

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tatsuya Arai	03/02/2012
Matthew Edwin Koski	03/02/2012
RECEIVING PARTY DATA	
Name:	Smith & Nephew, Inc.
Street Address:	1450 Brooks Road
City:	Memphis
State/Country:	TENNESSEE
Postal Code:	38116
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13416584
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
Phone:	(202) 783-5070
Email:	apsi@fr.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:	Phyllis K. Kristal
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	00167-0710001
NAME OF SUBMITTER:	Edward G. Faeth
Total Attachments: 3 source=0016-0710001 Assmt for Recordation#page1.tif source=0016-0710001 Assmt for Recordation#page2.tif source=0016-0710001 Assmt for Recordation#page3.tif	

CH \$40.00 13416584

ASSIGNMENT

For valuable consideration, we, Tatsuya Arai, 80 Hope Ave., Apt. 417, Waltham, MA 02453; and Matthew Edwin Koski, of 5 Webber Road, Westford, MA 01886; 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 Suture-Based Knotless Anchor, filed on March 9, 2012, and assigned U.S. Serial Number 13/416,584, and we 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 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.

IN WITNESS WHEREOF, I hereto set my hand and seal at Sharon Credit Union on this
2nd day of March, 2012.

Tatsuya Arai, L.S.
Tatsuya Arai

STATE OF MA)
COUNTY OF Bristol) SS.

On MARCH 2, 2012, before me, the undersigned, a notary public for the State
of Massachusetts there personally appeared Tatsuya Arai 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.

[Signature]
Notary Public
My Commission Expires:

[Notary Seal Here]



DONALD A. CAVE
Notary Public
Commonwealth of Massachusetts
My Commission Expires
August 25, 2017

IN WITNESS WHEREOF, I hereto set my hand and seal at Shen Credit Union on this
7 day of March, 2012.

Matthew E Koski, L.S.
Matthew Edwin Koski

STATE OF MA)
COUNTY OF Bristol) SS.

On March 2, 2012, before me, the undersigned, a notary public for the State
of Massachusetts, there personally appeared Matthew Edwin Koski 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.

[Signature]
Notary Public
My Commission Expires:

[Notary Seal Here]



DONALD A. CAVE
Notary Public
Commonwealth of Massachusetts
My Commission Expires
August 25, 2017