

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Charles H. Brown Jr.	05/14/2003
Bernard J. Bourque	05/14/2003
Rebecca A. Blough	05/14/2003
Michael C. Ferragamo	05/14/2003
Raymond A. Bojarski	05/15/2003
Paul Alexander Torrie	06/05/2003
Ben K. Graf	05/16/2003
Fraser Harvie	06/11/2003
Steve Ek	05/28/2003

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:	11866917

CORRESPONDENCE DATA

Fax Number: (877)769-7945
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: (202) 626-6393
 Email: apsi@fr.com
 Correspondent Name: Roberto J. Devoto
 Address Line 1: FISH & RICHARDSON P.C.
 Address Line 2: P.O.BOX 1022

CH \$40.00 11866917

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:

00167-469002

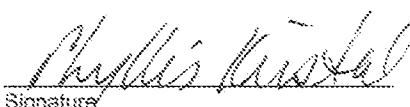
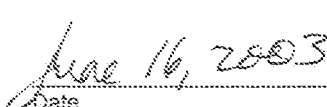
NAME OF SUBMITTER:

Kimberly Bailey

Total Attachments: 11

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RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Charles H. Brown, Jr., MD, Bernard J. Bourque, Rebecca A. Blough, Michael C. Ferragamo, Raymond A. Bojarski, Paul (Alec) Torrie, Ben K. Graf, Fraser Harvie and Steve Ek Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Smith & Nephew, Inc. 150 Minuteman Road Andover, MA 01810 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 05/14/2003; 05/14/2003; 05/14/2003; 05/14/2003; 05/15/2003; 06/05/2003; 05/16/2003; 06/11/2003; 05/28/2003	4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 10/357,500 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name/address of party to whom correspondence concerning document should be mailed: PHYLLIS K. KRISTAL Fish & Richardson P.C. 1425 K Street, N.W. 11th Floor Washington, DC 20005-3500	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>	
Phyllis K. Kristal Rec. No. 38,524 Name of Person Signing	 Signature  Date
Total number of pages including coversheet, attachments and document: 10	

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ASSIGNMENT

For valuable consideration, we, CHARLES H. BROWN, JR., MD of 15 Cedar Street Wellesley, MA 02181, BERNARD J. BOURQUE of 17 Fremont Street Taunton, MA 02780, REBECCA A. BLOUGH of 40 Crossing Drive, Apt. 103 Cumberland, RI 02864, MICHAEL C. FERRAGAMO of 2355 Old Wellington Street Dighton, MA 02715, RAYMOND A. BOJARSKI of 32 Colleens Way Attleboro, Massachusetts 02703, PAUL ALEXANDER TORRIE of 8 Bowden Street Marblehead, MA 01945, BEN K. GRAF of 135 N. Prospect Street Madison, WI 53792, FRASER HARVIE of 33 Loch Striven, St. Leonards, East Kilbride, United Kingdom, STEVE EK of 49 Powder Hill Road Bolton, MA 01740, hereby assign to Smith & Nephew, Inc., a corporation of Delaware having a place of business at 150 Minuteman Road Andover, MA 01810; 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 SHEATHS FOR IMPLANTABLE FIXATION DEVICES, filed February 4, 2003, and assigned U.S. Serial Number 10/357,500, 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 Mansfield,
this 14th day of May, 2003

Charles H. Brown, Jr. L.S.
CHARLES H. BROWN, JR., MD

State of Massachusetts :

: ss.

County of Bristol :

Before me this 14th day of May, 2003, personally
appeared CHARLES H. BROWN, JR., MD known to me to be the person whose name is
subscribed to the foregoing Assignment and acknowledged that he executed the same as his free
act and deed for the purposes therein contained.

Lucille E. Foley
Notary Public

My Commission Expires: April 14, 2006

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at MANSFIELD,
this 14 day of MAY, 2003
Bernard J. Bourque L.S.
BERNARD J. BOURQUE

State of MASSACHUSETTS :
: ss.
County of BRISTOL :

Before me this 14th day of May, 2003, personally
appeared BERNARD J. BOURQUE known to me to be the person whose name is subscribed to
the foregoing Assignment and acknowledged that he executed the same as his free act and deed
for the purposes therein contained.

Lucille E. Foley
Notary Public
My Commission Expires: April 14, 2006

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at MANFIELD,
this 14 day of May, 2003
Rebecca A. Blough L.S.
REBECCA A. BLOUGH

State of MASSACHUSETTS :
: ss.
County of BRISTOL :

Before me this 14th day of May, 2003, personally
appeared REBECCA A. BLOUGH known to me to be the person whose name is subscribed to
the foregoing Assignment and acknowledged that he executed the same as his free act and deed
for the purposes therein contained.

Louise E. Foley
Notary Public
My Commission Expires: April 14, 2006

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Mansfield,
this 14th day of MAY, 2003
Michael C Ferragamo L.S.
MICHAEL C. FERRAGAMO

State of Massachusetts:

: ss.

County of Bristol :

Before me this 14th day of May, 2003, personally
appeared MICHAEL C. FERRAGAMO known to me to be the person whose name is
subscribed to the foregoing Assignment and acknowledged that he executed the same as his free
act and deed for the purposes therein contained.

Lucille E. Foley
Notary Public

My Commission Expires: April 14, 2006

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Mansfield,
this 15 day of May, 2003
Raymond A. Bojarski L.S.
RAYMOND A. BOJARSKI

State of Massachusetts :
: ss.
County of Bristol :

Before me this 15th day of May, 2003, personally
appeared RAYMOND A. BOJARSKI known to me to be the person whose name is subscribed
to the foregoing Assignment and acknowledged that he executed the same as his free act and
deed for the purposes therein contained.

Lucille E. Foley
Notary Public
My Commission Expires: April 11, 2006

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at ANDOVER, MA,
this 5TH day of JUNE, 20 03
Paul A. Torrie L.S.
PAUL ALEXANDER TORRIE

State of MASS :
: ss.
County of ESSEX :

Before me this 5th day of June, 20 03, personally
appeared PAUL ALEXANDER TORRIE known to me to be the person whose name is
subscribed to the foregoing Assignment and acknowledged that he executed the same as his free
act and deed for the purposes therein contained.

Trouie P. Conneri
Notary Public
My Commission Expires: 9/18/05

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Marblehead
this 16 day of May, 2005
[Signature] L.S.
BEN K. GRAF

State of Massachusetts :
: ss.

County of Brock :

Before me this 16th day of May, 2005, personally
appeared BEN K. GRAF known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

[Signature]
Notary Public
My Commission Expires: April 14, 2006

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Worcester, MA

this 11th day of June, 2003

[Signature]
FRASER HARVIE L.S.

State of Massachusetts

: ss.

County of Worcester

Before me this 11th day of June, 2003, personally appeared FRASER HARVIE known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

[Signature]
Notary Public
My Commission Expires: April 11, 2004

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Manchester
this 28th day of May, 2003
[Signature] L.S.
STEVE EK

State of Manchester :
: ss.
County of Berk :

Before me this 28th day of May, 2003, personally
appeared STEVE EK known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

[Signature]
Notary Public
My Commission Expires: April 14, 2006

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