

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|--|------------------------|---------------|-------------------|---------------------|---------------------|-------------------|------------|-------------------|---------------|----------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <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>William J. Frasier</td> <td>03/24/2005</td> </tr> <tr> <td>Connie P. Marchek</td> <td>03/25/2005</td> </tr> <tr> <td>Timothy Beardsley</td> <td>03/21/2005</td> </tr> <tr> <td>Michael Zajack</td> <td>03/24/2005</td> </tr> </tbody> </table> | | Name | Execution Date | William J. Frasier | 03/24/2005 | Connie P. Marchek | 03/25/2005 | Timothy Beardsley | 03/21/2005 | Michael Zajack | 03/24/2005 |
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| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>DePuy Spine, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>325 Paramount Drive</td> </tr> <tr> <td>City:</td> <td>Raynham</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02767-0350</td> </tr> </table> | | Name: | DePuy Spine, Inc. | Street Address: | 325 Paramount Drive | City: | Raynham | State/Country: | MASSACHUSETTS | Postal Code: | 02767-0350 |
| Name: | DePuy Spine, Inc. | | | | | | | | | | |
| Street Address: | 325 Paramount Drive | | | | | | | | | | |
| City: | Raynham | | | | | | | | | | |
| State/Country: | MASSACHUSETTS | | | | | | | | | | |
| Postal Code: | 02767-0350 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <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>12582933</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12582933 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 12582933 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (617)742-4214</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 617-227-7400</p> <p>Email: lea@lahive.com</p> <p>Correspondent Name: Kevin J. Canning</p> <p>Address Line 1: LAHIVE & COCKFIELD, LLP FLOOR 30</p> <p>Address Line 2: ONE POST OFFICE SQUARE</p> <p>Address Line 4: BOSTON, MASSACHUSETTS 02109</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | DUQ-010CN(DEP5441CNT1) | | | | | | | | | | |
| NAME OF SUBMITTER: | Kevin J. Canning | | | | | | | | | | |
| Total Attachments: 5 | | | | | | | | | | | |

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PATENT
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ASSIGNMENT BY INVENTORS

WE, William J. FRASIER; Connie P. MARCHEK; Timothy BEARDSLEY; and Michael ZAJACK, of New Bedford, Massachusetts; Foxboro, Massachusetts; Kingston, Massachusetts; and Marshfield, Massachusetts, respectively, in consideration of One Dollar and other valuable consideration paid to us by

DePuy Spine, Inc.

a Corporation of Ohio, having its principal place of business at 325 Paramount Drive, Raynham, Massachusetts 02767-0350, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

DePuy Spine, Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

RETRACTOR BLADE EXTENDER TOWER

described in an application

☐ Executed by us of even date herewith and about to be filed

or

☒ Application No. 11/014,615, filed on December 15, 2004

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said Corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said Corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

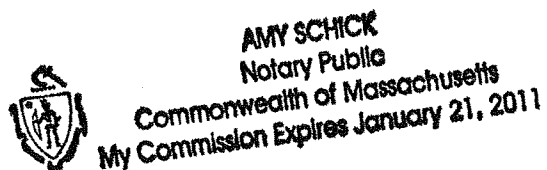
William J. Frasier
William J. Frasier

Date: March 24, 2005

United States of America)
Commonwealth of Massachusetts) ss.:
County of Bristol)

On this 24th day of March, 2005 before me, the
the undersigned notary public, personally appeared William J. Frasier
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known to me, to be the person whose name
is signed on the preceding or attached document in my presence.

Amy Schick (official signature and seal of notary)
My commission expires 1-21-2011





Connie P. Marchek

Date: 03/25/05

United States of America)
Commonwealth of Massachusetts) ss.:
County of Bristol)

On this 25th day of March, 2005 before me, the
the undersigned notary public, personally appeared Connie P Marchek
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known to me, to be the person whose name
is signed on the preceding or attached document in my presence.

Amy Schick (official signature and seal of notary)
My commission expires 1-21-2011



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

Timothy Beardsley
Timothy Beardsley

Date: 3/21/05

United States of America)
Commonwealth of Massachusetts) ss.:
County of Bristol)

On this 21st day of March, 2005 before me, the
the undersigned notary public, personally appeared Timothy Beardsley
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known to me, to be the person whose name
is signed on the preceding or attached document in my presence.

Amy Schick (official signature and seal of notary)
My commission expires 1-21-2011



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

Michael Zajack
Michael Zajack

Date: 8/24/05

United States of America)
Commonwealth of Massachusetts) ss.:
County of Bristol)

On this 24th day of March, 2005 before me, the
the undersigned notary public, personally appeared Michael Zajack
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known to me, to be the person whose name
is signed on the preceding or attached document in my presence.

Amy Schick (official signature and seal of notary)
My commission expires 1-21-2011



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