

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>Rafal Z. Jezierski</td> <td>05/03/2012</td> </tr> <tr> <td>Brian Joseph Loreth</td> <td>05/03/2012</td> </tr> <tr> <td>Cemal Shener-Irmakoglu</td> <td>05/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Rafal Z. Jezierski	05/03/2012	Brian Joseph Loreth	05/03/2012	Cemal Shener-Irmakoglu	05/03/2012
Name	Execution Date								
Rafal Z. Jezierski	05/03/2012								
Brian Joseph Loreth	05/03/2012								
Cemal Shener-Irmakoglu	05/03/2012								
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>13472895</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13472895				
Property Type	Number								
Application Number:	13472895								
CORRESPONDENCE DATA									
Fax Number:	(508)616-9661								
Phone:	508-616-9660								
Email:	docket@chapin-ip-law.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Barry W. Chapin, Chapin IP Law, LLC								
Address Line 1:	352 Turnpike Road, Suite 110								
Address Line 4:	Southborough, MASSACHUSETTS 01772								
ATTORNEY DOCKET NUMBER:	SNI12-19(PT-4109-US-NP)								
NAME OF SUBMITTER:	Barry Gaiman								
Total Attachments: 6 source=SNI12-19-EXECUTED-Assignment-RAFAL#page1.tif									

OP \$40.00 13472895

source=SNI12-19-EXECUTED-Assignment-RAFAL#page2.tif
source=SNI12-19-executed-assignment-brian#page1.tif
source=SNI12-19-executed-assignment-brian#page2.tif
source=SEN12-19-EXECUTED-ASSIGNMENT-CEMAL#page1.tif
source=SEN12-19-EXECUTED-ASSIGNMENT-CEMAL#page2.tif

ASSIGNMENT

For valuable consideration, I, Rafal Z. Jezierski, of 143 Boston Street, Middleton, MA 01949, 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 me, entitled Reusable Blade Hub Assembly, filed May 16, 2012, and assigned U.S. Serial Number 13/472,895, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; 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 I 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 I agree for myself and my 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.

ASSIGNMENT

For valuable consideration, I, Brian Joseph Loreth, of 70 Hill View Road, Braintree, MA 02184 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 me, entitled Reusable Blade Hub Assembly, filed May 16, 2012 , and assigned U.S. Serial Number 13/472,895 , and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; 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 I 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 I agree for myself and my 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.

IN WITNESS WHEREOF, I hereto set my hand and seal at Andover, MA on this 3rd day of May, 2012.

Brian Joseph Loreth, L.S.
Brian Joseph Loreth

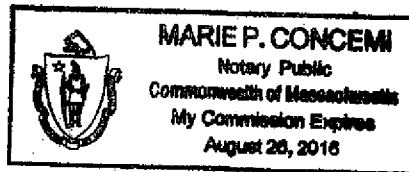
STATE OF MASS)
COUNTY OF ESSEX) SS.

On MAY 3, 2012, before me, the undersigned, a notary public for the State of Massachusetts there personally appeared Brian Joseph Loreth 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.

Marie P. Concemi
Notary Public
My Commission Expires:

[Notary Seal Here]



ASSIGNMENT

For valuable consideration, I, Cemal Shener-Irmakoglu, of 37 Sylvanus Wood Lane, Woburn, MA 01801 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 me, entitled Reusable Blade Hub Assembly, filed May 16, 2012, and assigned U.S. Serial Number 13/472,895, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; 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 I 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 I agree for myself and my 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.

