

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Newton H. METCALF Jr.</td><td>11/23/2008</td></tr><tr><td>Greg C. MARIK</td><td>11/24/2008</td></tr></tbody></table>		Name	Execution Date	Newton H. METCALF Jr.	11/23/2008	Greg C. MARIK	11/24/2008
Name	Execution Date						
Newton H. METCALF Jr.	11/23/2008						
Greg C. MARIK	11/24/2008						
RECEIVING PARTY DATA							
Name:	Warsaw Orthopedic, Inc.						
Street Address:	2500 Silveus Crossing						
City:	Warsaw						
State/Country:	INDIANA						
Postal Code:	46581						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12276630</td></tr></tbody></table>		Property Type	Number	Application Number:	12276630		
Property Type	Number						
Application Number:	12276630						
CORRESPONDENCE DATA							
Fax Number:	(901)399-3040						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	901-396-3133						
Email:	memipdocketing@medtronic.com						
Correspondent Name:	William R. Richter						
Address Line 1:	2600 Sofamor Danek Drive						
Address Line 2:	SS-46						
Address Line 4:	Memphis, TENNESSEE 38132						
ATTORNEY DOCKET NUMBER:	P0030765.00						
NAME OF SUBMITTER:	William R. Richter						
Total Attachments: 3 source=ExecutedAssignment#page1.tif source=ExecutedAssignment#page2.tif							

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PATENT  
REEL: 021882 FRAME: 0523



## ASSIGNMENT

WHEREAS,

- |     |                        |  |
|-----|------------------------|--|
| (1) | Newton H. METCALF, Jr. | of the City of Memphis<br>State of Tennessee, USA      |
| (2) | Greg C. MARIK          | of the City of Collierville<br>State of Tennessee, USA |

has invented certain improvements in

ORTHOPEDIC IMPLANT WITH SENSOR COMMUNICATIONS ANTENNA AND ASSOCIATED  
DIAGNOSTICS MEASURING, MONITORING, AND RESPONSE SYSTEM

for which we have executed an application for Letters Patent of the United States of America,

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

  X   filed on 11/24/2008 and assigned application number 12/276,630; and

WHEREAS, we hereby authorize and request the attorneys of Assignee, Warsaw Orthopedic, Inc., of 2500 Silveus Crossing, Warsaw, Indiana 46581, 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:  
Address:

Newton H. METCALF, Jr.  
174 Dille Place  
Memphis, TN 38111

Dated: 11/23/08

[Signature]  
Newton H. Metcalf, Jr.  
Inventor Signature

STATE OF Tennessee  
COUNTY OF Shelby

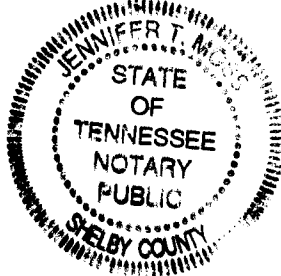
On this the 23<sup>rd</sup> day of November, 2008, before me personally appeared Newton H. Metcalf, Jr., to me known (or proved to me on the basis of satisfactory evidence) to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

WITNESS MY HAND and Seal at office this the 23<sup>rd</sup> day of November, 2008.

[Signature]  
Notary Public

My Commission Expires:

**MY COMMISSION EXPIRES:**  
**May 27, 2009**

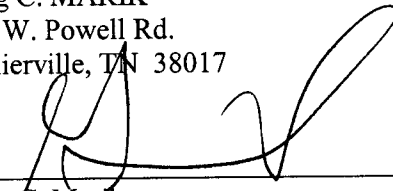


AND WE HEREBY further covenant and agree that we will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to me respecting the invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing,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

Greg C. MARIK  
845 W. Powell Rd.  
Collierville, TN 38017

Dated: 11/24/08

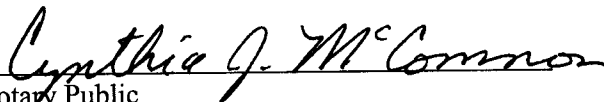
  
\_\_\_\_\_  
Greg C. Marik  
Inventor Signature

STATE OF Tennessee

COUNTY OF Shelby

On this the 24 day of November, 2008, before me personally appeared Greg C. Marik, 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 24 day of November, 2008.

  
\_\_\_\_\_  
Notary Public

My Commission Expires

