

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Paul S. Kratoska</td> <td>04/09/2012</td> </tr> <tr> <td>Robert L. Olson</td> <td>04/09/2012</td> </tr> <tr> <td>Bruce A. Behymer</td> <td>04/11/2012</td> </tr> <tr> <td>Alan O. Fung</td> <td>04/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Paul S. Kratoska	04/09/2012	Robert L. Olson	04/09/2012	Bruce A. Behymer	04/11/2012	Alan O. Fung	04/24/2012		
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Medtronic, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>710 Medtronic Parkway NE</td> </tr> <tr> <td>Internal Address:</td> <td>Mail Stop LC340</td> </tr> <tr> <td>City:</td> <td>Minneapolis</td> </tr> <tr> <td>State/Country:</td> <td>MINNESOTA</td> </tr> <tr> <td>Postal Code:</td> <td>55432</td> </tr> </table>		Name:	Medtronic, Inc.	Street Address:	710 Medtronic Parkway NE	Internal Address:	Mail Stop LC340	City:	Minneapolis	State/Country:	MINNESOTA	Postal Code:	55432
Name:	Medtronic, Inc.												
Street Address:	710 Medtronic Parkway NE												
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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>13455735</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13455735								
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Application Number:	13455735												
CORRESPONDENCE DATA													
<p>Fax Number: (763)505-2530</p> <p>Phone: 763-505-5000</p> <p>Email: medtronic_neuro_docketing@cardinal-ip.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Medtronic Inc. (Neuro)</p> <p>Address Line 1: 710 Medtronic Parkway NE</p> <p>Address Line 2: MS: LC340 Legal Patents</p> <p>Address Line 4: Minneapolis, MINNESOTA 55432</p>													
ATTORNEY DOCKET NUMBER:	P0034707.USU1 / LG10137												
NAME OF SUBMITTER:	Paul Sherburne												

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Total Attachments: 6

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PATENT

REEL: 028105 FRAME: 0957

ASSIGNMENT OF APPLICATION

WHEREAS, WE,

- (1) Paul S. Kratoska, residing at 8670 Emerson Avenue North, Brooklyn Park, MN 55444 US;
- (2) Robert L. Olson, residing at 4469 Wood Duck Drive, Vadnais Heights, MN 55127 US;
- (3) Bruce A. Behymer, residing at 10380 Jody Avenue Court, Grant, MN 55082 US; and
- (4) Alan O. Fung residing at 1/103 Herring Road, Mansfield, NSW, Australia 2122;

have made an invention relating to Medical Tunneling Device and Method, for which we have executed an application for Letters Patent of United States of America,

- ☒ for which an application for a United States Patent is being filed contemporaneously herewith;
- ☐ for which an application for a United States Patent identified as U.S. Patent Application No. _____, was filed on _____;
- ☒ for which above application claims priority to U.S. Provisional Patent Application No. 61/480,599, filed April 29, 2011, and U.S. Provisional Patent Application No. 61/480,594, filed April 29, 2011;
- ☐ which application is identified as PCT International Patent Application No. _____; filed _____, 20_____;

Whereas, Medtronic, Inc., a corporation organized and existing under the laws of the State of Minnesota and having a principle place of business at 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432-5604, 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 therefore;


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 therefore 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, including the right to enforce such Letters Patent as fully and entirely as the same would have been held and enjoyed by the assignors if this assignment had not been made; together with all claims by assignors for damages by reason of past infringement or for provisional rights and including the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns, and other legal representatives;

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;


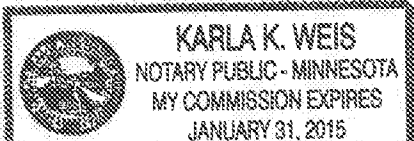

AND, for the consideration aforesaid, we hereby individually covenant and agree to and with Corporation, its successors and assigns, that whenever its counsel or the counsel of its successors or assigns, learned in the law, shall advise that an amendment or division of, or continuation or any continuation-in-part thereof, or any other proceeding in connection with the filing or prosecution of said domestic or foreign patent applications, including interference

Assignment

I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said Medtronic, Inc., as the assignee of the entire right, title, and interest therein.

Given Name (first and middle initial [if any]): Paul S.		Family Name or Surname (last name): Kratoska	
Inventor's Signature: <i>Paul Kratoska</i>		Date: 4-9-12	
City and State: Brooklyn Park, MN		Country: USA	Citizenship: US
STATE OF MINNESOTA)) ss. COUNTY OF ANOKA)			
On this <u>9th</u> day of <u>April</u> , 2012, before me personally appeared the above-named Paul S. Kratoska, and who executed the foregoing instrument as said person's free act and deed, on the day and year aforesaid.			
(Seal)	 <p>THERESA C. TO Notary Public-Minnesota My Commission Expires Jan 31, 2015</p>		
	<i>Theresa C. To</i> _____ Notary Public		

Given Name (first and middle initial [if any]): Robert L.		Family Name or Surname (last name): Olson	
Inventor's Signature: 		Date: 09 Apr 2012	
City and State: Vadnais Heights, MN		Country: USA	Citizenship: US
STATE OF MINNESOTA)) ss. COUNTY OF ANOKA)			
On this <u>9th</u> day of <u>April</u> , 2012, before me personally appeared the above-named Robert L. Olson, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal) THERESA C. TO Notary Public-Minnesota My Commission Expires Jan 31, 2016		<u>Theresa C. To</u> Notary Public	

Given Name (first and middle initial [if any]): Bruce A.		Family Name or Surname (last name): Behymer	
Inventor's Signature: 		Date: 11 APR 2012	
City and State: Grant, MN		Country: USA	Citizenship: US
STATE OF MINNESOTA)) ss. COUNTY OF ANOKA)			
On this 11th day of April, 2012, before me personally appeared the above-named Bruce A. Behymer, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)	 KARLA K. WEIS NOTARY PUBLIC - MINNESOTA MY COMMISSION EXPIRES JANUARY 31, 2015	 _____ Notary Public	

Given Name (first and middle initial [if any]): Alan O.		Family Name or Surname (last name): Fung	
Inventor's Signature:		Date:	
Residence (City and State): Mansfield, NSW		Country: Australia	Citizenship: GB
Witness Signature		Witness Signature	
Witness Printed Name		Witness Printed Name	

ASSIGNMENT OF APPLICATION

WHEREAS, WE,

- (1) Paul S. Kratoska, residing at 8670 Emerson Avenue North, Brooklyn Park, MN 55444 US;
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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 therefore 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, including the right to enforce such Letters Patent as fully and entirely as the same would have been held and enjoyed by the assignors if this assignment had not been made; together with all claims by assignors for damages by reason of past infringement or for provisional rights and including the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns, and other legal representatives;

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

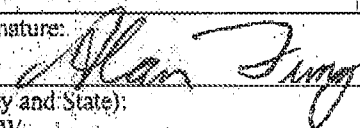
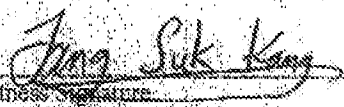
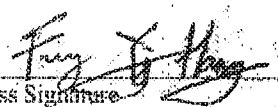
Assignment

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Given Name (first and middle initial [if any]): Paul S.		Family Name or Surname (last name): Kratoska	
Inventor's Signature:		Date:	
City and State: Brooklyn Park, MN		Country: USA	Citizenship: US
STATE OF MINNESOTA)) ss. COUNTY OF ANOKA)			
On this _____ day of _____, 2012, before me personally appeared the above-named Paul S. Kratoska, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)		_____ Notary Public	

Given Name (first and middle initial [if any]): Robert L.		Family Name or Surname (last name): Olson	
Inventor's Signature:		Date:	
City and State: Vadnais Heights, MN		Country: USA	Citizenship: US
STATE OF MINNESOTA)) ss. COUNTY OF ANOKA)			
On this _____ day of _____, 2012, before me personally appeared the above-named Robert L. Olson; and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)		_____ Notary Public	

Given Name (first and middle initial [if any]): Bruce A.		Family Name or Surname (last name): Behymer	
Inventor's Signature:		Date:	
City and State: Grant, MN		Country: USA	Citizenship: US
STATE OF MINNESOTA)) ss. COUNTY OF ANOKA)			
On this _____ day of _____, 2012, before me personally appeared the above-named Bruce A. Behymer, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)		_____ Notary Public	

Given Name (first and middle initial [if any]): Alan O.		Family Name or Surname (last name): Fung	
Inventor's Signature: 		Date: 4/24/2012	
Residence (City and State): Mansfield, NSW		Country: Australia	Citizenship: GB
 Witness Signature		 Witness Signature	
Tang Suk Kang Witness Printed Name		Fung Yi Hang Witness Printed Name	