505546140 06/26/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5592937

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ADRIAAN J. KUYLER	05/20/2019
BENJAMIN D. COWAN	04/29/2019
ANTHONY J. MELKENT	05/09/2019
KEITH E. MILLER	04/17/2019
CRISTIAN A. CAPOTE	05/09/2019
JONATHAN E. BLACKWELL	04/18/2019
JENNIFER B. MCNAB	04/17/2019

RECEIVING PARTY DATA

Name:	WARSAW ORTHOPEDIC, INC.
Street Address:	2500 SILVEOUS CROSSING
City:	WARSAW
State/Country:	INDIANA
Postal Code:	48562

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29689082

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.

Phone: 901344-1249

Email: rs.patents.two@medtronic.com

Correspondent Name: JENNIFER MELINE
Address Line 1: 2600 SOFAMOR DANEK

Address Line 4: MEMPHIS, TENNESSEE 38132

ATTORNEY DOCKET NUMBER:	A0001761US01
NAME OF SUBMITTER:	JENNIFER MELINE
SIGNATURE:	/Jennifer Meline/
DATE SIGNED:	06/26/2019

PATENT REEL: 049600 FRAME: 0053

Total Attachments: 8 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif source=ASSIGNMENT#page3.tif source=ASSIGNMENT#page4.tif source=ASSIGNMENT#page5.tif source=ASSIGNMENT#page6.tif source=ASSIGNMENT#page7.tif source=ASSIGNMENT#page8.tif

PATENT REEL: 049600 FRAME: 0054

ASSIGNMENT

WHEREAS,

(1)	Adriaan J. Kuyler	of the City of	Germantown	State of Tennessee, USA
(2)	Benjamin D. Cowan	of the City of	Memphis	State of Tennessee, USA
(3)	Anthony J. Melkent	of the City of	Germantown	State of Tennessee, USA
(4)	Keith E. Miller	of the City of	Germantown	State of Tennessee, USA
(5)	Cristian A. Capote	of the City of	Memphis	State of Tennessee, USA
(6)	Jonathan E. Blackwell	of the City of	Lakeland	State of Tennessee, USA
(7)	Jennifer B. McNab	of the City of	Memphis	State of Tennessee, USA

have invented certain improvements in

SURGICAL IMPLANT

for which	we have executed an application for Letters Patent of the United States of America,
	_ of even date herewith; and
X	_ filed on April 26, 2019 and assigned application number 29/689,082; and

WHEREAS, we hereby authorize and request the attorneys of Assignee, Warsaw Orthopedic, Inc., of 2500 Silveus Crossing, Warsaw, Indiana 46581, to insert the filing date and application number of the application when known; and

WHEREAS, Warsaw Orthopedic, Inc. (Assignee), a corporation organized and existing under the laws of the State of Indiana, having its principal office and place of business in the City of Warsaw, State of Indiana, is desirous of obtaining the entire right, title, and interest in, to and under the invention and the application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the invention, and the application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for the invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications for which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty is to issue patents on applications as aforesaid, to issue all Letters Patent for the invention to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue

PATENT REEL: 049600 FRAME: 0055 applications, make all rightful declarations and/or oaths and generally do everything possible to aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce patent protection for the invention in all countries. Inventor Name: Adriaan J. Kuyler 7918 Neshoba Road Address: Germantown, Tennessee 38138 Dated: 5-20-2019 Adriaan J. Kuvler STATE OF THURSTER COUNTY OF Shelby On this the 20 day of Mess, 2019, before me personally appeared Adriaan J. Kuyler, to me known (or proved to me on the basis of satisfactory evidence) to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed. WITNESS MY HAND and Seal at office this the 20 day of 1/10, 2019. Lynthia McConno.

My Commission Expires:

3-8-2023

invention in all countries. Inventor Name: Benjamin D. Cowan Address: 1947 Lyndale Avenue Memphis, Tennessee 38107 Dated: 4/29/2019 Benjamin D. Cowan STATE OF Tennessee
COUNTY OF Shelby On this the ______ day of ______, 2019, before me personally appeared Benjamin D. Cowan, to me known (or proved to me on the basis of satisfactory evidence) to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed. WITNESS MY HAND and Seal at office this the 29 day of 4001, 2019. Unthia J. M. Corrosson My Commission Expires: 3-8-2023

applications, make all rightful declarations and/or oaths and generally do everything possible to aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce patent protection for the

applications, make all rightful declarations and/or oaths and generally do everything possible to aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce patent protection for the invention in all countries.

Inventor Name:
Address:

2408 Sanders Ridge Lane
Germantown, Tennessee 38138

Dated:

5/9/9
Anthony J. Melkent

STATE OF COUNTY OF
On this the day of day of

My Commission Expires:

STATE OF TENNESSEE NOTABY PUBLIC OF TENNESSEE NO

Assignee, its successors, legal representatives and assigns, to obtain and enforce patent protection for the invention in all countries. Inventor Name: Keith E. Miller 2793 Hunters Forest Drive Address: Germantown, Tennessee 38138 Keith E. Miller STATE OF COUNTY OF ..., 2019, before me personally appeared On this the day of Keith E. Miller, to me known (or proved to me on the basis of satisfactory evidence) to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed. WITNESS MY HAND and Seal at office this the 17" My Commission Expires:

applications, make all rightful declarations and/or oaths and generally do everything possible to aid the

Assignee, its successors, legal representatives and assigns, to obtain and enforce patent protection for the invention in all countries. Inventor Name: Cristian A. Capote 4467 Chickasaw Road Address: Memphis, Tennessee 38117 Dated: 9 WAY ZUI9 Cristian A. Capote STATE OF Tennessee
COUNTY OF 5h.s.lby described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed. WITNESS MY HAND and Seal at office this the $9^{1/4}$ day of 1/2, 2019. Lyathia & M. Connos My Commission Expires: 3-8-2023

applications, make all rightful declarations and/or oaths and generally do everything possible to aid the

Assignee, its successors, legal representatives and assigns, to obtain and enforce patent protection for the invention in all countries. Inventor Name: Jonathan E. Blackwell 4660 Maple Forest Drive Address: Lakeland, Tennessee 38002 Dated: 4/18/19 E flackwell Jonathan E. Blackwell STATE OF COUNTY OF ___, 2019, before me personally appeared Jonathan E. Blackwell, to me known (or proved to me on the basis of satisfactory evidence) to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed. WITNESS MY HAND and Seal at office this the day of My Commission Expires:

applications, make all rightful declarations and/or oaths and generally do everything possible to aid the

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applications, make all rightful declarations and/or oaths and generally do everything possible to aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce patent protection for the invention in all countries.

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Inventor Name: Address:	Jennifer B. McNab 3815 Cardinal Avenue
Dated: 17 Apr 2019	Memphis, Tennessee 38111 Low Blow John Jennifer B. McNab
described in and who executed the foregoing his free act and deed.	, 2019, before me personally appeared ed to me on the basis of satisfactory evidence) to be the person g instrument, and acknowledged that he executed the same as
	office this the 17th day of April , 2019.

My Commission Expires:

