

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																				
NATURE OF CONVEYANCE:	ASSIGNMENT																				
CONVEYING PARTY DATA																					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Brian W. McKinnon</td> <td>07/18/2012</td> </tr> <tr> <td>Ruxandra Cristiana Tanasoca</td> <td>07/18/2012</td> </tr> <tr> <td>Randy C. Winebarger</td> <td>07/19/2012</td> </tr> <tr> <td>William L. Bowers, Jr.</td> <td>07/19/2012</td> </tr> <tr> <td>James B. Wiebe</td> <td>07/19/2012</td> </tr> <tr> <td>Nathaniel M. Lenz</td> <td>07/18/2012</td> </tr> <tr> <td>Zachary C. Wilkinson</td> <td>07/20/2012</td> </tr> <tr> <td>Sean M. Haddock</td> <td>07/18/2012</td> </tr> <tr> <td>Ryan L. Landon</td> <td>07/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Brian W. McKinnon	07/18/2012	Ruxandra Cristiana Tanasoca	07/18/2012	Randy C. Winebarger	07/19/2012	William L. Bowers, Jr.	07/19/2012	James B. Wiebe	07/19/2012	Nathaniel M. Lenz	07/18/2012	Zachary C. Wilkinson	07/20/2012	Sean M. Haddock	07/18/2012	Ryan L. Landon	07/19/2012
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<table border="1"> <tr> <td>Name:</td> <td>Smith & Nephew, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1450 Brooks Road</td> </tr> <tr> <td>City:</td> <td>Memphis</td> </tr> <tr> <td>State/Country:</td> <td>TENNESSEE</td> </tr> <tr> <td>Postal Code:</td> <td>38116</td> </tr> </table>		Name:	Smith & Nephew, Inc.	Street Address:	1450 Brooks Road	City:	Memphis	State/Country:	TENNESSEE	Postal Code:	38116										
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PROPERTY NUMBERS Total: 1																					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US2011047775</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2011047775																
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PCT Number:	US2011047775																				
CORRESPONDENCE DATA																					
Fax Number:	9013991528																				
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																					
Phone:	9013995009																				
Email:	judy.hays@smith-nephew.com																				
Correspondent Name:	Judy Hays																				
Address Line 1:	1450 Brooks Road																				
Address Line 4:	Memphis, TENNESSEE 38116																				

CH \$40.00 US2011047775

ATTORNEY DOCKET NUMBER:	PT3836WOPCT
NAME OF SUBMITTER:	Judy Hays
<p>Total Attachments: 12</p> <p>source=PT3836WOPCTAssignment#page1.tif</p> <p>source=PT3836WOPCTAssignment#page2.tif</p> <p>source=PT3836WOPCTAssignment#page3.tif</p> <p>source=PT3836WOPCTAssignment#page4.tif</p> <p>source=PT3836WOPCTAssignment#page5.tif</p> <p>source=PT3836WOPCTAssignment#page6.tif</p> <p>source=PT3836WOPCTAssignment#page7.tif</p> <p>source=PT3836WOPCTAssignment#page8.tif</p> <p>source=PT3836WOPCTAssignment#page9.tif</p> <p>source=PT3836WOPCTAssignment#page10.tif</p> <p>source=PT3836WOPCTAssignment#page11.tif</p> <p>source=PT3836WOPCTAssignment#page12.tif</p>	

ASSIGNMENT

WHEREAS, We, Brian W. McKinnon, Ruxandra Cristiana Marinescu Tanasoca, Randy C. Winebarger, William L. Bowers, Jr., James B. Wiebe, III, Nathaniel M. Lenz, Zachary C. Wilkinson, Sean M. Haddock, and Ryan L. Landon, (hereinafter ASSIGNORS), have invented certain inventions and improvements disclosed in the applications for letters patent described in Schedule A (collectively, the Applications);

WHEREAS, Smith & Nephew, Inc., a corporation of the State of Delaware, having a principal place of business at 1450 Brooks Road, Memphis, Tennessee 38116 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the inventions and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said inventions, said applications, any applications claiming priority thereto and any and all letters patent which may be granted for said inventions in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States applications to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said inventions, applications and all letters patent on said inventions to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents to issue all letters patent on said inventions to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of

ASSIGNMENT

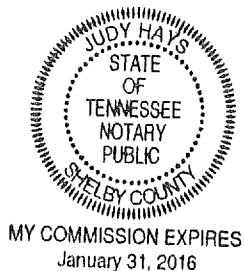
applications for United States and foreign letters patent on said inventions, for litigation regarding said letters patent, or for the purpose of protecting title to said inventions or letters patent therefor.

B. W. McKinnon 7-18-12
Brian W. McKinnon

STATE OF TENNESSEE

Before me, a Notary Public in and for the State of Tennessee, on this 18 day of July, 2012, personally appeared Brian W. McKinnon, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)



Judy Hays
NOTARY PUBLIC
My Commission Expires: 1-31-2016

ASSIGNMENT

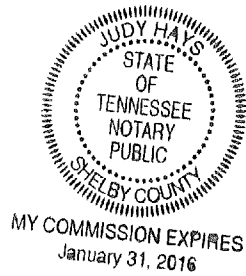
Ruxandra

Ruxandra Cristiana Marinescu Tanasoca

STATE OF TENNESSEE

Before me, a Notary Public in and for the State of Tennessee, on this 18 day of July, 2012, personally appeared Ruxandra Cristiana Marinescu Tanasoca, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)



Judy Hays

NOTARY PUBLIC

My Commission Expires: 1/31/2016

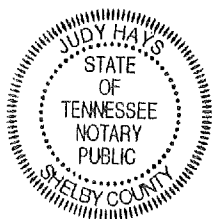
ASSIGNMENT


Randy C. Winebarger

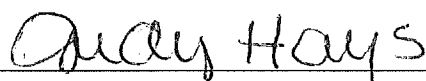
STATE OF TENNESSEE

Before me, a Notary Public in and for the State of Tennessee, on this 19 day of July, 2012, personally appeared Randy C. Winebarger, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

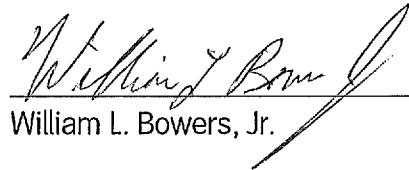
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MY COMMISSION EXPIRES
January 31, 2016


NOTARY PUBLIC
My Commission Expires: 1-31-2016

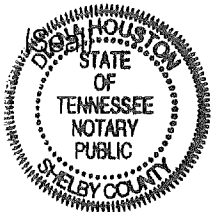
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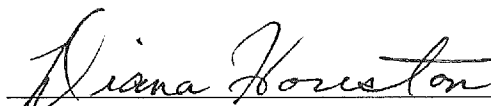


William L. Bowers, Jr.

STATE OF TENNESSEE

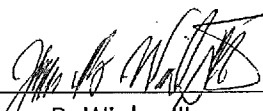
Before me, a Notary Public in and for the State of Tennessee, on this 14 day of July, 2012, personally appeared William L. Bowers, Jr., who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.





NOTARY PUBLIC
My Commission Expires: 10-25-2015

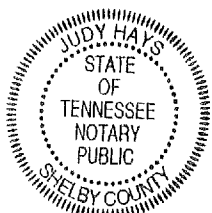
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James B. Wiebe III

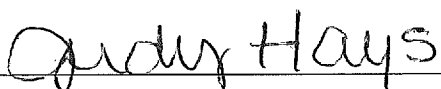
STATE OF TENNESSEE

Before me, a Notary Public in and for the State of Tennessee, on this 19 day of July, 2012, personally appeared James B. Wiebe III, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)



MY COMMISSION EXPIRES
January 31, 2016


NOTARY PUBLIC
My Commission Expires: 1-31-2016

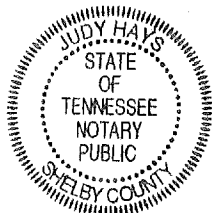
ASSIGNMENT

Nathaniel M. Lenz
Nathaniel M. Lenz

STATE OF TENNESSEE

Before me, a Notary Public in and for the State of Tennessee, on this 18 day of July, 2012, personally appeared Nathaniel M. Lenz, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)



MY COMMISSION EXPIRES
January 31, 2016

Judy Hays
NOTARY PUBLIC
My Commission Expires: 1/31/2016

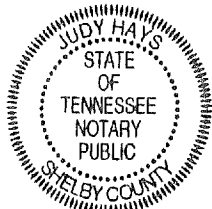
ASSIGNMENT

Zachary C. Wilkinson
Zachary C. Wilkinson

STATE OF TENNESSEE

Before me, a Notary Public in and for the State of Tennessee, on this 30 day of July, 2012, personally appeared Zachary C. Wilkinson, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

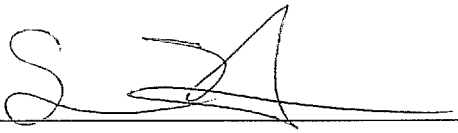
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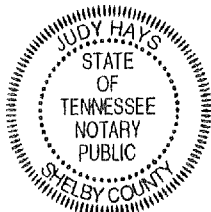
ASSIGNMENT


Sean M. Haddock

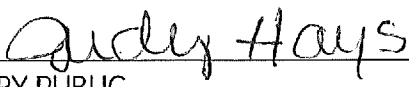
STATE OF TENNESSEE

Before me, a Notary Public in and for the State of Tennessee, on this 18 day of July, 2012, personally appeared Sean M. Haddock, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)



MY COMMISSION EXPIRES
January 31, 2016


NOTARY PUBLIC
My Commission Expires: 1-31-2016

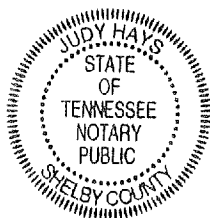
ASSIGNMENT

Ryan L. Landon
Ryan L. Landon

STATE OF TENNESSEE

Before me, a Notary Public in and for the State of Tennessee, on this 19 day of July, 2012, personally appeared Ryan L. Landon, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)



MY COMMISSION EXPIRES
January 31, 2016

Judy Hays
NOTARY PUBLIC
My Commission Expires: 1-31-2016

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SCHEDULE A

Serial Number	Filing Date	Title	Reference Number
61/509,928	July 20, 2011	Systems and Methods for Optimizing Fit of an Implant To Anatomy	PT-4000-US-PSP
61/511,713	July 26, 2011	Systems and Methods for Optimizing Fit of an Implant To Anatomy	PT-4000-US-PSP[2]
61/373,646	August 13, 2010	Method of Developing a Patient-Matched Algorithm for Knee Design	PT-3836-US-PSP
61/482,843	May 5, 2011	Optimization Systems and Methods for Orthopaedic Systems	PT-3836-US-PSP[2]
PCT/US2011/047775	August 15, 2011	Systems and Methods for Optimizing Parameters of Orthopaedic Procedures	PT-3836-WO-PCT
PCT/US2011/047784	August 15, 2011	Systems and Methods for Optimizing Parameters of Orthopaedic Procedures	PT-3836-WO-PCT[2]
	July 20, 2012	Systems and Methods for Optimizing Fit of an Implant To Anatomy	PT-4000-WO-PCT

ASSIGNMENT

Accepted by:

SMITH & NEPHEW, INC.

A handwritten signature in black ink, appearing to read 'Mark Gorman', is written over a horizontal line.

By: Mark Gorman
Title: Associate General Counsel
Intellectual Property