOF   |
| P0025773.02      | Inactive | CA - Canada            | 2,650,648     | Cannula With Openings Of Different Shape For Delivering Flowable Materials And Method For Use Thereof<br>(Title change International Search Report mailed: 11/07/07) kap |
| P0025773.05      | Inactive | AU - Australia         | 2007244933    | Cannula With Openings Of Different Shape For Delivering Flowable Materials And Method For Use Thereof<br>(Title change International Search Report mailed: 11/07/07) kap |
| P0025773.03      | Inactive | JP - Japan             | 2009-507901   | Cannula With Openings Of Different Shape For Delivering Flowable Materials And Method For Use Thereof<br>(Title change International Search Report mailed: 11/07/07) kap |
| P0031593.35      | Inactive | AT - Austria           | 385408        | Hand-Held Instruments That Access Interior Body Regions  |
| P0031593.36      | Inactive | DE - Germany           | 60132705.5-08 | Hand-Held Instruments That Access Interior Body Regions  |
| P0031593.37      | Inactive | ES - Spain             | 1328201       | Hand-Held Instruments That Access Interior Body Regions  |
| P0031593.38      | Inactive | FR - France            | 1328201       | Hand-Held Instruments That Access Interior Body Regions  |
| P0031593.39      | Inactive | GB - United Kingdom    | 1328201       | Hand-Held Instruments That Access Interior Body Regions  |
| P0031593.40      | Inactive | IT - Italy             | 1328201       | Hand-Held Instruments That Access Interior Body Regions  |
| P0031593.41      | Inactive | TR - Turkey            | 1328201       | Hand-Held Instruments That Access Interior Body Regions  |
| P0033513.00-USU1 | Inactive | US - United States     | 12/260,551    | Spinal Implants Having Multiple Movable Members  |

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|--------------|----------|---|--|---------------------|--|
| P0031097.144 | Inactive | CN - China  |  | 20081017107         | Systems and Methods for Treating Vertebral Bodies<br>7.X   |
| P0023926.03  | Inactive | EP - European<br>Patent Office<br>(EPO)<br>WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO) |  | 07754348.6          | Vented Directional Delivery Cannula With Openings<br>of Different Size and Shape For Use With Flowable<br>Materials and Method For Use Thereof |
| P0033036.01  | Inactive |   |  | US08/084485         | Threaded Access Cannula and Methods of Using The<br>Same   |
| P0032301.03  | Inactive | JP - Japan  |  | 2009-520954         | Kit and Methods for Medical Procedures Within A<br>Sacrum  |
| P0032301.05  | Inactive | CN - China  |  | 20078002711         | Kit and Methods for Medical Procedures Within A<br>Sacrum  |
| P0032301.06  | Inactive | KR - Republic of<br>Korea   |  | 10-2009-<br>7003207 | KIT AND METHODS FOR MEDICAL PROCEDURES<br>WITHIN A SACRUM  |
| P0032301.07  | Inactive | AU - Australia  |  | 2007275344          | Kit and Methods for Medical Procedures Within A<br>Sacrum  |
| P0032301.04  | Inactive | EP - European<br>Patent Office<br>(EPO)   |  | 07799646.0          | Kit and Methods for Medical Procedures Within A<br>Sacrum  |
| P0031798.192 | Inactive | AT - Austria  |  | 387164              | Inflatable Device for Use in Surgical Protocol Relating<br>to Fixation of Bone   |
| P0031798.193 | Inactive | CH - Switzerland  |  | 1463463             | Inflatable Device for Use in Surgical Protocol Relating<br>to Fixation of Bone   |
| P0031798.194 | Inactive | DE - Germany  |  | 60225337.3-<br>08   | Inflatable Device for Use in Surgical Protocol Relating<br>to Fixation of Bone   |
| P0031798.195 | Inactive | ES - Spain  |  | 1463463             | Inflatable Device for Use in Surgical Protocol Relating<br>to Fixation of Bone   |
| P0031798.196 | Inactive | FR - France   |  | 1463463             | Inflatable Device for Use in Surgical Protocol Relating<br>to Fixation of Bone   |
| P0031798.197 | Inactive | GB - United<br>Kingdom  |  | 1463463             | Inflatable Device for Use in Surgical Protocol Relating<br>to Fixation of Bone   |

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| P0031798.198     | Inactive | IT - Italy   | 1463463          | 02773895.4      | Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |
| P0031798.199     | Inactive | TR - Turkey  | TR<br>2008/03207 | 02773895.4      | Inflatable Device for Use in Surgical Protocol Relating to Fixation of Bone |
| P0033666.00-USU1 | Inactive | US - United States                                   |                  | 12/255,064      | BONE FIXATION DEVICE HAVING AN EXPANDABLE ANCHOR                            |
| P0032380.02      | Inactive | JP - Japan   |                  | 2009-514310     | Self-Foaming Cement For Void Filling and/or Delivery Systems                |
| P0032380.03      | Active   | EP - European Patent Office (EPO)                    | 2029058          | 07809238.4      | Self-Foaming Cement For Void Filling and/or Delivery Systems                |
| P0032380.04      | Inactive | CN - China   |                  | 200780021139.2  | Self-Foaming Cement For Void Filling and/or Delivery Systems                |
| P0032380.05      | Inactive | KR - Republic of Korea                               |                  | 10-2009-7000282 | Self-Foaming Cement For Void Filling and/or Delivery Systems                |
| P0032380.06      | Inactive | AU - Australia                                       |                  | 2007259304      | Self-Foaming Cement For Void Filling and/or Delivery Systems                |
| P0033168.00-USU1 | Inactive | US - United States                                   |                  | 12/328,873      | Introducer Tool for Bone Measurement  |
| P0033598.01      | Inactive | WO - World Intellectual Property Organization (WIPO) |                  | PCT/US08/086329 | Bone Fusion Device and Methods  |
| P0033006.01      | Inactive | WO - World Intellectual Property Organization (WIPO) |                  | US08/086425     | Bone Fusion Device and Methods  |
| P0031065.58      | Inactive | AU - Australia                                       | 2007260690       | 2007260690      | Percutaneous Spinal Implants and Methods                                    |

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

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| P0031097.65-GBN1 | Inactive | GB - United Kingdom                                  | 1303236   | 01955830.3          | Systems for Treating Vertebral Bodies   |
| P0031097.147     | Inactive | JP - Japan   | 4870123   | 2008-161039         | Systems and Methods for Treating Vertebral Bodies                                 |
| P0032219.04      | Inactive | AU - Australia                                       |           | 2007281234          | KIT AND METHODS OF TREATMENT OF AN INTERVERTEBRAL DISC                            |
| P0032219.03      | Inactive | CA - Canada  |           | 2,658,751           | KIT AND METHODS OF TREATMENT OF AN INTERVERTEBRAL DISC                            |
| P0032219.05      | Inactive | EP - European Patent Office (EPO)                    |           | 07840599.0          | KIT AND METHODS OF TREATMENT OF AN INTERVERTEBRAL DISC                            |
| P0033214.05      | Inactive | WO - World Intellectual Property Organization (WIPO) |           | PCT/US09/03<br>1182 | Medical Implants and Methods  |
| P0033214.06      | Inactive | Intellectual Property Organization (WIPO)            |           | PCT/US09/03<br>1184 | Spine Distraction Tools and Methods of Use  |
| P0034462.00-USU1 | Inactive | US - United States                                   |           | 12/361,931          | BONE FIXATION DEVICE AND METHODS FOR TREATING SPINAL STENOSIS                     |
| P0031030.08      | Active   | US - United States                                   | 7,758,693 | 12/359,907          | Strontium-Apatite Cement Preparations, Cements Formed Therefrom, and Uses Thereof |
| P0032380.07      | Active   | US - United States                                   | 8,118,926 | 12/366,583          | SELF-FOAMING CEMENT FOR VOID FILLING AND/OR DELIVERY SYSTEMS                      |
| P00333333.05     | Inactive | AU - Australia                                       |           | 2007293153          | Interspinous Spinal Prosthesis  |
| P00333333.04     | Active   | EP - European Patent Office (EPO)                    | 2073733   | 07825065.1          | Interspinous Spinal Prosthesis  |
| P0032218.05      | Inactive | AU - Australia                                       |           | 2007289406          | Tissue Extraction Device and Method of Using The Same                             |

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



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

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

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

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

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|------------------|----------|------------------------|-------------|-----------------|---|
| P0034574.00-USU1 | Active   | US - United States     | 8,002,748   | 12/386,971      | Digital Syringe with Compensation Control                               |
| P0031798.84-ATN1 | Inactive | AT - Austria           | 427707      | 98925208.5      | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies |
| P0031798.84-BEU1 | Inactive | BE - Belgium           | 0987991     | 98925208.5      | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies |
| P0031798.84-CHU1 | Inactive | CH - Switzerland       | 0987991     | 98925208.5      | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies |
| P0031798.84-DEN1 | Inactive | DE - Germany           | 69840721.08 | 98925208.5      | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies |
| P0031798.84-ESN1 | Inactive | ES - Spain             | 0987991     | 98925208.5      | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies |
| P0031798.84-FRN1 | Inactive | FR - France            | 0987991     | 98925208.5      | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies |
| P0031798.84-GBN1 | Inactive | GB - United Kingdom    | 0987991     | 98925208.5      | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies |
| P0031798.84-LIN1 | Inactive | LI - Liechtenstein     | 0987991     | 98925208.5      | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies |
| P0033536.00-USU1 | Inactive | US - United States     | 8,372,117   | 12/479,072      | Multi-Level Interspinous Implants and Methods of Use                    |
| P0033831.00-USU1 | Active   | US - United States     | 8,157,842   | 12/483,812      | Interspinous Implant and Methods of Use                                 |
| P0031798.84-ITN1 | Inactive | IT - Italy             | 0987991     | 98925208.5      | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies |
| P0031798.84-NLN1 | Inactive | NL - Netherlands       | 0987991     | 98925208.5      | Systems and Treating Fractured or Diseased Bone Using Expandable Bodies |
| P0031593.42      | Inactive | KR - Republic of Korea | 7007674     | 10-2009-7007674 | Hand-Held Instruments That Access Interior Body Regions                 |
| P0031593.43      | Inactive | KR - Republic of Korea | 7007672     | 10-2009-7007672 | Hand-Held Instruments That Access Interior Body Regions                 |
| P0031367.32      | Inactive | US - United States     | 60/679,377  | 60/679,377      | INTER-CERVICAL FACET IMPLANT WITH IMPLANTATION TOOL                     |
| P0031367.33      | Active   | US - United States     | 8,029,540   | 11/429,733      | Inter-Cervical Facet Implant with Implantation Tool                     |

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

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|-------------------|----------|-----------------------------------|---------------|------------------|------------|--|
| P0031065.62       | Inactive | EP - European Patent Office (EPO) | 200880014     | 20088001439      | 08744318.0 | Percutaneous Spinal Implants and Methods   |
| P0031065.63       | Inactive | CN - China                        | 395.3         | 5.3              |            | Percutaneous Spinal Implants and Methods   |
| P0031065.61       | Inactive | JP - Japan                        |               | 2010-501160      |            | Percutaneous Spinal Implants and Methods   |
| P0031065.66       | Inactive | MX - Mexico                       |               | MX/a/2009/010375 |            | PERCUTANEOUS SPINAL IMPLANTS AND METHODS   |
| P0031065.65       | Inactive | AU - Australia                    |               | 2008232900       |            | Percutaneous Spinal Implants and Methods   |
| P0032310.03       | Active   | EP - European Patent Office (EPO) | 2131798       | 08744311.5       |            | Apparatus and Method for Medical Procedures Within a Spine   |
| P0032240.02       | Inactive | JP - Japan                        |               | 2010-501158      |            | Apparatuses and Methods for Bone Screw Augmentation  |
| P0032240.04       | Inactive | KR - Republic of Korea            |               | 10-2009-7022568  |            | Apparatuses and Methods for Bone Screw Augmentation  |
| P0032240.03       | Inactive | EP - European Patent Office (EPO) |               | 08744310.7       |            | Apparatuses and Methods for Bone Screw Augmentation  |
| P0032240.05       | Inactive | AU - Australia                    |               | 2008232895       |            | Apparatuses and Methods for Bone Screw Augmentation  |
| P0033832.00-USU1  | Inactive | US - United States                |               | 12/569,513       |            | Interspinous Process Implant Having a Compliant Spacer   |
| P0022377.02       | Active   | US - United States                | 8,029,550     | 12/573,779       |            | Intervertebral Prosthetic Device for Spinal Stabilization and Method of Implanting Same              |
| P0031798.163-ATV1 | Inactive | AT - Austria                      | E441.377      | 07075421.3       |            | Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |
| P0031798.163-BEV1 | Inactive | BE - Belgium                      | 1820463       | 07075421.3       |            | Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |
| P0031798.163-DEV1 | Inactive | DE - Germany                      | 60233609.0-08 | 07075421.3       |            | Devices and Methods Using an Expandable Body With Internal Restraint for Compressing Cancellous Bone |

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|-------------------|----------|-----------------------------------|-----------|------------------|--|
| 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 Material Into A Bone  |
| P0026643.06       | Inactive | AU - Australia                    |           | 2008251531       | Posterior Stabilization and Spinous Process Systems and Methods                                      |
| P0026643.07       | Inactive | MX - Mexico                       |           | MX/a/2009/012086 | Posterior Stabilization and Spinous Process Systems and Methods                                      |
| P0026643.05       | Inactive | KR - Republic of Korea            |           | 10-2009-7024830  | Posterior Stabilization and Spinous Process Systems and Methods                                      |
| P0026643.02       | Inactive | JP - Japan                        |           | 2010-507638      | POSTERIOR STABILIZATION AND SPINOUS PROCESS SYSTEMS AND METHODS                                      |
| P0033513.01       | Inactive | JP - Japan<br>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 Osteoporotic 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  |



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| P0037003.01      | Inactive | WO - World Intellectual Property Organization (WIPO) | PCT/IL2004/000527 | Deformable Tools and Implants                           |
| P0037003.02      | Inactive | CN - China   | 200480023684.1    | Deformable Tools and Implants                           |
| P0037003.03      | Inactive | EP - European Patent Office (EPO)                    | 04744868.3        | Deformable Tools and Implants                           |
| P0037003.04      | Inactive | JP - Japan   | 2006-516803       | Deformable Tools and Implants                           |
| P0037003.05      | Inactive | KR - Republic of Korea                               | 10-2005-7024286   | Deformable Tools and Implants                           |
| P0037003.06      | Inactive | US - United States                                   | 10/561,124        | DEFORMABLE TOOLS AND IMPLANTS                           |
| P0034996.00-USU1 | Active   | US - United States                                   | 8,771,317         | Interspinous Process Implant and Method of Implantation |
| P0035105.00-USU1 | Inactive | US - United States                                   | 12/607,829        | Expandable Device for Bone Manipulation                 |
| P0036132.00-USU1 | Active   | US - United States                                   | 8,262,609         | Anterior Inflation Balloon                              |
| P0032345.00-USU1 | Inactive | US - United States                                   | 12/609,984        | Adjustable Saddle for a Bone Anchor                     |
| P0037231.00-ILU1 | Inactive | IL - Israel  | 141147            | Spacer Filler   |
| P0037231.01      | Inactive | WO - World Intellectual Property Organization (WIPO) | PCT/IL2002/00077  | Spacer Filler   |
| P0037231.02      | Inactive | US - United States                                   | 10/628,499        | Spacer Filler   |
| P0037241.00-USP1 | Inactive | US - United States                                   | 60/038,618        | Intervertebral Disc Prosthesis                          |

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|-------------------|----------|--|---------------|-------------|---|
| P0037241.01       | Inactive | US - United States                                   |               | 60/038,942  | Intramedullar Bone Fixation   |
| P0037241.02       | Inactive | US - United States                                   |               | 60/071,531  | Percutaneous Inserted Bone Fixator Apparatus and Method                     |
| P0037241.03       | Inactive | WO - World Intellectual Property Organization (WIPO) |               | IB98/000523 | Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair |
| P0037241.04       | Inactive | AU - Australia                                       | 745916        | 65136/98    | Intervertebral Disc Prosthesis  |
| P0037241.05       | Inactive | US - United States                                   | 6,127,597     | 09/036,719  | Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair |
| P0037241.06       | Inactive | US - United States                                   |               | 09/543,313  | Intervertebral Disc Prosthesis  |
| P0037241.07       | Inactive | CA - Canada  | 2283190       | 2,283,190   | Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair |
| P0037241.08-EP U1 | Inactive | EP - European Patent Office (EPO)                    | 1011464       | 98910912.9  | Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair |
| P0037241.09       | Active   | JP - Japan   |               | 2010-538320 | Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair |
| P0037241.08-CH U1 | Inactive | CH - Switzerland                                     | 1011464       | 98910912.9  | Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair |
| P0037241.08-DEN1  | Inactive | DE - Germany   | 69839051.2.08 | 98910912.9  | Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair |
| P0037241.08-ES N1 | Inactive | ES - Spain   | 1011464       | 98910912.9  | Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair |
| P0037241.08-FRN1  | Inactive | FR - France  | 1011464       | 98910912.9  | Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair |
| P0037241.08-GB N1 | Inactive | GB - United Kingdom                                  | 1011464       | 98910912.9  | Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair |
| P0037241.08-IT N1 | Inactive | IT - Italy   | 1011464       | 98910912.9  | Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair |

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| P0037241.10      | Inactive | AU - Australia                                       |           | 29261/02          | Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair |
| P0037241.11      | Inactive | AU - Australia                                       |           | 29257/02          | Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair |
| P0037241.12      | Inactive | AU - Australia                                       |           | 29259/02          | Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair |
| P0037241.13      | Inactive | EP - European Patent Office (EPO)                    | 1905392   | 08001042.4        | Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair |
| P0037241.14      | Inactive | JP - Japan   |           | 2008-063189       | Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair |
| P0037300.00-ILU1 | Inactive | IL - Israel  | 131197    | 131197            | Method and Apparatus for Spinal Procedures                                  |
| P0037300.01      | Inactive | WO - World Intellectual Property Organization (WIPO) |           | PCT/IL2000/00458  | Method and Apparatus for Spinal Procedures                                  |
| P0037300.02      | Inactive | US - United States                                   | 7,189,240 | 10/031,450        | Method and Apparatus for Spinal Procedures                                  |
| P0032311.03      | Inactive | JP - Japan   |           | 2010-510424       | Spinous Process Implants and Methods of Using the Same                      |
| P0032311.04      | Inactive | EP - European Patent Office (EPO)                    |           | 08769576.3        | Spinous Process Implants and Methods of Using the Same                      |
| P0037301.00-USP1 | Inactive | US - United States                                   |           | 60/627,141        | Minimally Invasive Artificial Disc Device and Method                        |
| P0037301.01      | Inactive | WO - World Intellectual Property Organization (WIPO) |           | PCT/IL2005/001198 | Assembled Prosthesis Such as a Disc   |
| P0037301.02      | Inactive | CA - Canada  |           | 2,629,407         | Assembled Prosthesis Such as a Disc   |

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

## Kyphon Sarl Patents

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| 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 |
|                  |          | WO - World Intellectual Property Organization (WIPO) |               | PCT/IL2000/00058 | Expandable Intervertebral Spacer   |
| P0037367.10      | Inactive | Property Organization (WIPO)                         |               |                  |                                    |
| 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   |
|                  |          | EP - European Patent Office (EPO)                    |               | 05075400.1       | Expandable Intervertebral Spacer   |
| P0037367.14      | Inactive | Patent Office (EPO)                                  |               |                  |                                    |
| P0037367.15      | Inactive | HK - Hong Kong                                       |               | 06100321.4       | Expandable Intervertebral Spacer   |
| P0037367.16      | Inactive | JP - Japan   | 4897766       | 2008-266752      | Expandable Intervertebral Spacer   |
| P0037367.17      | Active   | US - United States                                   | 8,728,160     | 11/042,546       | EXPANDABLE INTERVERTEBRAL SPACER   |
| P0037367.18      | Inactive | US - United States                                   |               | 11/785,757       | Expandable Element                 |

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## Kyphon Sarl Patents

|                  |          |   |           |                    |   |
|------------------|----------|---|-----------|--------------------|---|
| 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)<br>EP - European Patent Office (EPO) |           | IL00/000471        | Expanding Bone Implants   |
| P0037380.02      | Active   | Patent Office (EPO)   | 1253864   | 00951812.7         | Expanding Bone Implants   |
| P0037380.03      | Inactive | US - United States  |           | 10/182,352         | Expanding Bone Implants   |
| P0031097.152     | Inactive | CN - China  |           | 20091014909<br>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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|                  |          |                                   |                |             |  |
|------------------|----------|-----------------------------------|----------------|-------------|--|
| P0036243.00-USU1 | Inactive | US - United States                |                | 12/687,046  | Articulating Interspinous Process Clamp                                |
| PC0001076.09     | Active   | US - United States                | 8,043,336      | 12/691,270  | Posterior Vertebral Support Assembly                                   |
| P0033492.00-USU1 | Inactive | US - United States                |                | 12/693,717  | Surgical Cutting Tool and Method                                       |
| P0031065.67      | Inactive | EP - European Patent Office (EPO) |                | 10000154.4  | Percutaneous Spinal Implants and Methods                               |
| P0035788.00-USU1 | Inactive | US - United States                |                | 12/696,848  | STERRABLE BALLOON CATHETER   |
| P0031097.68-ATN1 | Inactive | AT - Austria                      | E 448742       | 01988557.3  | Systems for Reducing Fractured Bone Using a Fracture Reduction Cannula |
| P0031097.68-CHU1 | Inactive | CH - Switzerland                  | 1328203        | 01988557.3  | Systems for Reducing Fractured Bone Using a Fracture Reduction Cannula |
| P0031097.68-DEN1 | Inactive | DE - Germany                      | 60140558.7.08  | 01988557.3  | Systems for Reducing Fractured Bone Using a Fracture Reduction Cannula |
| P0031097.68-FRN1 | Inactive | FR - France                       | 1328203        | 01988557.3  | Systems for Reducing Fractured Bone Using a Fracture Reduction Cannula |
| P0031097.68-GBN1 | Inactive | GB - United Kingdom               | 1328203        | 01988557.3  | Systems for Reducing Fractured Bone Using a Fracture Reduction Cannula |
| P0032308.02      | Inactive | JP - Japan                        |                | 2010-523108 | Spinous-Process Implants and Methods of Using the Same                 |
| P0032308.03      | Inactive | EP - European Patent Office (EPO) |                | 08798773.1  | Spinous-Process Implants and Methods of Using the Same                 |
| P0033064.04-DEN1 | Active   | DE - Germany                      | 602007005360.9 | 07734301.0  | Device for Treating Vertebrae, Including an Interspinous Implant       |
| P0033064.04-FRN1 | Active   | FR - France                       | 2004073        | 07734301.0  | Device for Treating Vertebrae, Including an Interspinous Implant       |
| P0033064.04-GBN1 | Inactive | GB - United Kingdom               | 2004073        | 07734301.0  | Device for Treating Vertebrae, Including an Interspinous Implant       |
| P0033064.04-ITN1 | Inactive | IT - Italy                        | 2004073        | 07734301.0  | Device for Treating Vertebrae, Including an Interspinous Implant       |

## Kyphon Sarl Patents

|                  |          |  |           |                   |   |
|------------------|----------|--|-----------|-------------------|---|
| P0035876.00-USU1 | Active   | US - United States                                   | 8,147,526 | 12/714,173        | Interspinous Process Spacer Diagnostic Parallel Balloon Catheter and Methods of Use |
| P0031065.68      | Inactive | KR - Republic of Korea                               |           | 10-2010-7003047   | Percutaneous Spinal Implants and Methods  |
| P0031497.23      | Inactive | US - United States                                   | 7,972,340 | 12/718,415        | Systems and Methods for Injecting Flowable Materials Into Bones                     |
| P0032286.04      | Inactive | KR - Republic of Korea                               |           | 2010-07008385     | Methods and Apparatus Having Multiple Separately Actuable Expandable Members        |
| P0032286.02      | Inactive | EP - European Patent Office (EPO)                    |           | 08833238.2        | Methods and Apparatus Having Multiple Separately Actuable Expandable Members        |
| P0032286.03      | Inactive | CN - China   |           | 20088011231       | Methods and Apparatus Having Multiple Separately Actuable Expandable Members        |
| P0032286.05      | Inactive | AU - Australia                                       |           | 2008305288        | Methods and Apparatus Having Multiple Separately Actuable Expandable Members        |
| P0037894.00-US11 | Active   | US - United States                                   | 8,221,349 | 12/722,449        | Anterior Inflation Balloon  |
| P0031115.15      | Active   | US - United States                                   | 8,888,816 | 12/725,129        | DISTRACTIBLE INTERSPINOUS PROCESS IMPLANT AND METHOD OF IMPLANTATION                |
| P0031029.22      | Active   | US - United States                                   | 7,942,963 | 12/727,643        | Magnesium Ammonium Phosphate Cement Composition                                     |
| P0031097.153     | Inactive | US - United States                                   |           | 12/731,571        | Methods for Placing Materials Into Bone   |
| P0034574.01      | Inactive | WO - World Intellectual Property Organization (WIPO) |           | PCT/US2010/030512 | Digital Syringe with Compensation Control   |
| P0033581.01      | Inactive | Intellectual Property Organization (WIPO)            |           | PCT/US2010/030478 | Distraction Tool For Distracting an Interspinous Space                              |

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

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

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

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

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

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|------------------|----------|--|--------------------------|--|
| P0031065.70      | Inactive | EP - European Patent Office (EPO)                    | 09755613.8               | Percutaneous Spinal Implants and Methods   |
| P0031065.71      | Inactive | EP - European Patent Office (EPO)                    | 10013353.7               | Percutaneous Spinal Implants and Methods   |
| P0036550.00-USU1 | Active   | US - United States                                   | 8,409,257<br>12/943,606  | SYSTEMS AND METHODS FOR FACET JOINT STABILIZATION  |
| P0038047.00-USU1 | Active   | US - United States                                   | 9,211,140<br>12/953,882  | Dynamically Expandable Cannulae and Systems and Methods for Performing Percutaneous Surgical Procedures Employing Same   |
| P0031097.155     | Inactive | US - United States                                   | 8,454,620<br>12/961,690  | Systems and Methods for Reducing Fractured Bone Using a Fracture Reduction Cannula With a Side Discharge Port  |
| P0035714.01      | Inactive | WO - World Intellectual Property Organization (WIPO) |                          |  |
| P0035714.02      | Inactive | EP - European Patent Office (EPO)                    | 11150756.2               | Interspinous Process Spacer Diagnostic Balloon Catheter and Methods of Use   |
| P0036243.01      | Inactive | JP - Japan   | 2011-003618              | Dynamic Interspinous Process Device  |
| P0036243.02      | Inactive | EP - European Patent Office (EPO)                    | 11150757.0               | Articulating Interspinous Process Clamp  |
| P0037830.00-USU1 | Inactive | JP - Japan   | 2011-000529              | Articulating Interspinous Process Clamp  |
| P0032367.04      | Inactive | US - United States                                   | 12/972,931               | Low Level Laser Therapy for Low Back Pain  |
| P0031798.216     | Inactive | US - United States                                   | 12/984,551<br>12/986,995 | A Mechanical Cavity-Creation Surgical Device and Methods and Kits for Using Such Devices<br>Devices and methods using an expandable body with internal restraint for compressing cancellous bone |

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

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



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|------------------|----------|--|------------|-------------------|---|
| 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 Implantation                         |
| 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      | Active   | JP - Japan   | 5331138    | 2011-033222       | INTERSPINOUS IMPLANT  |
| P0037241.17      | Inactive | FR - France  | 1905392    | 08001042.4        | Systems for Percutaneous Bone and Spinal Stabilization, Fixation and Repair     |
| P0037241.16      | Inactive | DE - Germany   | 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     |
| P0034706.01      | Inactive | WO - World Intellectual Property Organization (WIPO) |            | PCT/US2011/033757 | Multi-Port Delivery System  |

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

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

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| P0039389.WOU1  | Inactive | WO - World Intellectual Property Organization (WIPO) | 1909673   | 06800022.3 | Torque Limiting Device and Methods  |
| P0039390.WOU1  | Inactive | WO - World Intellectual Property Organization (WIPO) | 1909673   | 06800022.3 | Torque Limiting Device and Methods  |
| P0038047.WOU1  | Inactive | WO - World Intellectual Property Organization (WIPO) | 1909673   | 06800022.3 | Torque Limiting Device and Methods  |
| P0031389.USC9  | Active   | US - United States                                   | 8,591,546 | 13/313,391 | INTERSPINOUS PROCESS IMPLANT HAVING A THREAD-SHAPED WING AND METHOD OF IMPLANTATION |
| P0035876.USC6  | Active   | US - United States                                   | 8,840,617 | 13/364,510 | Interspinous Process Spacer Diagnostic Parallel Balloon Catheter and Methods of Use |
| P0032378.CHN13 | Active   | CH - Switzerland                                     | 1909673   | 06800022.3 | Torque Limiting Device and Methods  |
| P0032378.DEN14 | Active   | DE - Germany   | 1909673   | 06800022.3 | Torque Limiting Device and Methods  |
| P0032378.FRN15 | Active   | FR - France  | 1909673   | 06800022.3 | Torque Limiting Device and Methods  |
| P0032378.GBN16 | Active   | GB - United Kingdom                                  | 1909673   | 06800022.3 | Torque Limiting Device and Methods  |
| P0032378.ITN17 | Active   | IT - Italy   | 1909673   | 06800022.3 | Torque Limiting Device and Methods  |
| C00002385.USU1 | Active   | US - United States                                   | 9,204,914 | 13/359,848 | CEMENT MIXER AND BONE FILLER DEVICE   |
| C00001409.USU1 | Active   | US - United States                                   | 9,254,157 | 13/367,530 | BONE FRACTURE REDUCTION DEVICE AND METHODS USING SAME                               |

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

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| P0031752.FR28  | Inactive | FR - France  | 1272113           | 01926662.6 | Insertion Devices and Methods of Use   |
| P0031752.DEN29 | Inactive | DE - Germany   | 60146294.7        | 01926662.6 | Insertion Devices and Methods of Use   |
| C00003051.USU1 | Inactive | US - United States                                   | 13/455,212        |            | Positional Guide   |
| C00003050.USU1 | Active   | US - United States                                   | 13/773,227        |            | CANNULA WITH IMAGE MARKERS TO INDICATE EXPANDABLE DEVICE SIZE  |
| P0039545.WO1   | Inactive | WO - World Intellectual Property Organization (WIPO) | PCT/US2012/027967 |            | LUMBAR-SACRAL IMPLANT ALLOWING VARIABLE ANGLE FIXATION   |
| P0032379.DEN5  | Active   | DE - Germany   | 602007023         | 07861358.5 | Diammonium Phosphate and Other Ammonium Salts and Their Use In Preventing Clotting(Kilpatrick sent this file to Medtronic for handling in-house) |
| P0032379.FR26  | Active   | FR - France  | 2068950           | 07861358.5 | Diammonium Phosphate and Other Ammonium Salts and Their Use In Preventing Clotting(Kilpatrick sent this file to Medtronic for handling in-house) |
| P0031752.IT230 | Inactive | IT - Italy   |                   |            | Insertion Devices and Methods of Use   |
| C00003473.S0   | Inactive |  |                   |            | Sterilization combining UV pulsed light & induced ozone  |
| C00003491.S0   | Inactive |  |                   |            | Matrix of printed RO marks on stripe flat/pancake balloon for treating fractures in extremities  |
| C00003516.S0   | Inactive |  |                   |            | BFT (Balloon Functional Testing)   |
| C00003491.USU1 | Active   | US - United States                                   | 13/760,132        |            | BONE REDUCTION DEVICE HAVING RO MARKERS AND METHOD OF USING THE SAME   |
| C00002591.USU1 | Active   | US - United States                                   | 9,295,510         | 13/760,876 | DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHODS OF USE  |
| P0038743.USU1  | Active   | US - United States                                   | 9,730,746         | 13/838,794 | DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHOD  |
| P0042032.USU1  | Active   | US - United States                                   | 9,480,955         | 13/735,608 | BONE CEMENT MIXING AND DELIVERY SYSTEM WITH REDUCED FUME EXPOSURE  |

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| P0042162.WOU2 | Inactive | WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO) | 602008019<br>595.3 | 08725975.0            | Expandable Devices for Emplacement in Bone and<br>Combination Directional and Non-Directional Bone<br>Tamp   |
| P0032519.DEN5 | Inactive | DE - Germany   | 602008019<br>595.3 | 08725975.0            | Expandable Devices for Emplacement in Bone and<br>Other Body Parts and Methods of Use of Such<br>Devices   |
| P0032519.FRN6 | Inactive | FR - France  | 2131790            | 08725975.0            | Expandable Devices for Emplacement in Bone and<br>Other Body Parts and Methods of Use of Such<br>Devices   |
| P0032379.GBN7 | Inactive | GB - United<br>Kingdom   | 2068950            | 07861358.5            | Diammonium Phosphate and Other Ammonium Salts<br>and Their Use In Preventing Clotting(Kilpatrick sent<br>this file to Medtronic for handling in-house) |
| P0032379.ESN8 | Inactive | ES - Spain   | 2068950            | 09/21/2006            | Diammonium Phosphate and Other Ammonium Salts<br>and Their Use In Preventing Clotting(Kilpatrick sent<br>this file to Medtronic for handling in-house) |
| P0032379.ITN9 | Inactive | IT - Italy   | 2068950            | 07861358.5            | Diammonium Phosphate and Other Ammonium Salts<br>and Their Use In Preventing Clotting(Kilpatrick sent<br>this file to Medtronic for handling in-house) |
| C00004073.S0  | Inactive | WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO) |                    | PCT/US2012/<br>045484 | Combination Directional and Non-Directional Bone<br>Tamp   |
| P0037380.DEN4 | Active   | DE - Germany   | 60047589.1         | 00951812.7            | Expanding Bone Implants  |
| P0037380.FRN5 | Active   | FR - France  | 1253864            | 00951812.7            | Expanding Bone Implants  |
| C00004267.S0  | Inactive |  |                    |                       | Compliant sleeve for BKP IBT protection<br>Self Expanding Balloon for BKP  |
| C00004280.S0  | Inactive |  |                    |                       | Foldable Devices for Emplacement in the Spine and<br>Methods Associated Therewith  |
| P0033176.DEN7 | Active   | DE - Germany   | 602009011<br>196.5 | 09723738.2            |  |

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



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| P0031029.FR N25 | Inactive | FR - France                       | 1707543    | 06011541.7  | Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof |
| P0031029.GBN26  | Inactive | GB - United Kingdom               | 1707543    | 06011541.7  | Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof |
| P0031029.ITN27  | Inactive | IT - Italy                        | 1707543    | 06011541.7  | Magnesium-Ammonium-Phosphate Cements, The Production of the Same and the Use Thereof |
| P0032380.DEN8   | Inactive | DE - Germany                      | 2029058    | 07809238.4  | Self-Foaming Cement For Void Filling and/or Delivery Systems                         |
| P0032380.ESN9   | Inactive | ES - Spain                        | 2029058    | 07809238.4  | Self-Foaming Cement For Void Filling and/or Delivery Systems                         |
| P0032380.FRN10  | Inactive | FR - France                       | 2029058    | 07809238.4  | Self-Foaming Cement For Void Filling and/or Delivery Systems                         |
| P0032380.GBN11  | Inactive | GB - United Kingdom               | 2029058    | 07809238.4  | Self-Foaming Cement For Void Filling and/or Delivery Systems                         |
| P0032380.ITN12  | Inactive | IT - Italy                        | 2029058    | 07809238.4  | Self-Foaming Cement For Void Filling and/or Delivery Systems                         |
| C00004852.S0    | Inactive |                                   |            |             | Improved Tool for LSS Decompression  |
| C00004937.S0    | Inactive |                                   |            |             | Chemical Denervation of the Basivertebral Nerve                                      |
| P0038122.EPN7   | Active   | EP - European Patent Office (EPO) | 11837014.7 |             | REDUCED EXTRAVASATION OF BONE CEMENT   |
| P0034054.CNN3   | Active   | CN - China                        |            | 20118003644 | CALCIUM PARTICLE-EMBEDDED, SNAP-TO-DOUGH, HIGH-VISCOSITY BONE CEMENT                 |
| P0034054.EPN4   | Active   | EP - European Patent Office (EPO) | 2598179    | 11815064.8  | CALCIUM PARTICLE-EMBEDDED, SNAP-TO-DOUGH, HIGH-VISCOSITY BONE CEMENT                 |
| C00005007.S0    | Inactive |                                   |            |             | Method for Chemical Denervation of the Basivertebral Nerve                           |
| C00005018.S0    | Inactive |                                   |            |             | Method of distal radius fracture reduction and fixation                              |
| C00005094.S0    | Inactive |                                   |            |             | Ligamentum Flavum Removal Tool using Loss of Resistance Methodology                  |
| C00005100.S0    | Inactive |                                   |            |             | Low Cost IBT (iteration of previous disclosure)                                      |

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

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| C00005094.USU1 | Inactive | US - United States |            |            | Ligamentum Flavum Removal Tool using Loss of Resistance Methodology                                      |
| C00005163.USU1 | Inactive | US - United States | 13/830,436 |            | DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHOD  |
| C00005235.S0   | Inactive |                    |            |            | Distraction for the posterior elements (spinous processes, facets, interspinous space, etc)              |
| C00005254.S0   | Inactive |                    |            |            | Device to Hold Cannula for Percutaneous Spinal Surgery   |
| C00005254.USU1 | Active   | US - United States | 9,289,247  | 13/832,834 | SURGICAL TOOL HOLDER   |
| C00005301.S0   | Inactive |                    |            |            | A Retractable Pen-like Mechanism to Dissect and Evacuate Ligamentum in Lumbar Spinal Stenosis            |
| C00005361.S0   | Inactive |                    |            |            | HIGH PRESSURE REMOTE DELIVERY SYSTEM FOR BONE CEMENT   |
| C00005428.USU1 | Active   | US - United States | 9,295,528  | 13/798,880 | DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHOD  |
| C00005429.USU1 | Active   | US - United States | 9,351,780  | 13/830,192 | SURGICAL DEVICE WITH RATCHET MECHANISM FOR PERFORMING A SURGICAL PROCEDURE AND METHOD                    |
| C00005430.USU1 | Active   | US - United States | 9,427,272  | 13/803,232 | DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHOD  |
| C00005431.USU1 | Active   | US - United States | 9,161,818  | 13/798,320 | DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHOD  |
| C00005105.USU1 | Active   | US - United States | 9,861,431  | 13/799,200 | RADIOFREQUENCY INFLATABLE DEVICE   |
| C00005107.USU1 | Active   | US - United States | 9,173,701  | 13/833,670 | RF ENABLED INFLATABLE BONE TAMP  |
| C00005108.USU1 | Active   | US - United States | 9,216,057  | 13/840,010 | STEERABLE CATHETER SYSTEM AND METHOD OF USING A STEERABLE CATHETER SYSTEM TO DISSECT AND EVACUATE TISSUE |
| C00005109.USU1 | Active   | US - United States | 9,282,988  | 13/804,473 | FORMED DEPLOYABLE SUPERELASTIC BLADE AND METHOD OF USE   |
| C00005110.USU1 | Active   | US - United States | 9,028,488  | 13/803,146 | RADIO FREQUENCY CATHETER TO TARGET LIGAMENTUM FLAVUM   |

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| C00005177.USU1 | Active   | US - United States                | 9,161,774 | 13/829,258   | ROTATABLE CUTTING INSTRUMENT   |
| C00005178.USU1 | Active   | US - United States                | 9,289,227 | 13/838,671   | ULTRASONIC CUTTING DEVICE  |
| C00005301.USU1 | Active   | US - United States                | 9,402,648 | 13/834,922   | RETRACTABLE DEVICE TO DISSECT AND EVACUATE LIGAMENTUM FLAVUM IN LUMBER SPINAL STENOSIS |
| C00004073.USU1 | Inactive | US - United States                |           |              | Cadaveric Model for Calcaneous Fractures   |
| C00005381.S0   | Inactive |                                   |           |              | GRADUATED MARKINGS TO DETERMINE ANGLULATION IN A CURVED NEEDLE APPLICATION             |
| C00005432.USU1 | Active   | US - United States                | 9,414,858 | 13/830,352   | BLUNT TIP SURGICAL CUTTING DEVICE AND METHOD   |
| C00005433.USU1 | Active   | US - United States                | 9,271,750 | 13/798,707   | EXPANDABLE CANNULA AND METHOD OF USE   |
| C00005434.S0   | Inactive |                                   |           |              | DEVICE FOR PERFORMING A SURGICAL PROCEDURE ON EXTREMITIES AND METHOD                   |
| C00005434.USU1 | Active   | US - United States                | 9,204,915 | 13/830,537   | DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHOD                                  |
| C00005517.S0   | Inactive |                                   |           |              | DISSECTOMY TOOL WITH IRRIGATION  |
| C00005668.S0   | Inactive |                                   |           |              | MULTI-TINE DESIGN TO CUT THROUGH SOFT TISSUE   |
| C00005669.S0   | Inactive |                                   |           |              | Deployable Protective Sheet for Safe Access to Ligamentum Flavum                       |
| C00005902.S0   | Inactive |                                   |           |              | Epidural Balloon   |
| C00005903.S0   | Inactive |                                   |           |              | ROUND KERRISON RONGEUR WITH CONTINUOUS SUCTION   |
| C00005904.S0   | Inactive |                                   |           |              | Kerrison Rongeur with Deployable Tip   |
| P0031065.USV76 | Inactive | US - United States                |           | 13/960,358   | Percutaneous Spinal Implants and Methods   |
| P0039545.EPN2  | Inactive | EP - European Patent Office (EPO) |           | 12/767,880.3 | LUMBAR-SACRAL IMPLANT ALLOWING VARIABLE ANGLE FIXATION                                 |

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| P0039941.EPN3   | Active   | EP - European Patent Office (EPO)                    |                      | 12776507.1        | BONE TAMP AND METHODS OF USE                                  |
| P0039941.CNN4   | Active   | CN - China   | ZL2012800210121016.X | 6.X               | BONE TAMP AND METHODS OF USE                                  |
| P0032010.USC6   | Inactive | US - United States                                   |                      | 14/041,761        | INSTRUMENTS AND METHODS FOR FORMING A CAVITY                  |
| C00003050.WOU2  | Inactive | WO - World Intellectual Property Organization (WIPO) |                      | PCT/US2014/017084 | CANNULA WITH IMAGE MARKERS TO INDICATE EXPANDABLE DEVICE SIZE |
| P0039941.USV5   | Active   | US - United States                                   | 9,107,699            | 14/132,349        | BONE TAMP AND METHODS OF USE                                  |
| P0031061.USC197 | Active   | US - United States                                   |                      |                   | Spine Distraction Implant and Method                          |
| C00006944.S0    | Inactive |  |                      |                   | TRIANCHOR EXPANDING CANNULA                                   |
| C00006974.S0    | Inactive |  |                      |                   | RETRACTING CANNULA WITH ILLUMINATION                          |
| C00006975.S0    | Inactive |  |                      |                   | DOVETAILED WAG AND HOLD CANNULA                               |
| C00006976.S0    | Inactive |  |                      |                   | ANCHOR BY THREAD CANNULA                                      |
| C00006977.S0    | Inactive |  |                      |                   | FLEXIBLE CANNULA HOLDER                                       |
| C00006978.S0    | Inactive |  |                      |                   | WAG AND HOLD ADJUSTABLE CANNULA                               |
| C00006979.S0    | Inactive |  |                      |                   | ACCESS WITH DEPLOYABLE ANCHOR WIRE                            |
| C00007033.S0    | Inactive |  |                      |                   | SURGICAL CANNULA WITH CHANNELS FOR IRRIGATION AND SUCTION     |
| C00007062.S0    | Inactive |  |                      |                   | SOFTWARE TO ENABLE SURGICAL TISSUE RECOGNITION AND NAVIGATION |
| P0039941.USV6   | Inactive | US - United States                                   |                      |                   | BONE TAMP AND METHODS OF USE                                  |
| C00006975.USU1  | Inactive | US - United States                                   |                      |                   | DOVETAILED WAG AND HOLD CANNULA                               |
| C00006977.USV2  | Active   | US - United States                                   | 9,826,967            | 14/619,547        | CANNULA AND METHODS OF USE                                    |

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

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|                |          | WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO) |                       |   |   |
| C00005110.WOU2 | Inactive |  | PCT/US2014/<br>024053 | RADIO FREQUENCY CATHETER TO TARGET<br>LIGAMENTUM FLAVUM   |   |
| C00008038.S0   | Inactive |  |                       | 2 part bone cement delivery system - Hydraulic<br>2 part bone cement delivery system - Mechanical |   |
| C00008039.S0   | Inactive |  |                       |   |   |
| C00008038.USU1 | Active   | US - United States   | 9,820,792             | 14/466,454  | BONE CEMENT MIXING AND DELIVERY DEVICE                                    |
| C00008039.USU1 | Active   | US - United States   | 9,820,791             | 14/466,464  | METHODS OF FILLING BONE USING BONE CEMENT<br>MIXING AND DELIVERY DEVICES  |
| P0034579.USV1  | Active   | US - United States   | 9,545,281             | 14/316,299  | Minimally Invasive Cement Delivery System Retainer                        |
| C00008326.S0   | Inactive | EP - European<br>Patent Office<br>(EPO)                          |                       |   | Wag and Hold Cannula Fishbone Feature                                     |
| C00002385.EPN3 | Inactive |  | 13740496.8            |   | Cement Mixer and Bone Filler Device                                       |
| C00005903.USU1 | Inactive | US - United States   |                       |   | ROUND KERRISON RONGEUR WITH CONTINUOUS<br>SUCTION                         |
| C00005007.USU1 | Active   | US - United States   |                       | 15/070,195  | DEVICES FOR DELIVERING A CHEMICAL<br>DENERVATION AGENT AND METHODS OF USE |
| C00008559.S0   | Active   |  |                       |   | Balloon Kyphoplasty IBT with Microwave applicator<br>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                         |

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



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

|                 | WO - World Intellectual Property Organization (WIPO) | PCT/US2015/045223                  | RETRACTING CANNULA WITH ILLUMINATION AND METHODS OF USE    |
|-----------------|--|------------------------------------|--|
| C00006974.WOU2  | Inactive   |                                    |  |
| C00002385.USC4  | Active   | US - United States 9,763,721       | CEMENT MIXER AND BONE FILLER DEVICE                        |
| P00333333.DEN7  | Active   | DE - Germany 60 2007 044 413.6     | Interspinous Spinal Prosthesis                             |
| P00333333.FRN8  | Active   | FR - France 602007044 413.6        | Interspinous Spinal Prosthesis                             |
| P0033870.DEN5   | Active   | DE - Germany 1570873               | MANUAL PUMP MECHANISM AND DELIVERY SYSTEM                  |
| P0033870.FRN6   | Active   | FR - France 1570873                | MANUAL PUMP MECHANISM AND DELIVERY SYSTEM                  |
| C00005110.EPN4  | Active   | EP - European Patent Office (EPO)  | RADIO FREQUENCY CATHETER TO TARGET LIGAMENTUM FLAVUM       |
| C00012101.S0    | Inactive   |                                    | Internally ribbed catheter shaft                           |
| C00011765.USD1  | Active   | US - United States D807511         | MULTI-PORT HUB FOR INFLATABLE BONE TAMP                    |
| P0034744.USC2   | Active   | US - United States 9,402,671       | VALVE CONTROL MECHANISM AND METHOD                         |
| C00011481.USU1  | Active   | US - United States                 | INFLATABLE BONE TAMP WITH FLOW CONTROL AND METHODS OF USE  |
| C00005100.USC2  | Active   | US - United States 9,668,796       | LOW COST INFLATABLE BONE TAMP                              |
| C00010883.USU1  | Active   | US - United States                 | DRUG DELIVERY DEVICE AND METHODS HAVING A RETAINING MEMBER |
| C00005107.USC3  | Active   | US - United States 9,848,945       | RF ENABLED INFLATABLE BONE TAMP                            |
| PC0001054.DEN11 | Active   | DE - Germany 60247711.5 02772494.7 | VERTEBRA STABILIZING ASSEMBLY                              |

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

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

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

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| C000123339.USU1 | Active   | US - United States                                   | 15/180,971        | MULTI-CANNULA SENSING DEVICE  |
| C00012446.USU1  | Active   | US - United States                                   |                   | The Smart Needle: Sensing through the Cannula                                       |
| C00005178.USV2  | Active   | US - United States                                   | 15/043,657        | ULTRASONIC CUTTING DEVICE   |
| C00005254.USC2  | Inactive | US - United States                                   |                   | SURGICAL TOOL HOLDER  |
| C00002591.USV2  | Active   | US - United States                                   | 15//043,692       | DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHODS OF USE                       |
| C00005428.USV2  | Active   | US - United States                                   | 15/046,654        | DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHOD                               |
| C00007033.WOU2  | Inactive | WO - World Intellectual Property Organization (WIPO) | PCT/US2016/020018 | SURGICAL CANNULA WITH CHANNELS FOR IRRIGATION AND SUCTION                           |
| C000133354.S0   | Active   |  |                   | Method of bilateral RF ablation of vertebral body                                   |
| C00013374.S0    | Inactive |  |                   | Cemet Delivery system with inflatable bone tamp and cannula                         |
| C00013380.USU1  | Inactive | US - United States                                   |                   | Inflatable Bone Tamp with flow control  |
| C00013412.S0    | Inactive |  |                   | Bone Access & Biopsy Tools for Harden Vertebrae Body                                |
| P0041060.USC1   | Active   | US - United States                                   | 15/095,667        | RETRACTABLE INFLATABLE BONE TAMP  |
| C00013461.S0    | Active   |  |                   | Tabletop Sagittal Adjustment Device   |
| C00013505.S0    | Inactive |  |                   | Temperature monitoring on water cooled RF ablation probe                            |
| C00013555.S0    | Active   |  |                   | Method and process to control the Tissue Impedance during the RF Ablation procedure |
| C00013615.S0    | Inactive |  |                   | Temperature monitoring on water cooled RF ablation probe using microwave radiometer |

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| 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<br>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   |

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| C00012645.EPD6 | Active   | EU - European<br>Union Intellectual<br>Property Office<br>(EUIPO) | 003182179               | DISPLAY SCREEN WITH ANIMATED GRAPHICAL USER<br>INTERFACE  |
| C00012645.EPD7 | Active   | EU - European<br>Union Intellectual<br>Property Office<br>(EUIPO) | 003182195-<br>003182195 | DISPLAY SCREEN OR PORTION THEREOF WITH<br>GRAPHICAL USER INTERFACE  |
| C00012645.EPD8 | Active   | EU - European<br>Union Intellectual<br>Property Office<br>(EUIPO) | 003182203-<br>003182203 | DISPLAY SCREENS WITH ANIMATED USER INTERFACE  |
| C00010883.USD2 | Active   | US - United States  | D802755                 | DRUG PELLETT CARTRIDGE  |
| P0034744.USC3  | Active   | US - United States  | 9,913,677               | VALVE CONTROL MECHANISM AND METHOD  |
| C00005301.USV2 | Active   | US - United States  | 15/204,042              | RETRACTABLE DEVICE TO DISSECT AND EVACUATE<br>LIGAMENTUM FLAVUM IN LUMBER SPINAL STENOSIS                                 |
| P0042032.USC2  | Active   | US - United States  | 15/218,885              | BONE CEMENT MIXING AND DELIVERY SYSTEM WITH<br>REDUCED FUME EXPOSURE  |
| C00014591.S0   | Active   |   |                         | Bone Access Method  |
| C00014598.S0   | Active   |   |                         | Ablation Introducer   |
| C00014606.S0   | Inactive |   |                         | Enhanced Cryoprobe for Tissue Ablation  |
| C00014709.S0   | Inactive |   |                         | Curved High Pressure Balloon Catheter with Pressure<br>Reducing Valve   |
| C00014722.S0   | Active   |   |                         | Curved IBT with a Variable Wall Thickness High<br>Pressure Balloon Engineered for optimal Inflation in a<br>Curved System |
| C00012645.EPD9 | Active   | EU - European<br>Union Intellectual<br>Property Office<br>(EUIPO) | 003380054-<br>0001      | 003380054<br>DISPLAY SCREEN WITH ANIMATED GRAPHICAL USER<br>INTERFACE   |



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

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|-----------------|----------|--|-----------------------|---------------------|---|
| C000122904.WOU3 | Inactive | WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO)                       |                       |                     | MULTI-PROBE SYSTEM USING BIPOLAR PROBES AND<br>METHODS OF USING THE SAME                  |
| P0038122.USV8   | Active   | US - United States<br>WO - World<br>Intellectual<br>Property<br>Organization<br>(WIPO) | 15/377,326            |                     | REDUCED EXTRAVASATION OF BONE CEMENT  |
| C00012486.WOU2  | Active   |  | PCT/US2017/<br>014243 |                     | MANUAL MIXER  |
| C00015525.S0    | Inactive |  |                       |                     | Proximal temperature monitoring on water cooled<br>RF ablation probe with modulated flow. |
| C00005361.AUN3  | Active   | AU - Australia   | 2015277489            |                     | HIGH PRESSURE REMOTE DELIVERY SYSTEM FOR<br>CEMENT AND METHODS OF USE                     |
| C00005361.KRN4  | Active   | KR - Republic of<br>Korea  | 10-2017-<br>0026468   | 10-2017-<br>7001011 | HIGH PRESSURE REMOTE DELIVERY SYSTEM FOR<br>CEMENT AND METHODS OF USE                     |
| C00005361.EPN5  | Active   | EP - European<br>Patent Office<br>(EPO)  |                       | 15810389.5          | HIGH PRESSURE REMOTE DELIVERY SYSTEM FOR<br>CEMENT AND METHODS OF USE                     |
| C00015541.S0    | Inactive |  |                       |                     | 2 stage cement dispensing system for Kyphon Mixer   |
| C00015543.S0    | Active   |  |                       |                     | Scoop cannula with deflectable wings  |
| C00006979.USC2  | Active   | US - United States   | 15/432,526            |                     | CANNULA WITH DEPLOYABLE ANCHOR WIRE AND<br>METHODS OF USE                                 |
| C00015740.S0    | Inactive |  |                       |                     | Improved Cryoprobe Efficiency Using Turbulent<br>Liquid Nitrogen                          |
| C00015752.S0    | Inactive |  |                       |                     | Improved Cryoablation Efficiency Using Variable Gas<br>Pressures                          |
| C00014598.USU1  | Active   | US - United States   | 15/581,574            |                     | INTRODUCER AND CRYOPROBE  |

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

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|-----------------|----------|-----------------------------------|--------------------|---------------------|---|
| C00013805.AU U2 | Active   | AU - Australia                    |                    | 2017204141          | INFLATABLE BONE TAMP WITH FLOW CONTROL AND METHODS OF USE |
| C00013805.EPU3  | Active   | EP - European Patent Office (EPO) |                    | 17177266.8          | INFLATABLE BONE TAMP WITH FLOW CONTROL AND METHODS OF USE |
| P0032208.DEN10  | Active   | DE - Germany                      | 602006053<br>887.1 | 06774578.6          | Measurement Instrument For Percutaneous Surgery           |
| P0032208.FRN11  | Active   | FR - France                       | 1901654            | 06774578.6          | Measurement Instrument For Percutaneous Surgery           |
| C000085559.AUN3 | Active   | AU - Australia                    |                    | 2016205167          | TUMOR ABLATION SYSTEM                                     |
| C000085559.CNN4 | Inactive | CN - China                        |                    | 20168000526<br>7.7  | TUMOR ABLATION SYSTEM                                     |
| C000085559.EPN5 | Active   | EP - European Patent Office (EPO) |                    | 16735443.0          | TUMOR ABLATION SYSTEM                                     |
| C00015541.USU1  | Active   | US - United States                |                    | 15/668,918          | DISPENSING SYSTEM AND METHODS OF USE                      |
| C00017223.S0    | Active   |                                   |                    |                     | PMMA cement mixer design ideas                            |
| P0038743.USV2   | Active   | US - United States                |                    | 15/650,026          | DEVICE FOR PERFORMING A SURGICAL PROCEDURE AND METHOD     |
| C00012653.AUU2  | Active   | AU - Australia                    |                    | 2017219134          | SURGICAL SYSTEM AND METHODS OF USE                        |
| C00012653.CNU3  | Active   | CN - China                        |                    | 20171083400<br>1.X  | SURGICAL SYSTEM AND METHODS OF USE                        |
| C00012653.JPU4  | Active   | JP - Japan                        |                    | 2017-180207         | SURGICAL SYSTEM AND METHODS OF USE                        |
| C00012653.KRU5  | Active   | KR - Republic of Korea            |                    | 10-2017-<br>0122724 | SURGICAL SYSTEM AND METHODS OF USE                        |
| C00012653.EPU6  | Active   | EP - European Patent Office (EPO) |                    | 17187891.1          | SURGICAL SYSTEM AND METHODS OF USE                        |
| C00012953.AUU2  | Active   | AU - Australia                    |                    | 2017221834          | IN-SITU TRAINING APPARATUS, METHOD AND SYSTEM             |

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

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|----------------|--------|-----------------------------------|------------|--|---|
| C00017689.S0   | Active |                                   |            |  | Vertebral Body Access Cannula with Twistable Platform Support               |
| C00016357.USU1 | Active | US - United States                | 15/879,487 |  | Vertebral Body Access Cannula with Enhanced Bending Stiffness               |
| C00014709.USU1 | Active | US - United States                | 15/864,880 |  | HIGH-PRESSURE BALLOON CATHETER WITH PRESSURE REGULATING VALVE               |
| C00001409.USC3 | Active | US - United States                | 15/783,295 |  | BONE FRACTURE REDUCTION DEVICE AND METHODS FOR USING THE SAME               |
| C00008039.USC2 | Active | US - United States                | 15/787,272 |  | METHODS OF FILLING BONE USING BONE CEMENT MIXING AND DELIVERY DEVICES       |
| C00008038.USC2 | Active | US - United States                | 15/795,542 |  | BONE CEMENT MIXING AND DELIVERY DEVICE                                      |
| C00006977.USV5 | Active | US - United States                | 15/825,546 |  | CANNULA AND METHODS OF USE  |
| C00017223.USU1 | Active | US - United States                | 15/876,256 |  | MANUAL MIXER  |
| C00007062.USV3 | Active | US - United States                | 15/885,137 |  | SURGICAL TISSUE RECOGNITION AND NAVIGATION APPARATUS AND METHOD             |
| C00013000.USC3 | Active | US - United States                | 15/879,572 |  | SYSTEMS AND METHODS FOR TRACK COAGULATION                                   |
| P0034744.USC4  | Active | US - United States                | 15/879,930 |  | VALVE CONTROL MECHANISM AND METHOD  |
| C00014598.CAU2 | Active | CA - Canada                       |            |  | INTRODUCER AND CRYOPROBE  |
| C00014598.CNU3 | Active | CN - China                        |            |  | INTRODUCER AND CRYOPROBE  |
| C00014598.FPU4 | Active | EP - European Patent Office (EPO) | 18162809.0 |  | INTRODUCER AND CRYOPROBE  |
| C00001610.USV2 | Active | US - United States                | 15/921,049 |  | CRYOGENIC KYPHOPLASTY INSTRUMENT AND METHODS OF USE                         |
| C00012997.AUN4 | Active | AU - Australia                    | 2016344378 |  | Electrosurgical Apparatus with Temperature Sensing & Methods of use Thereof |

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

Kyphon Sarl Patents

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|------------------|----------|---------------------|---------------|------------|---|
| P0037367.11-DEN1 | Active   | DE - Germany        | 60019558.9.08 | 00901874.8 | Expandable Intervertebral Spacer                            |
| P0037367.11-ESN1 | Inactive | ES - Spain          | 1148850       | 00901874.8 | Expandable Intervertebral Spacer                            |
| P0037367.11-FRN1 | Active   | FR - France         | 1148850       | 00901874.8 | Expandable Intervertebral Spacer                            |
| P0037367.11-GBN1 | Inactive | GB - United Kingdom | 1148850       | 00901874.8 | Expandable Intervertebral Spacer                            |
| P0037367.11-ITN1 | Inactive | IT - Italy          | 1148850       | 00901874.8 | Expandable Intervertebral Spacer                            |
| P0037367.USR19   | Active   | US - United States  |               | 15/159,524 | EXPANDABLE INTERVERTEBRAL SPACER                            |
| P0032010.05      | Inactive | US - United States  |               | 12/869,101 | SYSTEMS AND METHODS FOR FORMING A CAVITY IN CANCELLOUS BONE |

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