

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5170121

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NICHOLAS M. BENSON	06/11/2018
RICHARD L. BROWN	06/08/2018
NEWTON H. METCALF	06/08/2018
CLARK B. NORGAARD	06/13/2018
STEVEN D. GLASSMAN	06/18/2018
SHANE BURCH	07/14/2018
DOMAGOJ CORIC	07/17/2018
ROBERT A. FIELDS	06/28/2018
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:	16039592
CORRESPONDENCE DATA	
Fax Number:	
<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:	901 399-2641
Email:	rs.patents.two@medtronic.com
Correspondent Name:	THOMAS S. WOLFE
Address Line 1:	2600 SOFAMOR DANER DR
Address Line 4:	MEMPHIS, TENNESSEE 38132
ATTORNEY DOCKET NUMBER:	C00018152.USU1
NAME OF SUBMITTER:	THOMAS S. WOLFE
SIGNATURE:	/Thomas S. Wolfe/

DATE SIGNED:	10/02/2018
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Total Attachments: 9
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ASSIGNMENT

WHEREAS,

- (1) Nicholas M. Benson of the City of Collierville
State of Tennessee, USA
- (2) Richard L. Brown of the City of Mesa
State of Arizona, USA
- (3) Newton H. Metcalf of the City of Memphis
State of Tennessee, USA
- (4) Clark B. Norgaard of the City of Phoenix
State of Arizona, USA
- (5) Steven D. Glassman of the City of Louisville
State of Kentucky, USA
- (6) Shane Burch of the City of San Anselmo
State of California, USA
- (7) Domagoj Coric of the City of Charlotte
State of North Carolina, USA
- (8) Robert A. Fields of the City of Memphis
State of Tennessee, USA

have invented certain improvements in

LOAD SENSING ASSEMBLY FOR A 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 **July 19, 2018** and assigned application number **16/039,632**; 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;

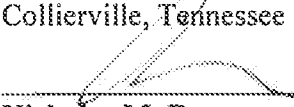
NOW, THEREFORE, for One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by

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.

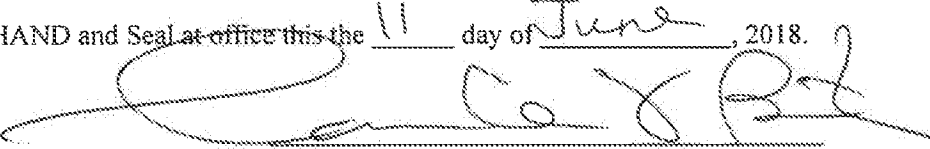
AND WE HEREBY further covenant and agree that we will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, 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: **Nicholas M. Benson**
Address: 1146 Talamore Gove
Collierville, Tennessee 38017

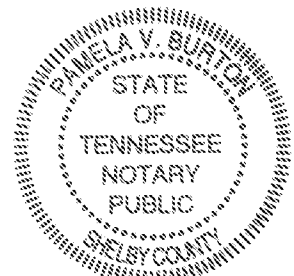
Dated: 6/11/18

Nicholas M. Benson

STATE OF Tennessee
COUNTY OF Shelby

On this the 11 day of June, 2018, before me personally appeared **Nicholas M. Benson**, 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 11 day of June, 2018.

Notary Public

My Commission Expires:
March 19, 2019




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.

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Inventor Name: **Richard L. Brown**
Address: 11260 E. Rembrandt Ave.
Mesa, Arizona 85212

Dated: June 8, 2018


Richard L. Brown

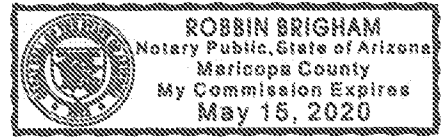
STATE OF ARIZONA
COUNTY OF MARICOPA

On this the 8 day of JUNE, 2018, before me personally appeared **Richard L. Brown**, 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 8 day of JUNE, 2018.


Notary Public

My Commission Expires:
5-15-2020

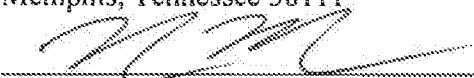


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Inventor Name: Newton H. Metcalf
Address: 2951 Tishomingo Ln
Memphis, Tennessee 38111

Dated: 6/8/18 
Newton H. Metcalf

STATE OF Tennessee
COUNTY OF Shelby

On this the 8 day of June, 2018, before me personally appeared **Newton H. Metcalf**, 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 8 day of June, 2018.


Notary Public

My Commission Expires:
March 19, 2019

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Inventor Name:
Address:

Clark B. Norgaard
15839 S 10th Place
Phoenix, Arizona 85048

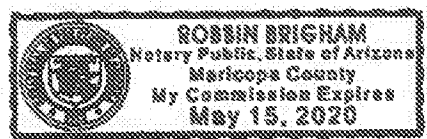
Dated: 6/13/2018

Clark B. Norgaard
Clark B. Norgaard

STATE OF ARIZONA
COUNTY OF MARICOPA

On this the 13 day of JUNE, 2018, before me personally appeared Clark B. Norgaard, 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 JUNE, 2018.



[Signature]
Notary Public

My Commission Expires:
5-15-2020

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Inventor Name: Steven D. Glassman
Address: 12345 Osage Road
Louisville, Kentucky 40223

Dated: 6-11-18

Steven D. Glassman

STATE OF Kentucky
COUNTY OF Jefferson

On this the 11 day of June, 2018, before me personally appeared Steven D. Glassman, 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 11 day of June, 2018.

Tana L. Allgeyer
Notary Public

My Commission Expires:

January 3, 2022

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.

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Inventor Name: Shane Burch
Address: 16 Canyon Road
San Anselmo, California 94960

Dated: July 14 / 2018
Shane Burch

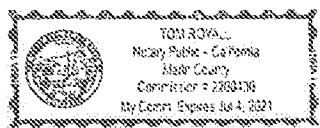
STATE OF _____

COUNTY OF _____

On this the 14th day of July, 2018, before me personally appeared Shane Burch, 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 14th day of July 2018.
Tom Royal
Notary Public

My Commission Expires: July 4th, 2021

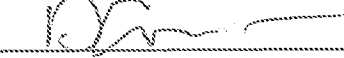


these presents do hereby sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the invention, and the application, and all divisional, renewal, substitutional, and continuing applications thereof, 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.

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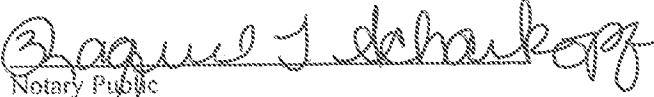
Inventor Name: Domagoj Coric
Address: 925 Harvard Place
Charlotte, North Carolina 28207

Dated: July 17th, 2018 
Domagoj Coric

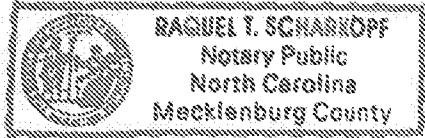
STATE OF North Carolina
COUNTY OF Mecklenburg

On this the 17th day of July, 2018, before me personally appeared Domagoj Coric, 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 day of July, 2018.


Notary Public

My Commission Expires:
February 25, 2023



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.

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Inventor Name: **Robert A. Fields**
Address: 4585 Crossover Lane
Memphis, Tennessee 38117
Dated: 6/28/18 *Robert A. Fields*
Robert A. Fields

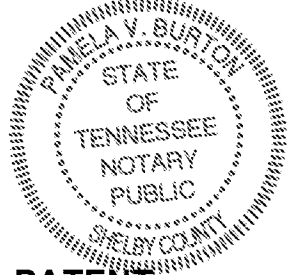
STATE OF Tennessee
COUNTY OF Shelby

On this the 28 day of June, 2018, before me personally appeared **Robert A. Fields**, 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 28 day of June, 2018.

[Signature]
Notary Public

My Commission Expires:
March 19, 2019



PATENT