

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5685775

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RANDAL SCHULHAUSER	10/26/2015
RICHARD L. BROWN	10/23/2015
JEFF R. JUSTIS	10/18/2015
MATTHEW M. MORRISON	10/26/2015
JEFF M. CHERRY	10/21/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WARSAW ORTHOPEDIC, INC.
<b>Street Address:</b>	2500 SILVEUS CROSSING
<b>City:</b>	WARSAW
<b>State/Country:</b>	INDIANA
<b>Postal Code:</b>	46582
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16548109
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(901)345-1583
<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>	
<b>Phone:</b>	9013963133
<b>Email:</b>	rs.patents.two@medtronic.com
<b>Correspondent Name:</b>	MEDTRONIC SPINAL AND BIOLOGICS
<b>Address Line 1:</b>	2600 SOFAMOR DANER DRIVE
<b>Address Line 4:</b>	MEMPHIS, TENNESSEE 38132
<b>ATTORNEY DOCKET NUMBER:</b>	C00004002.USUS1CON
<b>NAME OF SUBMITTER:</b>	WILLIAM R. RICHTER
<b>SIGNATURE:</b>	/William R. RICHTER, Reg. #43879/
<b>DATE SIGNED:</b>	08/26/2019
<b>Total Attachments: 6</b>	
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## A S S I G N M E N T

WHEREAS,

- |     |                     |   |
|-----|---------------------|---|
| (1) | Randal Schulhauser  | of the City of Phoenix<br>State of Arizona, USA       |
| (2) | Richard L. Brown    | of the City of Mesa<br>State of Arizona, USA          |
| (3) | Jeff R. Justis      | of the City of Germantown<br>State of Tennessee, USA  |
| (4) | Matthew M. Morrison | of the City of Cordova<br>State of Tennessee, USA     |
| (5) | Jeff M. Cherry      | of the City of Minneapolis<br>State of Minnesota, USA |

have invented certain improvements in  
**SYSTEMS AND METHODS FOR POST-OPERATIVE OUTCOME MONITORING**  
 for which we have executed an application for Letters Patent of the United States of America,

\_\_\_\_\_ of even date herewith; and

  X   filed on **November 18, 2015** and assigned application number **14/945,167**; 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:

**Randal Schulhauser**

Address:

2429 E Sapium Way  
Phoenix, Arizona 85048

Dated:

26 Oct 2015

*[Signature]*

**Randal Schulhauser**

STATE OF ARIZONA

COUNTY OF MARICOPA

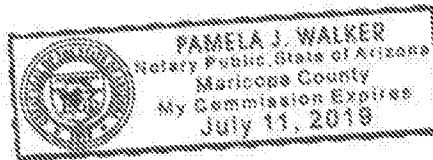
On this the 26<sup>th</sup> day of October, 2015, before me personally appeared **Randal Schulhauser**, to me known (or proved to me on the basis of satisfactory evidence) to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

WITNESS MY HAND and Seal at office this the 26<sup>th</sup> day of October, 2015.

*[Signature]*  
Notary Public **Pamela J. Walker**

My Commission Expires:

July 11, 2019



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:

Richard L. Brown

Address:

11260 E. Rembrandt Ave  
Mesa, Arizona

Dated:

10/23/15

*Richard L. Brown*

Richard L. Brown

STATE OF

ARIZONA

COUNTY OF

MARICOPA

On this the 23rd day of October, 2015, 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.

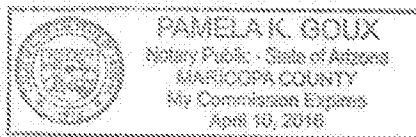
WITNESS MY HAND and Seal at office this the 23rd day of October, 2015.

*Pamela K. Goux*

Notary Public

My Commission Expires:

April 10, 2016



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:

Jeff R. Justis

Address:

1839 Johnson Road  
Germantown, Tennessee 38139

Dated: 18 OCT 2015

Jeff R. Justis  
Jeff R. Justis

STATE OF OHIO

COUNTY OF Warren

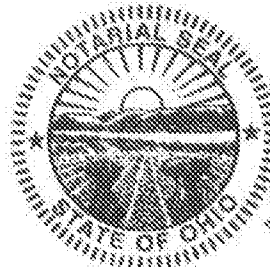
On this the 18<sup>th</sup> day of October, 2015, before me personally appeared Jeff R. Justis, to me known (or proved to me on the basis of satisfactory evidence) to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

WITNESS MY HAND and Seal at office this the 18 day of October, 2015.

Brenda L. Bagby  
Notary Public

My Commission Expires:

04-14-2019



BRENDA L. BAGBY  
NOTARY PUBLIC  
STATE OF OHIO  
MY COMMISSION EXPIRES 4.14.19

Brenda L. Bagby

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:

Matthew M. Morrison

Address:

9425 Riveredge Drive  
Cordova, Tennessee 38018

Dated: 10/26/2015


  
Matthew M. Morrison

STATE OF Tennessee

COUNTY OF Shelby

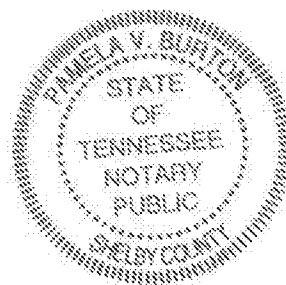
On this the 26 day of October, 2015, before me personally appeared **Matthew M. Morrison**, to me known (or proved to me on the basis of satisfactory evidence) to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

WITNESS MY HAND and Seal at office this the 26 day of October, 2015.

  
Notary Public

My Commission Expires:

March 19, 2019



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:

Jeff M. Cherry  
1070 Grand View Court NE  
Minneapolis, Minnesota 55421

Dated: 10/21/15

Jeff M. Cherry  
Jeff M. Cherry

STATE OF Minnesota  
COUNTY OF Anoka

On this the 21st day of October, 2015, before me personally appeared **Jeff M. Cherry**, 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 21st day of October, 2015.

[Signature]  
Notary Public

My Commission Expires:

