504029513 09/29/2016

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | | NEW ASSIGNMENT | | | |
|---|---|---|-------------------|--|--|
| NATURE OF CONVEYANCE: | | ASSIGNMENT | ASSIGNMENT | | |
| CONVEYING PARTY D | ΑΤΑ | | | | |
| | | Name | Execution Date | | |
| JEFFREY N. WICKHAM | 01/13/2016 | | | | |
| MARK C. DACE | 01/19/2016 | | | | |
| ALEXANDER VACCARC | 01/20/2016 | | | | |
| BRIAN A. O'SHAUGHNE | 01/12/2016 | | | | |
| ANDREW HECHT | | | 01/25/2016 | | |
| RECEIVING PARTY DA | ТА | | | | |
| Name: | WARSAW ORTHOPEDIC, INC | | | | |
| Street Address: | 2500 SILVEUS CORSSING | | | | |
| City: | WARSAW | | | | |
| State/Country: | INDIANA | | | | |
| Postal Code: | 46582 | | | | |
| PROPERTY NUMBERS Total: 1 Property Type | | Number | | | |
| Application Number: | | 29552512 | | | |
| using a fax number, if p | e sent to provideo | the e-mail address first; if that is un ; if that is unsuccessful, it will be se | | | |
| Phone: Email: | | 901 399-2641 modtronic spinal dockoting@cardinal | in com | | |
| Correspondent Name: | medtronic_spinal_docketing@cardinal-ip.com THOMAS S. WOLFE | | | | |
| Address Line 1: | 2600 SOFAMOR DANEK DRIVE | | | | |
| Address Line 4: | MEMPHIS, TENNESSEE 38132 | | | | |
| ATTORNEY DOCKET NU | JMBER: | C00011517.USD1 | C00011517.USD1 | | |
| NAME OF SUBMITTER: | | THOMAS S. WOLFE | THOMAS S. WOLFE | | |
| SIGNATURE: | | /Thomas S. Wolfe/ | /Thomas S. Wolfe/ | | |
| DATE SIGNED: | | 09/29/2016 | 09/29/2016 | | |
| Fotal Attachments: 6 source=ASSIGNMENT#pa | age1.tif | | | | |

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| source=ASSIGNMENT#page6.tif |

ASSIGNMENT

WHEREAS,

| (1) | Jeffrey N. Wickham | of the City of Hernando State of Mississippi, USA |
|-----|------------------------|--|
| (2) | Mark C. Dace | of the City of Collierville State of Tennessee, USA |
| (3) | Alexander Vaccaro | of the City of Gladwyne State of Pennsylvania, USA |
| (4) | Brian A. O'Shaughnessy | of the City of Nashville State of Tennessee, USA |
| (5) | Andrew Hecht | of the City of New York State of New York, USA |

have invented certain improvements in

SPINAL 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 January 22, 2016 and assigned application number 29/552,512; and

WHEREAS, we hereby authorize and request the attorneys of Assignee, Warsaw Orthopedic, Inc., of 2500 Silveus Crossing, Warsaw, Indiana 46582, 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

PATENT REEL: 039899 FRAME: 0109

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 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:

Dated: 1/13/16

Jeffrey N. Wickham 2661 Slocum Rd. Hernando, Mississippi 38632

Jeffrey N. Wickham

STATE OF CHNESSER COUNTY OF Shelby

On this the 3 day of January 2016, before me personally appeared Jeffrey N. Wickham, 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 13 day of January, 2016. Notary Public

My Commission Expires:

March 19,301



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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 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:

Mark C. Dace 1410 Martway Street Collierville, Tennessee 38017

Dated: 19 - JAN 2016

Mark C. Dace

STATE OF COUNTY OF

On this the 12 day of 32224/4, 2016, before me personally appeared Mark C. Dace, 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 Seat st office this the 19 day of Sun & 19, 2016.

Notary Public

My Commission Expires:

March 19, 2019



PATENT REEL: 039899 FRAME: 0111 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 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:

Alexander Vaccaro 1840 Aloha Lane Oladwyne, Pennsylvania 19035

Dated: ______70///

<u>anden lau</u>

Alexander Vaccaro

STATE OF <u>PEANSYlvania</u> COUNTY OF <u>Philadelphia</u>

On this the 20^{th} day of 50^{th} , 2016, before me personally appeared Alexander Vaccaro, 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 20th day of Jan, 2016.

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ALL FUC

My Commission Expires:

Jan 12,2018

COMMONWEALTH OF PENNSYLVANIA Notarial Seal Jillen Lieb, Notary Public City of Philadelphia, Philadelphia County My Commission Expires Jan. 12, 2018 Minute Pennsylvania Association of NotAnias

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 Assignce, 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 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:

Dated: 1/12/16

Brian A. O'Shaughnessy 2016 Sunset Hills Ter Nashville, Tennessee 37215

Brian A. Q'Shaughnessy

STATE OF Tennessee COUNTY OF Davidson

On this the 14th day of January . 2018 before me personally appeared Brian A. O'Shaughnessy, 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 1/1 day of Jonuory, 2015.

My Commission Expires:

My Commission Expires November 5, 2018



PATENT REEL: 039899 FRAME: 0113 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 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.

On this the 25^{47} day of 5004 day of 2014 day of 2016, before me personally appeared Andrew Hecht, 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 <u>25th</u> day of <u>January</u>, 2016. Notary Public

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My Commission Expires:

DELICIA JONES NOTARY PUBLIC-STATE OF NEW YORK No. 01 JO6330051 Gualified in New York County My Commission Explores September 08, 201 ?

> PATENT REEL: 039899 FRAME: 0114

RECORDED: 09/29/2016