PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ERIC S. KENNEDY	05/30/2012
MAROUN H. TARSHA	10/30/2012
ZACHARY C. WILKINSON	10/22/2012
RANDY C. WINEBARGER	10/30/2012

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:	16163373

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: docketingpgh@pepperlaw.com

Correspondent Name: PEPPER HAMILTON LLP

Address Line 1: 501 GRANT STREET, SUITE 300

Address Line 2: UNION TRUST BUILDING

Address Line 4: PITTSBURGH, PENNSYLVANIA 15219-4429

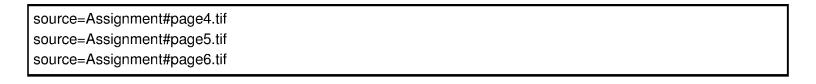
ATTORNEY DOCKET NUMBER:	105209.15611	
NAME OF SUBMITTER: ANTONELLE M. PICCIRILLI		
SIGNATURE:	/Antonelle M. Piccirilli/	
DATE SIGNED:	08/02/2019	

Total Attachments: 6

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> PATENT REEL: 049943 FRAME: 0905

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PATENT REEL: 049943 FRAME: 0906

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns to Smith & Nephew, Inc., a corporation of the State of Delaware, having a principal place of business at 1450 Brooks Road, Memphis, Tennessee 38116, its successors and assigns (hereinafter Assignee"), the entire right, title and interest in the invention or improvements of the undersigned disclosed in the following applications and/or United States Letters Patent:

Application Serial Number: 61/715565
Titled: PATIENT MATCHED INSTRUMENT

Filed: October 18, 2012

and any and all other applications for Letters Patent which the Assignee or the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States which may be obtained on any of said applications, including any identified above, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to said Assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application(s) to insert in this Assignment the serial number, filing date, and date of execution of said application(s).

For said considerations, the undersigned hereby agrees, upon the request and at the expense of said Assignee, to execute any divisional, continuation, continuation-in-part or substitute application for said invention or improvements, and any oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application(s), and, in the event of any application or Letters Patent assigned herein becoming involved in an interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agrees to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said Assignee all rights therein, whereby said Letters Patent will be held and enjoyed by said Assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment has not been made.

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PT-4186-US-PSP[2]

PATENT REEL: 049945 FRAME: 0009 And for said consideration, the undersigned hereby assigns to said Assignee the entire right, title and interest in said invention or improvements for all foreign countries, including all priority rights, and agrees to execute, at the request of said Assignee, all documents in connection with any application for foreign Letters Patent therefor.

STATE OF TENNESSEE COUNTY OF SHELBY

Before me, a Notary Public in and for the County and State aforesaid, appeared to me Eric S. Kennedy personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

STATE OF TENNESSEE NOTARY PUBLIC MY COMMISSION EXPIRES January 31, 2016

Maroun H. Tarsha

STATE OF TENNESSEE COUNTY OF SHELBY

Before me, a Notary Public in and for the County and State aforesaid, appeared to me Maroun H. Tarsha personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

STATE OF TENNESSEE NOTARY PUBLIC MY COMMISSION EXPIRES January 31, 2016

Cach Wilkinson	
Zachary C. Wilkinson	

STATE OF TENNESSEE COUNTY OF SHELBY

Before me, a Notary Public in and for the County and State aforesaid, appeared to me Zachary C. Wilkinson personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.



Randy C. Winebarger

10 | 30 , 2012

STATE OF TENNESSEE COUNTY OF SHELBY

Before me, a Notary Public in and for the County and State aforesaid, appeared to me Randy C. Winebarger personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

STATE
OF
TENNESSEE
NOTARY
PUBLIC
MY COMMISSION EXPIRES
January 31, 2016

Accepted by:

SMITH & NEPHEW, INC.

10/29/2012

Ву:

Mark Gorman

Title:

Associate General Counsel

Intellectual Property

Date

PT-4186-US-PSP[2]

RECORDED: 06/02/2019

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PATENT REEL: 04**5**9**2**5 FRAME: 0**942**