

Form PTO-1595 (Rev. 08/05)
OMB No. 0651-0027 (exp. 8/30/2008)

U.S. DEPARTMENT OF COMMERCE
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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):
Sara DZIEDZIC (10/17/2006), Michael MAHONEY (10/25/2006), and Ramon RUBERTE (10/20/2006)

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: DePuy Spine, Inc.

Internal Address: _____

Street Address: _____

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

Assignment Merger Change of Name

Security Agreement Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other _____

325 Paramount Drive

City: Raynham

State: Massachusetts

Country: United States of America Zip: 02767-0350

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

A. Patent Application No.(s)

11/496,564

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Kevin J. Canning
LAHIVE & COCKFIELD, LLP

Internal Address: Atty. Dkt.: DUQ-027(DEP5754)

Street Address: One Post Office Square

City: Boston

State: MA Zip: 02109-2127

Phone Number: (617) 227-7400

Fax Number: (617) 742-4214

Email Address: _____

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

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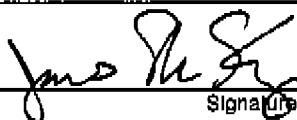
a. Credit Card Last 4 Numbers _____

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b. Deposit Account Number 12-0080

Authorized User Name James M. McKenzie

9. Signature:


Signature

April 4, 2007

Date

James M. McKenzie, Esq. - 51,146

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

6

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (871) 273-0140 at MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1490, Alexandria, VA 22313-1450, on the date shown below.

Dated: April 4, 2007

Signature:  (James M. McKenzie, Esq.)

CH \$40.00 120080 11496584

DUQ-027 (DEP5754)

ASSIGNMENT BY INVENTORS

WE, Sara DZIEDZIC; Michael MAHONEY; and Ramon RUBERTE, of Dorchester, Massachusetts; Middletown, Rhode Island; and Ann Arbor, Michigan, 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

SPINAL FUSION IMPLANT

described in an application

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

or

Application No. 11/469,564, filed on July 31, 2006

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.

And we do further hereby grant the attorneys/agents of Lahive & Cockfield, LLP, the power to insert on this Assignment the filing date and/or application number of said application.

DUQ-027 (DEP5754)


Sara Dziezic

Date: 17-OCT-06

United States of America)
State of Massachusetts)
County of Bristol)

On this 17 day of October, 2006 before me, the
the undersigned notary public, personally appeared Sara Dziezic
(name of document signer), proved to me through satisfactory evidence of identification,
^{who is} ~~which was~~ personally known, to be the person whose name
is signed on the preceding or attached document in my presence.

Amy Pelletier (official signature and seal of notary)

My commission expires 1-21-2011



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

DUQ-027 (DEP5754)

Michael Mahoney
Michael Mahoney


Date: 10/25/06

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

On this 25 day of October, 2006 before me, the
the undersigned notary public, personally appeared Michael Mahoney
(name of document signer), proved to me through satisfactory evidence of identification,
~~which~~ ^{who is} personally known, to be the person whose name
is signed on the preceding or attached document in my presence.

Amy Pelletier (official signature and seal of notary)

My commission expires 1-21-2011

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

DUQ-027 (DEP5754)

Ramon Ruberte
Ramon Ruberte

Date: 10/20/06

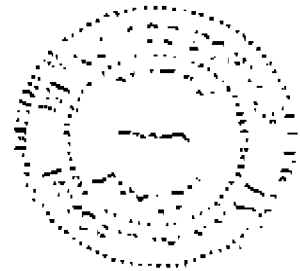
United States of America)
State of Michigan) ss.:
County of Washtenaw)

On this 20th day of October, 2006 before me, the
the undersigned notary public, personally appeared Ramon Ruberte
(name of document signer), proved to me through satisfactory evidence of identification,
which was MI Drivers License R163730 041751, to be the person whose name
is signed on the preceding or attached document in my presence.

Lynn A. McCain (official signature and seal of notary)

My commission expires Mar. 12, 2008

Lynn A. McCain
Notary Public, Washtenaw County, MI
My Commission Expires Mar. 12, 2008



KEVIN J. CANNING COMPANY:LAHIVE & COCKFIELD, LLP



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 05, 2007

PTAS - LW

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KEVIN J. CANNING
LAHIVE & COCKFIELD, LLP
ONE POST OFFICE SQUARE
BOSTON, MA 02109-2127

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 04/04/2007

REEL/FRAME: 019123/0884
NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: DUQ-027 (DEP5754)

ASSIGNOR:
DZIEDZIC, SARA

DOC DATE: 10/17/2006

ASSIGNOR:
MAHONEY, MICHAEL

DOC DATE: 10/25/2006

ASSIGNOR:
RUBERTE, RAMON

DOC DATE: 10/20/2006

ASSIGNEE:
DEPUY SPINE, INC.
325 PARAMOUNT DRIVE
RAYNHAM, MASSACHUSETTS 02787-0350

SERIAL NUMBER: 11498564

FILING DATE: 08/03/2006

Should be
11496564

07/31/2006

KEVIN J. CANNING COMPANY:LAHIVE & COCKFIELD, LLP



PATENT NUMBER: _____ ISSUE DATE: _____
TITLE: ROOFING GRANULES OF ENHANCED SOLAR REFLECTANCE

SPINAL FUSION IMPLANT

019123/0884 PAGE 2

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

FAX TRANSMISSION**DATE:** April 17, 2007**PTO IDENTIFIER:** Application Number 11/496,564-Conf. #4876
Patent Number**Inventor:** Ronald GARNER et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (571) 273-0140**FROM:** LAHIVE & COCKFIELD, LLP
James M. McKenzie, Esq.**PHONE:** (617) 227-7400**Attorney Dkt. #:** DUQ-027(DEP5754)**PAGES (Including Cover Sheet):** 10**CONTENTS:**

Copy of Notice of Recordation with Errors Marked (2 pages)
 Copy of Recordation Form Cover Sheet As Originally Filed (1 page)
 Copy of Assignment As Originally Filed (5 pages)
 Certificate of Transmission (1 page)

Please note that the Notice of Recordation of Assignment issued on April 5, 2007, by the U.S. Patent and Trademark Office for the above-identified patent application contains an error in the application serial number. The serial number appears on the Notice as "11498564" and should correctly appear as "11496564". Attached herewith please find a copy of the Notice of Recordation of Assignment with the correction marked, as well as a copy of the Assignment document and Recordation Form Cover Sheet, as originally faxed for Recordation on April 4, 2007, with the correct application serial number noted. Please correct the Notice of Recordation of Assignment to reflect the corrected application serial number (and the corresponding corrected filing date and title, accordingly).

If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (617) 227-7400 and send the original transmission to us by return mail at the address below.

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 Telephone: (617) 227-7400 Facsimile: (617) 742-4214

PTO/SB/B7 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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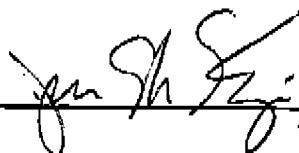
Application No. (if known): 11/496,564

Attorney Docket No.: DUQ-027(DEP5754)

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Signature

James M. McKenzie, Esq.

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51,146

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