

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>Sied W. Janna</td> <td>12/13/2012</td> </tr> <tr> <td>Nicholas S. Ritchey</td> <td>01/03/2013</td> </tr> <tr> <td>Graham Ralph Keltner</td> <td>01/14/2013</td> </tr> <tr> <td>Henry B. Faber</td> <td>12/13/2012</td> </tr> <tr> <td>Kohsuke Watanabe</td> <td>12/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sied W. Janna	12/13/2012	Nicholas S. Ritchey	01/03/2013	Graham Ralph Keltner	01/14/2013	Henry B. Faber	12/13/2012	Kohsuke Watanabe	12/13/2012
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RECEIVING PARTY DATA													
Name:	Smith & Nephew, Inc.												
Street Address:	1450 Brooks Road												
City:	Memphis												
State/Country:	TENNESSEE												
Postal Code:	38116												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13701548</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13701548								
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CORRESPONDENCE DATA													
Fax Number:	8777697945												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	202-783-5070												
Email:	apsi@fr.com												
Correspondent Name:	Smith & Nephew, Inc. Diana Houston												
Address Line 1:	1450 Brooks Road												
Address Line 4:	Memphis, TENNESSEE 38116												
ATTORNEY DOCKET NUMBER:	22412-0042US1												
NAME OF SUBMITTER:	Shelley M. Taylor												
Total Attachments: 7													

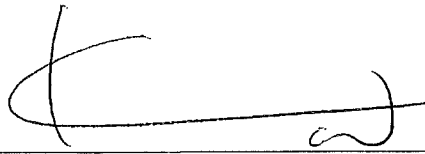
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ASSIGNMENT

For valuable consideration, we, Sied W. Janna, of 2365 N. Strathmore, Memphis, TN 38112; Nicholas S. Ritchey, of 285 Cedar Post Drive, Collierville, TN 38017; Graham Ralph Keltner, of 900 Malone Road North, Hernando, MS 38632; Henry B. Faber, of 1549 Massey Pointe Lane, Memphis, TN 38120; Kohsuke Watanabe, of 1208 Harbor River Drive, Memphis, TN 38103; hereby assign to SMITH & NEPHEW, INC., a corporation of Delaware, having a place of business at 1450 Brooks Road, Memphis, TN 38116, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled ORTHOPAEDIC IMPLANTS, filed December 3, 2012, and assigned U.S. Serial Number 13/701,548, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 12/13/12

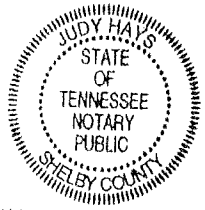


KOHSUKE WATANABE

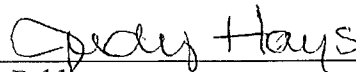
STATE OF Tennessee)
) SS.
COUNTY OF Shelby)

On Dec 13 2012, before me, the undersigned, a notary public for the State of Tennessee, there personally appeared KOHSUKE WATANABE personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.



MY COMMISSION EXPIRES
January 31, 2016



Notary Public

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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