10/11/2018 505137448

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTEL ITALIAIE	07/18/2018
MARK R. GRIZZARD	07/18/2018
MATTHEW T. MARRAPODE	10/02/2018

RECEIVING PARTY DATA

Name:	WARSAW ORTHOPEDIC, INC.
Street Address:	2500 SILVEUS CROSSING
City:	WARSAW
State/Country:	INDIANA
Postal Code:	46582-8598

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16044594

CORRESPONDENCE DATA

Fax Number: (901)344-1583

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: 901-396-3133

Email: rs.patents.two@medtronic.com

MICKKI D. MURRAY **Correspondent Name:**

Address Line 1: 2600 SOFAMOR DANEK DRIVE

Address Line 2: SS-46

Address Line 4: MEMPHIS, TENNESSEE 38132

ATTORNEY DOCKET NUMBER:	C00019158.USU1
NAME OF SUBMITTER:	MICKKI D. MURRAY
SIGNATURE:	/Mickki D. Murray/
DATE SIGNED:	10/11/2018

Total Attachments: 4

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PATENT

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ASSIGNMENT

WHEREAS,

(1)	Christel Italiaie	of the City of Memphis State of Tennessee, USA
(2)	Mark R. Grizzard	of the City of Munford State of Tennessee, USA
(3)	Matthew T. Marrapode	of the City of Boulder State of Colorado, USA

has invented certain improvements in

SPINAL IMPLANT SYSTEM AND METHOD

for which we have executed an application for Letters Patent of the United States of America,
of even date herewith; and
X filed on 07/25/2018 and assigned application number 16/044,594; and

WHEREAS, we hereby authorize and request the attorneys of Assignee, Warsaw Orthopedic, Inc., of 2500 Silveus Crossing, Warsaw, Indiana 46582-8598, 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.

invention in all countries. Christel Italiaie Inventor Name: 1156 W. Natchez Point, Apt. #73 Address: Memphis, TN 38103 Dated: 18 JUL 2018 Inventor Signature country of Shelby On this the 18th day of 5 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 18th day of Jaly, 2018.

Lynthig J. M. Common My Commission Expires: 03-19-2019

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

Inventor Name: Address:	Mark R. Grizzard 280 Wood Hollow Cove Munford, TN 38058
Dated: 18 July 2018	Inventor Signature
county of Shelby	
On this the 18th day of July Mark R. Grizzard, to me known (or proved to ne described in and who executed the foregoing in his free act and deed.	, 2018, before me personally appeared ne on the basis of satisfactory evidence) to be the person strument, and acknowledged that he executed the same as
WITNESS MY HAND and Seal at offi Notary	ce this the 18 th day of July , 2018. In this J. McCommon Public
My Commission Expires: 03-19-2019	STATE OF OF TENNESSEE PUBLIC OF COUNTY OF COUN

Inventor Name: Address:	Matthew T. Marrapode 4650 Ludlow Street Boulder, CO 80305
Dated: OL OCT AOIS	Inventor Signature
STATE OF <u>Colorado</u> COUNTY OF <u>Bailder</u>	
Matthew T. Marrapode, to me known (or pro	, 2018, before me personally appeared oved to me on the basis of satisfactory evidence) to be the regoing instrument, and acknowledged that he executed the
WITNESS MY HAND and Seal at o	office this the 2 nd day of October, 2018.
	5/1/1/1/1/1/

RECORDED: 10/11/2018