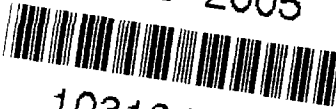


12-13-2005



103134997

To the Director of the U.S. Patent and Trademark Office.

cuments or the new address(es) below.

1. Name of conveying party(ies):

Steven Ludwig (11/10/2005), Mark T. Hall  
(11/21/2005), and Thomas V. Doherty  
(12/05/2005)

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

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

2. Name and address of receiving party(ies)

Name: DePuy Spine, Inc.

Internal Address:

Street Address:

325 Paramount Drive

City: Raynham

State: Massachusetts

Country: United States of America Zip: 02767

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/162,934

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Lisa Adams  
NUTTER MCCLENNEN & FISH LLP

Internal Address: Atty. Dkt.: 101896-0367

Street Address: World Trade Center West  
155 Seaport Boulevard

City: Boston

State: MA Zip: 02210-2604

Phone Number: (617) 439-2000

Fax Number: (617) 310-9550

Email Address:

6. Total number of applications and patents involved:

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)

8. Payment Information

a. Credit Card Last 4 Numbers  
Expiration Date

b. Deposit Account Number  
Authorized User Name

9. Signature:

Signature

December 6, 2005

Date

Lisa Adams - 44,238

Name of Person Signing

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

5

Recordation Form Cover Sheet

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Assignment Recordation Services, Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date shown below.

Dated: December 6, 2005

Signature: (Lisa Adams)

12/09/2005 6T0M11 00000096 11162934

40.00 DP

01 FC-8021

**ASSIGNMENT**

We, Steven Ludwig of Baltimore, Maryland, Mark T. Hall of Bridgewater, Massachusetts, and Thomas V. Doherty of Latham, New York, 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, MA 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

**ROD ATTACHMENT FOR HEAD TO HEAD CROSS CONNECTOR**

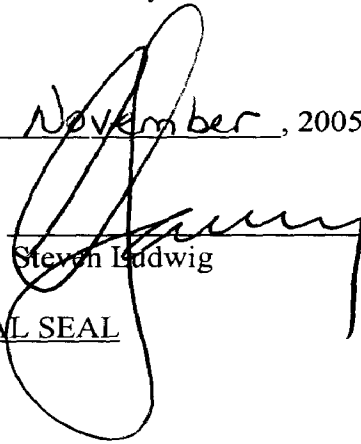
described in U.S. Application filed in the United States Patent and Trademark Office on **September 28, 2005**, identified as **Atty. Docket No.: 101896-367 (DEP5181CIP)** and assigned application serial no. **11/162,934**, and in all Letters Patent of the United States and all foreign countries which 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.

In testimony of which I have executed this Assignment as an instrument under seal on the date indicated next to my name.

[SIGNATURES ON NEXT PAGES]

WITNESS my hand and seal this 10<sup>th</sup> day of November, 2005.

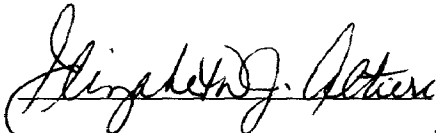
By:   
Steven Ludwig

NOTARIAL SEAL

State/Commonwealth of: Maryland

County of: Baltimore City

On this 10<sup>th</sup> day of November, 2005 before me, the undersigned notary public, personally appeared Steven Ludwig (name of document signer), proved to me through satisfactory evidence of identification, which were self, to be the person whose name is signed on the preceding or attached document, and Acknowledged to me that he signed it voluntarily for its stated purpose.

 (official signature and seal of notary)

My Commission Expires: 4-1-09

[ADDITIONAL SIGNATURES ON NEXT PAGES]

WITNESS my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

By: \_\_\_\_\_  
Steven Ludwig

NOTARIAL SEAL

State/Commonwealth of: \_\_\_\_\_

County of: \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2005 before me, the undersigned notary public, personally appeared Steven Ludwig (name of document signer), who is personally known to me to be the person whose name is signed on the preceding or attached document, and Acknowledged to me that he signed it voluntarily for its stated purpose.

\_\_\_\_\_ (official signature and seal of notary)

My Commission Expires: \_\_\_\_\_

WITNESS my hand and seal this 21 day of November, 2005.

By: \_\_\_\_\_  
Mark T. Hall

NOTARIAL SEAL

State/Commonwealth of: Massachusetts

County of: Bristol

On this 21 day of November, 2005 before me, the undersigned notary public, personally appeared Mark T. Hall (name of document signer), who is personally known to me to be the person whose name is signed on the preceding or attached document, and Acknowledged to me that he signed it voluntarily for its stated purpose.

Amy Shuck (official signature and seal of notary)

My Commission Expires: 1-21-2011

WITNESS my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

Atty. Docket No.: 101896-367 (DEP5181CIP)

WITNESS my hand and seal this 5<sup>th</sup> day of December, 2005.By: Thomas V. Doherty

Thomas V. Doherty

State/Commonwealth of: New York NOTARIAL SEAL  
County of: Rensselaer

On this 5<sup>th</sup> day of December, 2005 before me, the undersigned notary public,  
personally appeared Thomas V. Doherty (name of document signer), proved to  
me through satisfactory evidence of identification, which were NY's Drivers License,  
to be the person whose name is signed on the preceding or attached document, and  
Acknowledged to me that he signed it voluntarily for its stated purpose.

Eleanor F. Meyer (official signature and seal of notary)My Commission Expires: March 30, 2007

1475895.1

ELEANOR F. MEYER

Notary Public, State of New York

Residing in Albany County

Commission Expires Mar. 30, 2007

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2007