

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3573844

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ADRIAAN J. KUYLER	10/09/2015
ANTHONY J. MELKENT	10/09/2015
KEITH E. MILLER	10/09/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WARSAW OTHOPEDIC, INC
<b>Street Address:</b>	2500 SILVEUS CROSSING
<b>City:</b>	WARSAW
<b>State/Country:</b>	INDIANA
<b>Postal Code:</b>	46581
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14885472
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	901 344-1422
<b>Email:</b>	medtronic_spinal_docketing@cardinal-ip.com
<b>Correspondent Name:</b>	JASON O. PICHE
<b>Address Line 1:</b>	2600 SOFAMOR DANEK DRIVE
<b>Address Line 4:</b>	MEMPHIS, TENNESSEE 38132
<b>ATTORNEY DOCKET NUMBER:</b>	C00011582.USU1
<b>NAME OF SUBMITTER:</b>	JASON O. PICHE
<b>SIGNATURE:</b>	/Jason O, Piche/
<b>DATE SIGNED:</b>	10/16/2015
<b>Total Attachments: 4</b>	
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## A S S I G N M E N T

WHEREAS,

- |     |                    |  |
|-----|--------------------|--|
| (1) | Adriaan J. Kuyler  | of the City of Memphis<br>State of Tennessee, USA    |
| (2) | Anthony J. Melkent | of the City of Germantown<br>State of Tennessee, USA |
| (3) | Keith E. Miller    | of the City of Germantown<br>State of Tennessee, USA |

have invented certain improvements in

**EXPANDABLE 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 October 16, 2015 and assigned application number 14/885,472; 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:

**Adriaan J. Kuyler**

Address:

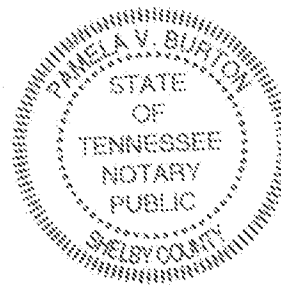
1667 Parktown Place  
Memphis, Tennessee 38104Dated: 10/9/2015Adriaan J. KuylerSTATE OF TennesseeCOUNTY OF Shelby

On this the 9 day of October, 2015, before me personally appeared **Adriaan J. Kuyler**, 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 9 day of October, 2015.

Pamela V. Burton  
Notary Public

My Commission Expires:

March 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 invention in all countries.

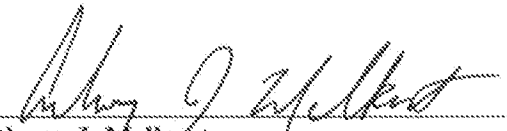
Inventor Name:

**Anthony J. Melkent**

Address:

1644 Dogwood Creek Drive  
Germantown, Tennessee 38139

Dated: October 9, 2015

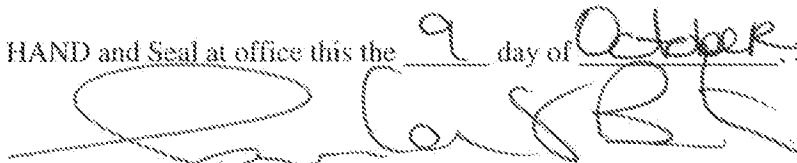
  
Anthony J. Melkent

STATE OF Tennessee

COUNTY OF Shelby

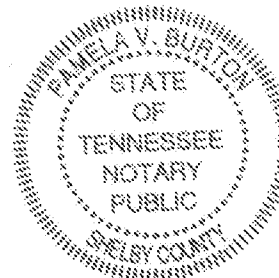
On this the 9 day of October, 2015, before me personally appeared **Anthony J. Melkent**, to me known (or proved to me on the basis of satisfactory evidence) to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

WITNESS MY HAND and Seal at office this the 9 day of October, 2015.

  
Notary Public

My Commission Expires:

March 19, 2019



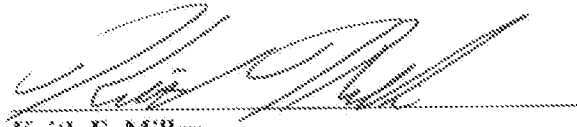
AND WE HEREBY further covenant and agree that we will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, 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 invention in all countries.

Inventor Name:  
Address:

Keith E. Miller  
7348 Bellville Drive  
Germantown, Tennessee 38138

Dated:

OCT. 9, 2015

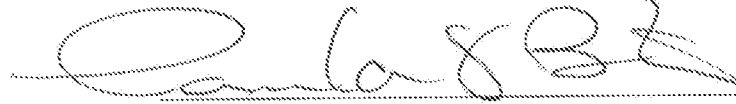
  
Keith E. Miller

STATE OF Tennessee

COUNTY OF Shelby

On this the 9 day of October, 2015, 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 9 day of October, 2015.

  
Notary Public

My Commission Expires:

March 19, 2019

