

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3386760

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                 |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                     |
| <b>CONVEYING PARTY DATA</b>   |                                |
| <b>Name</b>   | <b>Execution Date</b>          |
| KAREL F.A.A. SMITS  | 10/13/2008                     |
| JEAN JOSEPH GERARDUS RUTTEN   | 10/10/2008                     |
| MARK LAZEROMS   | 10/10/2008                     |
| <b>RECEIVING PARTY DATA</b>   |                                |
| <b>Name:</b>  | MEDTRONIC, INC.                |
| <b>Street Address:</b>  | 710 MEDTRONIC PARKWAY NE       |
| <b>Internal Address:</b>  | MAIL STOP LC340                |
| <b>City:</b>  | MINNEAPOLIS                    |
| <b>State/Country:</b>   | MINNESOTA                      |
| <b>Postal Code:</b>   | 55432                          |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                |
| <b>Property Type</b>  | <b>Number</b>                  |
| <b>Application Number:</b>  | 14321091                       |
| <b>CORRESPONDENCE DATA</b>  |                                |
| <b>Fax Number:</b>  | (651)367-0471                  |
| <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>   | 763-526-1640                   |
| <b>Email:</b>   | molly.a.chlebeck@medtronic.com |
| <b>Correspondent Name:</b>  | SCOTT A. BARDELL               |
| <b>Address Line 1:</b>  | 710 MEDTRONIC PARKWAY NE       |
| <b>Address Line 2:</b>  | MAIL STOP MVC22                |
| <b>Address Line 4:</b>  | MINNEAPOLIS, MINNESOTA 55432   |
| <b>ATTORNEY DOCKET NUMBER:</b>  | P0022853.USV4                  |
| <b>NAME OF SUBMITTER:</b>   | SCOTT A. BARDELL               |
| <b>SIGNATURE:</b>   | /Scott A. Bardell/             |
| <b>DATE SIGNED:</b>   | 06/08/2015                     |
| <b>Total Attachments: 4</b>   |                                |
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**ASSIGNMENT**

WHEREAS, WE, **Karel F.A.A. Smits; Jean Joseph Gerardus Rutten; and Mark Lazeroms**, are the inventors of **"Impedance Guided Tunneling Tool"** for which an application for Letters Patent was filed on October 31, 2008, under Serial No. 12/262,560; and

WHEREAS, MEDTRONIC, INC., a corporation organized and existing under the laws of the State of Minnesota and having a principal place of business at 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432-5640, hereinafter referred to as "Corporation," is desirous of acquiring the entire right, title and interest in and to said invention for the United States and for all foreign countries and in and to any and all foreign and domestic Letters Patent which may be granted therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Corporation, its successors and assigns, the entire right, title and interest in and to said invention and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor including our rights under the International Convention for the Protection of Industrial Property, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Letters Patent that may be granted, the same to be held and enjoyed by Corporation for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made, and also hereby authorize Corporation and its employees to fill in the serial number and filing date above after this document has been executed;

AND, for the consideration aforesaid, we materially represent to Corporation, its successors and assigns, that at the time of the execution and delivery of these presents, we are the sole lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above mentioned, and that the same are unencumbered, and that we have good right and lawful authority to sell and convey the same in the manner herein set forth;

AND, for the consideration aforesaid, we hereby individually covenant and agree to and with Corporation, its successors and assigns, that whenever its counsel or the counsel of its successors or assigns, learned in the law, shall advise that an amendment or division of, or continuation or any continuation-in-part thereof, or any other proceeding in connection with the filing or prosecution of said domestic or foreign patent applications, including interference proceedings, is lawful and desirable, or that a reissue of extension of said Letters Patent is lawful and desirable, we, or our executors, administrators or assigns will sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid

Letters Patent for said invention, or for the reissue or extension of the same, without charge to Corporation, its successors or assigns, but at Corporation's expense.

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 13<sup>th</sup> day of October, 2008.

  
Karel F.A.A. Smits

\_\_\_\_\_  
WITNESS

\_\_\_\_\_  
Printed Name

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WITNESS

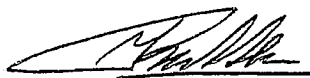
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REEL: 035802 FRAME: 0844

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 10<sup>e</sup> day of OCTOBER, 2008.



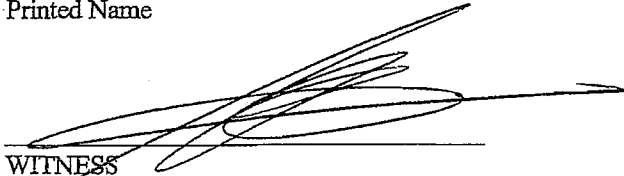
Jean Joseph Gerardus Rutten



WITNESS

Mark Lazeroms

Printed Name



WITNESS

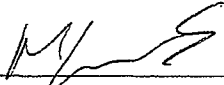
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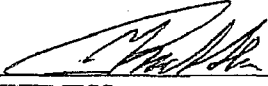
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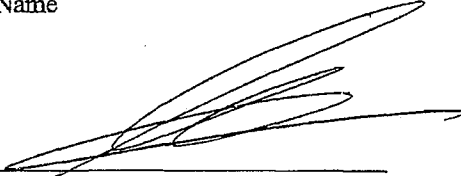
I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 10<sup>th</sup> day of October, 2008.

  
\_\_\_\_\_  
Mark Lazeroms

  
\_\_\_\_\_  
WITNESS

Jean Buller  
Printed Name

  
\_\_\_\_\_  
WITNESS

Robert Camps  
Printed Name

ASSIGNMENT  
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