### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

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

### **RECEIVING PARTY DATA**

Name:	Medtronic, Inc.
Street Address:	710 Medtronic Parkway NE
Internal Address:	Mail Stop LC340
City:	Minneapolis
State/Country:	MINNESOTA
Postal Code:	55432

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13455735

### CORRESPONDENCE DATA

Fax Number: (763)505-2530 Phone: 763-505-5000

Email: medtronic\_neuro\_docketing@cardinal-ip.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Medtronic Inc. (Neuro)

Address Line 1: 710 Medtronic Parkway NE

Address Line 2: MS: LC340 Legal Patents

Address Line 4: Minneapolis, MINNESOTA 55432

ATTORNEY DOCKET NUMBER:	P0034707.USU1 / LG10137	
NAME OF SUBMITTER:	Paul Sherburne	PATENT

501900294 REEL: 028105 FRAME: 0956

13455735

# Total Attachments: 6 source=P0034707USU1assignment#page1.tif source=P0034707USU1assignment#page2.tif source=P0034707USU1assignment#page3.tif source=P0034707USU1assignment#page4.tif source=P0034707USU1assignment#page5.tif source=P0034707USU1assignment#page6.tif

PATENT REEL: 028105 FRAME: 0957

Attorney Docket No.: P0034707.USUI

# ASSIGNMENT OF APPLICATION

## WHEREAS, WE,

- Paul S. Kratoska, residing at 8670 Emerson Avenue North, Brooklyn Park, MN 55444 US; (1) **(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, ightharpoologies 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

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

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

Page 1 of 3 Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432 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/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.

Family Name or Surname (last name):

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle initial [if any]):

1 441 5.	Kratoska		
Inventor's Signature:	Date:		·
Paul Anotalic	4-9-12	~	
City and State: Brooklyn Park, MN	Country: USA	Citizenship: US	**************************************
STATE OF MINNESOTA )  > ss.  COUNTY OF ANOKA			
On this 9th day of april 2 who executed the foregoing instrument was said p THERESA C. TO Notary Public Minnecota (Seal)	012, before me personally appeare erson's free act and deed, on the de		nd
			~~~~
Circo Name (C	, , , , , , , , , , , , , , , , , , ,		
Given Name (first and middle initial [if any]): Robert L.	Family Name or Surname (last r	ame);	
Inventor's Signature:	Date: OP HW2	717 _	
City and State: Vadnais Heights, MN	Country: USA	Citizenship: US	
STATE OF MINNESOTA )			
COUNTY OF ANOKA ) ss.			***************************************
On this Ath day of April , 201 who executed the foregoing instrument, as said pe	2, before me personally appeared t rson's free act and deed, on the day	he above-named Robert L. Olson, and and year aforesaid.	***************************************
(See Notation Express Jan 31, 2016	<u>Alusae</u> Notary Public	<u> </u>	***************************************
	Marian Commission of the Commi		

Given Name (first and middle initial [if any]):  Bruce A.	Family Name or Surname (last name):  Behymer		
Inventor's Signature:		Date:	2012
City and State! Grant, MN		Country: USA	Citizenship: US
Grant, MN  STATE OF MINNESOTA  SS.  COUNTY OF ANOKA  On this Market and day of Market and deed, on the day and year aforesaid.  (Seal)  KARLA K. WEIS  NOTARY PUBLIC - MINNESOTA  MY COMMISSION EXPIRES  JANUARY 31, 2015  US  US  US  COUNTY OF ANOKA  Notary Public  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 Signa	ifure
Witness Printed Name	Witness Printed Name	

REEL: 028105 FRAME: 0960

Attorney Docket No.: P0034707.USUI

# SSIGNMENT OF APPLICATION

## WHEREAS, WE

- Paul S. Krajoska, 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. Behvmer, residing at 10380 Jody Avenue Court, Grant, MN 55082 US; and
- Alan O. Fung residing at 1/103 Herring Road, Mansfield, NSW, Australia 2122;

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÷.	$\boxtimes$	for which above application claims principles		± 41		
	1.5	for which above application claims priority to U.S. Provisi 2011, and U.S. Provisional Patent Application No. 61/480,5 which application is identified.	onal Patent Applicat	ion No. 61/4	180.500 Stad	ممانسته ا
٠,	1	- 11. Application No. 61/480 5	94, filed April 29, 20	111:	Benefit S. THOU	- Mpou Zy,
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		20	raum Application	No.		_ : filed
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	8 3	William and & or a first	· •	* *		11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Whereas, Medironic, Inc., a corporation organized and existing under the laws of the State of Minnesota and having a principle place of business at 710 Medironic 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

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 Parent 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 ser 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

Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432

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/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 Medironic, Inc., as the assignee of the entire right, title, and interest therein.

Family Nome or Surname (last name):

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Kratoska

Given Name (first and middle initial [if any]):

Paul S.

Inventor's Signature:	Date:	
City and State: Brooklyn Park, MN	Country: USA	Citizenship: US
STATE OF MINNESOTA )  STATE OF MINNESOTA )  STATE OF MINNESOTA )  STATE OF MINNESOTA )	ne regger gillige meder i men de regille galet de regerber i agager me	в 11 году выбатная от так таковары в покаваны пійх так дуджувую зідкую к запурова за удавую до
On this day of 20 who executed the foregoing instrument, as said pe	<ol> <li>before me personally appeared the rson's free act and deed, on the day a</li> </ol>	c above-named Paul S. Kratoska, and and and great aforesaid.
(Seal)		
	Notary Public	
Given Name (first and middle initial (if any)):  Robert L.	Family Name or Surname (last nam Olson	1e):
Inventor's Signature:	Date:	
City and State: Vadnais Heights, MN	Country: USA	Cittzenship: US
STATE OF MINNESOTA )  SS.  COUNTY OF ANOKA )		
On this day of .201 who executed the foregoing instrument, as said pe	<ol><li>before me personally appeared the rson's free act and deed, on the day a</li></ol>	above-named Robert L. Olson, and nd year aforesaid.
(Seal)	:	
	Notary Public	

Page 2 of 3 Medironia, Inc., 710 Medironia Parkway, Minneapolis, MN

Given Name (first and middle initial [if any]): Bruce A.	Family Name or Surname (last name): Behymer	anamananan samanan ya kata dibaha kata dibaha kata kata wa ya wa kata dibaha kata
Inventor's Signature:	Date:	
City and State: Grant, MN	Country: USA	Citizenship: US
STATE OF MINNESOTA )  SS.  COUNTY OF ANOKA )	The second secon	
On this day of , 20 who executed the foregoing instrument, as said p	12, before me personally appeared the abserson's free act and deed, on the day and	ove-named Bruce A. Behymer, and year aforesaid.
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	nompromoting (1991) to 11(1-1888) (1994) to 1888 (1994) to 1884 (1994) to 1884 (1994) to 1884 (1994) to 1884 (1994)	
Given Name (first and middle initial [if any]): Alan O.	Family Name or Surname (last name):	annumentur (necessarium en externa com en
Inventor's Signature:	Date: 4/05/	2012
Residence (City and State): Mansfield, NSW	Country: Australia	Citizenship: GB

Assignm**ent** 

Page 3 of 3 Meditonic, Inc., 710 Meditonic Farkway, Minneapolia, MN 55432