

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4638922

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
T.J. SMITH & NEPHEW LIMITED	10/09/2017
RECEIVING PARTY DATA	
Name:	SMITH & NEPHEW PLC
Street Address:	15 ADAM STREET
City:	LONDON
State/Country:	GREAT BRITAIN
Postal Code:	WC2N 6LA
PROPERTY NUMBERS Total: 4	
Property Type	Number
PCT Number:	EP2015065234
PCT Number:	EP2015065227
PCT Number:	EP2017050704
PCT Number:	EP2017050711
CORRESPONDENCE DATA	
Fax Number:	(949)760-9502
<i>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.</i>	
Phone:	9497600404
Email:	EFILING@knobbe.com
Correspondent Name:	KNOBBE MARTENS OLSON & BEAR LLP
Address Line 1:	2040 MAIN STREET
Address Line 2:	14TH FLOOR
Address Line 4:	IRVINE, CALIFORNIA 92614
ATTORNEY DOCKET NUMBER:	SMNPH.424APC_425APC
NAME OF SUBMITTER:	NATHAN LEE
SIGNATURE:	/NATHAN LEE/
DATE SIGNED:	10/12/2017
Total Attachments: 4	
source=[Executed] Assignment - TJ S&N to S&N PLC -SMNPH.424APC_425APC#page1.tif	
source=[Executed] Assignment - TJ S&N to S&N PLC -SMNPH.424APC_425APC#page2.tif	

source=[Executed] Assignment - TJ S&N to S&N PLC -SMNPH.424APC_425APC#page3.tif

source=[Executed] Assignment - TJ S&N to S&N PLC -SMNPH.424APC_425APC#page4.tif

4463-US + WO
4464-US + WO
4859- not WO [2]

Application No.: 15/325,070 / 15/325,076
Filing Date: January 9, 2017

Client Code: SMNPH.424APC/SMNPH.425APC
Page 1 of 4

PATENT

ASSIGNMENT AGREEMENT

WHEREAS, T.J. Smith & Nephew Limited, a company incorporated under the laws of England and Wales with company number 00093994 and having its registered office at P.O. Box 81, 101 Hessle Road, Hull, United Kingdom HU3 2BN (hereinafter "ASSIGNOR"), represents and warrants that it was an owner of certain new and useful improvements, technology, inventions, developments, ideas or discoveries ("Inventions") disclosed in the following patent applications:

Application No. (Attorney Docket No.)	Filing Date	Title
U.S. Application No. 15/325,070 (PT-4463-US-PCT/ SMNPH.424APC)	09 January 2017	IMPROVEMENTS IN AND RELATING TO POLYMER MATERIALS
U.S. Application No. 15/325,076 (PT-4464-US-PCT/ SMNPH.425APC)	09 January 2017	IMPROVEMENTS IN AND RELATING TO DEVICES
PCT Application No. PCT/EP2015/065234	03 July 2015	IMPROVEMENTS IN AND RELATING TO POLYMER MATERIALS
PCT Application No. PCT/EP2015/065227	03 July 2015	IMPROVEMENTS IN AND RELATING TO DEVICES
PCT Application No. PCT/EP2017/050704	13 January 2017	DEVICE AND KIT FOR INDICATING A PH AT A LOCUS
PCT Application No. PCT/EP2017/050711	13 January 2017	IMPROVEMENTS IN AND RELATING TO POLYMER MATERIALS

ASSIGNOR hereby authorizes and requests the attorneys of Knobbe, Martens, Olson & Bear, LLP, **Customer No. 20,995** to insert in the foregoing table the application number, attorney docket number, filing date, and title, respectively, of any U.S. Patent Applications (including without limitation any subsequently filed provisional applications, non-provisional applications, design applications, and any U.S. National Phase Patent Applications) and/or any PCT International Applications and/or any community design registrations that correspond to or claim priority to any of the applications listed in foregoing table and/or disclose one or more of the Inventions, said U.S. Patent Applications and/or PCT International Applications, if any, being filed after the date this Assignment Agreement was prepared and/or after the date this Assignment was executed by ASSIGNOR. However, this Assignment shall not be unenforceable if any of the aforementioned U.S. Patent Applications and/or PCT International Applications are not hereinafter filed or if the application number or filing date of any such application not inserted above. All of the foregoing applications, including any U.S. Patent Applications and/or PCT International Applications listed in the foregoing table, if any, are collectively referred to hereinafter as the "Applications."

WHEREAS, Smith & Nephew PLC of 15 Adam Street, London, WC2N 6LA, a company with company number 00324357 (hereinafter "ASSIGNEE") desires to confirm that it has acquired the entire right, title, and interest of ASSIGNOR in and to the improvements disclosed in the Applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby further acknowledges that it has sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer, unto ASSIGNEE, its successors, legal representatives, and assigns, ASSIGNOR's entire right, title, and interest throughout the world in, to, and under the said improvements, and the said Patent Applications and all Patents, Design Applications, Design Registrations, or Registered Designs that may be granted thereon, and all provisional applications relating thereto, and all divisions, continuations, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent, Design Application, Design Registration, or Registered Design that may hereafter be filed for said improvements or for the said Patent Applications in any country or countries foreign to the United States; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent, Design Applications, Design Registrations, or Registered Designs for said improvements and all Letters Patents, Design Applications, Design Registrations, or Registered Designs resulting from the Patent Applications to ASSIGNEE, its successors, legal representatives, and assigns, in accordance with the terms of this Agreement.

ASSIGNOR does hereby sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Patent Applications and all Patents, Design Applications, Design Registrations, or Registered Designs that may be granted thereon before or after issuance;

ASSIGNOR hereby covenants and agrees that it will communicate to ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Patent Applications and all Patents, Design Applications, Design Registrations, or Registered

Application No.: 15/325,070 / 15/325,076
Filing Date: January 9, 2017

Client Code: SMNPH.424APC/SMNPH.425APC
Page 3 of 4

PATENT

Designs that may be granted thereon immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving any of the Patent Applications and all Patents, Design Applications, Design Registrations, or Registered Designs that may be granted thereon, will sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and will generally do everything possible to aid ASSIGNEE, its successors, legal representatives, and assigns to obtain and enforce the Patent Applications and all Patents, Design Applications, Design Registrations, or Registered Designs that may be granted thereon in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal.

T.J. Smith & Nephew Limited

By: William A.T. Elliott

Name Printed: William A.T. Elliott

Title: PATENT ATTORNEY

Date: 9 OCTOBER 2017

PATENT

REEL: 043855 FRAME: 0523

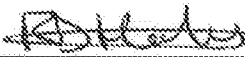
Application No.: 15/325,070 / 15/325,076
Filing Date: January 9, 2017

Client Code: SMNPH.424APC/SMNPH.425APC
Page 4 of 4

PATENT

ACCEPTED:

Smith & Nephew PLC

By: 

Name Printed: ROGER DAVID WALEY

Title: SENIOR PATENT COUNSEL

Date: 9/10/17

24950062