505558458 07/05/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JARED T. WILSEY	04/22/2019
KEITH E. MILLER	04/10/2019
BENJAMIN T. REVES	04/10/2019

RECEIVING PARTY DATA

Name:	WARSAW ORTHOPEDIC, INC.
Street Address:	2500 SILVEUS CROSSING
City:	WARSAW
State/Country:	INDIANA
Postal Code:	46582

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16391242

CORRESPONDENCE DATA

Fax Number: (901)345-1583

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: 9013963133

Email: rs.patents.two@medtronic.com

MEDTRONIC SPINAL AND BIOLOGICS **Correspondent Name:**

Address Line 1: 2600 SOFAMOR DANEK DRIVE Address Line 4: MEMPHIS, TENNESSEE 38132

ATTORNEY DOCKET NUMBER:	A0000919US01
NAME OF SUBMITTER:	RICHARD D. WATKINS
SIGNATURE:	/Richard D. WATKINS, Reg. #50993/
DATE SIGNED:	07/05/2019

Total Attachments: 4

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> **PATENT** REEL: 049674 FRAME: 0167 505558458

ASSIGNMENT

WHEREAS,

(1) Jared T. Wilsey of the City of Memphis State of Tennessee, USA

(2) **Keith E. Miller** of the City of Germantown State of Tennessee, USA

(3) **Benjamin T. Reves** of the City of Memphis State of Tennessee, USA

have invented certain improvements in DELIVERY OF THERAPEUTIC MATERIAL VIA SUB-LIGAMENTOUS SPACE for which we have executed an application for Letters Patent of the United States of America,

X of even date herewith; and	
filed on [insert date] and assigned application number [insert application number	l· 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 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

PATENT REEL: 049674 FRAME: 0168

Memphis, Tennessee 38103

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:

Jared T. Wilsey

Address:

1090 Island PL E

Dated: 22 Apr. | Z019 June | J

STATE OF Tennessee

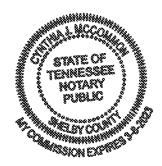
On this the ______ day of ______, 2019, before me personally appeared Jared T. Wilsey, to me known (or proved to me on the basis of satisfactory evidence) to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

WITNESS MY HAND and Seal at office this the 22 day of 400.71 , 2019.

Lysthis J. M. Connon Notary Public

My Commission Expires:

3-8-2023



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 Dr Address: Germantown, Tennessee 38138 Keith E. Miller day of 👃 On this the 2019, before me personally appeared 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 / 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.

Inventor Name: Bizza Cz Benjamin T. Reves 6789 Hunters Trail Drive #204 Address: Memphis, Tennessee 38120 __, 2019, before me personally appeared On this the Benjamin T. Reves, 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 10 day of

My Commission Expires:

TENNESSE NOTARY PUBLIC ON EXPIRES