

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tony Tannoury</td> <td>04/21/2009</td> </tr> <tr> <td>Michael O'Neil</td> <td>05/11/2009</td> </tr> <tr> <td>Hassan A. Serhan</td> <td>04/17/2009</td> </tr> <tr> <td>Anwar M. Upal</td> <td>05/11/2009</td> </tr> <tr> <td>Michael A. Slivka</td> <td>05/12/2009</td> </tr> <tr> <td>John Riley Hawkins</td> <td>05/11/2009</td> </tr> </tbody> </table>		Name	Execution Date	Tony Tannoury	04/21/2009	Michael O'Neil	05/11/2009	Hassan A. Serhan	04/17/2009	Anwar M. Upal	05/11/2009	Michael A. Slivka	05/12/2009	John Riley Hawkins	05/11/2009
Name	Execution Date														
Tony Tannoury	04/21/2009														
Michael O'Neil	05/11/2009														
Hassan A. Serhan	04/17/2009														
Anwar M. Upal	05/11/2009														
Michael A. Slivka	05/12/2009														
John Riley Hawkins	05/11/2009														
<b>RECEIVING PARTY DATA</b>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>DePuy Spine, Inc.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>325 Paramount Drive</td> </tr> <tr> <td><b>City:</b></td> <td>Raynham</td> </tr> <tr> <td><b>State/Country:</b></td> <td>MASSACHUSETTS</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>02767</td> </tr> </table>		<b>Name:</b>	DePuy Spine, Inc.	<b>Street Address:</b>	325 Paramount Drive	<b>City:</b>	Raynham	<b>State/Country:</b>	MASSACHUSETTS	<b>Postal Code:</b>	02767				
<b>Name:</b>	DePuy Spine, Inc.														
<b>Street Address:</b>	325 Paramount Drive														
<b>City:</b>	Raynham														
<b>State/Country:</b>	MASSACHUSETTS														
<b>Postal Code:</b>	02767														
<b>PROPERTY NUMBERS Total: 1</b>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12353677</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12353677										
Property Type	Number														
Application Number:	12353677														
<b>CORRESPONDENCE DATA</b>															
<p><b>Fax Number:</b> (617)310-9888</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p><b>Phone:</b> 617 439 2888</p> <p><b>Email:</b> jburke@nutter.com</p> <p><b>Correspondent Name:</b> Jaime Burke</p> <p><b>Address Line 1:</b> 155 Seaport Blvd.</p> <p><b>Address Line 2:</b> World Trade Center West</p> <p><b>Address Line 4:</b> Boston, MASSACHUSETTS 02210</p>															
<b>ATTORNEY DOCKET NUMBER:</b>	101896-987 JLB ASSIGNMEN														

OP \$40.00 12353677

**500860284**

**PATENT**  
**REEL: 022685 FRAME: 0988**

NAME OF SUBMITTER:

Jaime Burke

**Total Attachments: 9**

source=987Assignment#page1.tif

source=987Assignment#page2.tif

source=987Assignment#page3.tif

source=987Assignment#page4.tif

source=987Assignment#page5.tif

source=987Assignment#page6.tif

source=987Assignment#page7.tif

source=987Assignment#page8.tif

source=987Assignment#page9.tif

## ASSIGNMENT BY INVENTORS

We, **Tony Tannoury**, a citizen of Lebanon, residing at 8 David Drive, Andover, Massachusetts 01810; **Michael O'Neil**, a citizen of the United States, residing at 121 Lombard Avenue, West Barnstable, Massachusetts 02668; **Hassan A. Serhan**, a citizen of the United States, residing 27 Forest Edge Lane, South Easton, Massachusetts 02375; **Anwar M. Upal**, a citizen of the United States, residing at 12 Joseph Drive, Fall River, Massachusetts 02720; **Michael A. Slika**, a citizen of the United States, residing at 90 Lehner Drive, Taunton, Massachusetts 02780; and **John Riley Hawkins**, a citizen of the United States, residing at 40 Cook Road, Cumberland, RI 02864, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in SPINAL DISC PREPARATION TOOL, set forth in a Patent application for Letters Patent of the United States, already filed on **January 14, 2009** as U.S. Application No **12/353,677**; and

**WHEREAS**, DePuy Spine, Inc., a Corporation organized under and pursuant to the laws of Ohio having its principal place of business at 325 Paramount Drive, Raynham, Massachusetts 02767 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the

**PATENT**

same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply

with the rules of the United States Patent and Trademark Office for recordation of this document:

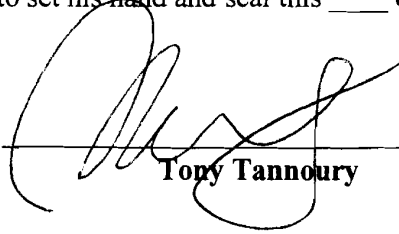
NUTTER MCCLENNEN & FISH LLP

All practitioners at Customer Number 21125

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

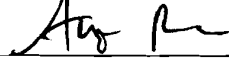
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 4/21/09 day of April, 2009.

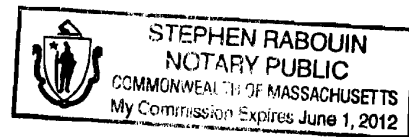
(L.S.)

  
\_\_\_\_\_  
**Tony Tannoury**

STATE OF Massachusetts )  
 ) ss:  
COUNTY OF Suffolk )

BE IT REMEMBERED, that on this 21 day of April, 2009, before me, a Notary Public, personally appeared **Tony Tannoury**, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

My Commission Expires: June 1, 2012   
\_\_\_\_\_  
Notary Public



IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 11<sup>th</sup> day of May, 2009.

(L.S.)

Michael O'Neil  
Michael O'Neil

STATE OF Massachusetts )  
 ) ss:  
COUNTY OF Bristol )

BE IT REMEMBERED, that on this 11 day of May, 2009, before me, a Notary Public, personally appeared **Michael O'Neil**, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

My Commission Expires: 1-21-2011

Amy Pelletier  
Notary Public



AMY PELLETIER  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires January 21, 2011

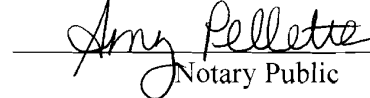
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 17 day of April, 2009.


(L.S.)

  
Hassan A. Serhan

STATE OF Massachusetts )  
 ) ss:  
COUNTY OF Bristol )

BE IT REMEMBERED, that on this 17 day of April, 2009, before me, a Notary Public, personally appeared **Hassan A. Serhan**, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.


My Commission Expires: 1-21-2011   
Notary Public

 AMY PELLETIER  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires January 21, 2011



IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 11<sup>th</sup> day of May, 2009.

(L.S.)

  
Anwar M. Upal

STATE OF Massachusetts )  
 ) ss:  
COUNTY OF Bristol )

BE IT REMEMBERED, that on this 11 day of May, 2009, before me, a Notary Public, personally appeared **Anwar M. Upal**, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

My Commission Expires: 1-21-2011

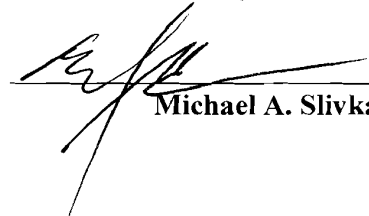
  
Notary Public



AMY PELLETIER  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires January 21, 2011


IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 12 day of May, 2009.


(L.S.)

  
\_\_\_\_\_  
Michael A. Slivka

STATE OF Massachusetts )  
 ) ss:  
COUNTY OF Bristol )

BE IT REMEMBERED, that on this 12 day of May, 2009, before me, a Notary Public, personally appeared **Michael A. Slivka**, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

My Commission Expires: 1-21-2011   
\_\_\_\_\_  
Notary Public

 AMY PELLETIER  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires January 21, 2011

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 1<sup>st</sup> day of May, 2009.

(L.S.)


John Riley Hawkins  
John Riley Hawkins

STATE OF Massachusetts )  
 ) ss:  
COUNTY OF Bristol )

BE IT REMEMBERED, that on this 11 day of May, 2009, before me, a Notary Public, personally appeared **John Riley Hawkins**, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

My Commission Expires: 1-21-2011

Amy Pellette  
Notary Public

 **AMY PELLETIER**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires January 21, 2011