

## 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>John W. Kulas</td> <td>07/31/2013</td> </tr> <tr> <td>Donald E. Stearns</td> <td>07/31/2013</td> </tr> </tbody> </table>		Name	Execution Date	John W. Kulas	07/31/2013	Donald E. Stearns	07/31/2013				
Name	Execution Date										
John W. Kulas	07/31/2013										
Donald E. Stearns	07/31/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Medtronic PS Medical, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>826 Coal Creek Circle</td> </tr> <tr> <td>City:</td> <td>Louisville</td> </tr> <tr> <td>State/Country:</td> <td>COLORADO</td> </tr> <tr> <td>Postal Code:</td> <td>80027</td> </tr> </table>		Name:	Medtronic PS Medical, Inc.	Street Address:	826 Coal Creek Circle	City:	Louisville	State/Country:	COLORADO	Postal Code:	80027
Name:	Medtronic PS Medical, Inc.										
Street Address:	826 Coal Creek Circle										
City:	Louisville										
State/Country:	COLORADO										
Postal Code:	80027										
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>13944650</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13944650						
Property Type	Number										
Application Number:	13944650										
CORRESPONDENCE DATA											
<p>Fax Number: 2486410270  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 248-641-1600        Email: pneal@hdp.com        Correspondent Name: HARNESS, DICKEY &amp; PIERCE, P.L.C.        Address Line 1: P.O. BOX 828        Address Line 4: BLOOMFIELD HILLS, MICHIGAN 48303</p>											
ATTORNEY DOCKET NUMBER:	5074PS-000048										
NAME OF SUBMITTER:	Richard W. Warner										
Signature:	/Richard W. Warner/										
Date:	09/17/2013										

CH \$40.00 13944650

Total Attachments: 4

source=PS48-Assignment#page1.tif

source=PS48-Assignment#page2.tif

source=PS48-Assignment#page3.tif

source=PS48-Assignment#page4.tif

## **ASSIGNMENT BY INVENTORS**

**THIS ASSIGNMENT** is made by **John W. Kulas**, residing at 309 Maloney Court, Euless, Texas 76040; and **Donald E. Stearns**, residing at 4200 Northern Cross Blvd., Apt. 13107, Fort Worth, Texas 76137 (hereinafter referred to as Assignors), respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in Surgical Burs With Geometries Having Non-Drifting and Soft Tissue Protective Characteristics, set forth in a Patent application for Letters Patent of the United States, already filed on July 17, 2013 as U.S. Application No. 13/944,650 ; and

**WHEREAS**, Medtronic PS Medical, Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 826 Coal Creek Circle, Coal Creek Corporate Center One, Louisville, Colorado 80027 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, including the right to recover for past infringements, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for

which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

HARNESS, DICKEY & PIERCE, P.L.C.

All practitioners at Customer Number 27572


AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

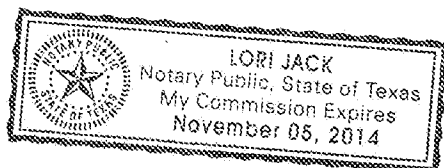
  
\_\_\_\_\_  
John W. Kulas

Date: 31 Jul 13

United States of America )  
State of Texas ) ss.:  
County of Tarrant )

On this 31<sup>st</sup> day of July, 2013, before me personally came John W. Kulas, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

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



Donald E. Stearns

Donald E. Stearns

Date: 31-July-13

United States of America )  
State of Texas ) ss.:  
County of Tarrant )

On this 31st day of July, 2013, before me  
personally came Donald E. Stearns, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

Lori Jack

Notary Public

17903603.1

