PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gerald M. Herman	06/20/2011
David R. Walsh	06/20/2011
Richard O. Berg	06/20/2011
Lester O. Stener	06/20/2011

RECEIVING PARTY DATA

Name:	Medtronic, Inc.
Street Address:	710 Medtronic Parkway N.E.
City:	Minneapolis
State/Country:	MINNESOTA
Postal Code:	55432-5640

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13168297

CORRESPONDENCE DATA

Fax Number: (651)735-1100

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 763 514 4000

Email: pairdocketing@ssiplaw.com

Correspondent Name: Medtronic, Inc.

Address Line 1: 710 Medtronic Parkway

Address Line 4: Minneapolis, MINNESOTA 55432

ATTORNEY DOCKET NUMBER: P0040432.00/1111-314US01

NAME OF SUBMITTER: Jeffrey D. Wilford

Total Attachments: 6

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PATENT REEL: 026496 FRAME: 0298 1316829

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PATENT REEL: 026496 FRAME: 0299

Attorney Docket No.: P0040432.00/1111-314US01

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

	EMI SHIELD FOR MEDICAL DEVICE TELEMETRY ANTENNA
\boxtimes	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;
	which application is identified as PCT International Patent Application No; filed;
hav	Whereas, Medtronic, Inc., a corporation organized and existing under the laws of the State of Minnesota and ing a principle place of business at 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432-5640, hereinafte

having a principle 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 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, including any provisional application disclosing 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 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.

Assignment

Page 1 of 3 Attorney Docket No.: P0040432.00/1111-314US01 Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432

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.

In witness whereof, I/we have signed my/our name(
Given Name (first and middle initial [if any]):	Family Name or Surname (I	
Gerald M.	Herman	GMH
Inventor's Signature:	Date: JOH	9011
City and State:	Country:	Citizenship:
Fridley, MN	USA	United States of America
STATE OF MINNESOTA)		
On this	d who executed the foregonesaid.	efore me personally ing instrument, as said
My Commission Expires Jan 31, 2015 \$	Notary Proble	
Given Name (first and middle initial lif anyl):	Family Name or Surname (1	ast name);
Given Name (first and middle initial [if any]): David R.	Family Name or Surname (I.	ast name);
	Walsh Date:	hannisalmaniamikustinaan marka pari vii vii vii vii vii vii vii vii vii v
David R.	Walsh Date:	e-2011 Citizenship:
David R. Inventor's Signature.	Walsh Date: 20-Jun	Named all market management and the second s
David R. Inventor's Signature. Residence (City and State):	Walsh Date: 20-Jun Country: USA , 201, be who executed the foregoing	Citizenship: United States of America
Residence (City and State): River Falls, WI STATE OF (COUNTY OF Laws) On this Law day of appeared the above-named David R. Walsh, and w	Walsh Date: 20-Jun Country: USA , 201, be who executed the foregoing	Citizenship: United States of America

Assignment

Page 2 of 3 Attorney Docket No.: P0040432.00/1111-314US01 Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432

Given Name (first and middle initial [if any]):	Family Name or Sumame (la	ast name):
Richard O.	Berg	
Inventor's Signature:	Date:	
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Residence (City and State):	Country:	Citizenship:
Maple Grove, MN	USA	United States of America
STATE OF MINNESOTA)		
(Daniel) ss.		
COUNTY OF LAWRY	n f	
On this 10th day of 1110	2011 . be	fore me personally
appeared the above-named Richard O, Berg, and w	ho executed the foregoing	g instrument, as said
person's free act and deed, on the day and year afor		
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MADDANNA M. COUDDEDED S	1/20	. //
MADONNA M. SCHROEDER \$ (Seal) Notary Public Minnesota	MXttu	W/
My Commission Expires Jan 31, 2015	Notary Public	
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Les Inventor's Signature: Residence (City and State): Blaine, MN STATE OF MINNESOTA)) ss.	Stener Date: Country:	Citizenship:
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Les Inventor's Signature: Residence (City and State): Blaine, MN STATE OF MINNESOTA) SS. COUNTY OF) On this day of	Stener Date: Country: USA	Citizenship: United States of America fore me personally
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Les Inventor's Signature: Residence (City and State): Blaine, MN STATE OF MINNESOTA)	Stener Date: Country: USA , be ecuted the foregoing instr	Citizenship: United States of America fore me personally
Les Inventor's Signature: Residence (City and State): Blaine, MN STATE OF MINNESOTA)	Stener Date: Country: USA	Citizenship: United States of America fore me personally

Attorney Docket No.: P0040432.00/1111-314US01

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

	EMI SHIELD FOR MEDICAL DEVICE TELEMETRY ANTENNA
M	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;
	which application is identified as PCT International Patent Application No; filed
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	Whereas, Medtronic, Inc., a corporation organized and existing under the laws of the State of Minnesota and

Whereas, <u>Medtronic, Inc.</u>, a corporation organized and existing under the laws of the State of Minnesota and having a principle place of business at <u>710 Medtronic Parkway N.E.</u>, <u>Minneapolis</u>, <u>Minnesota 55432-5640</u>, 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, including any provisional application disclosing 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-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 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.

Page 1 of 3 Attorney Docket No.: P0040432.00/1111-314US01 Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432

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.

on the day and year set for	in octow.
Family Name or Surname (last name):	
Herman	
Date:	
Country:	Citizenship: United States of America
USA	Ullieu States VI America
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Notary Public	
Family Name or Surname (Is	ist name).
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Date:	
Country: USA	Citizenship: United States of America
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Notary Public	
	Family Name or Surname (la Herman Date: Country: USA beauthor executed the foregoing resaid. Family Name or Surname (la Walsh Date: Country: USA beauthor executed the foregoing resaid.

Page 2 of 3 Attorney Docket No.: P0040432.00/1111-314US01 Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432

Assignment

Given Name (first and middle initial [if any]): Richard O.	Family Name or Surname (la Berg	ast name):
Inventor's Signature:	Date:	
Residence (City and State): Maple Grove, MN	Country: USA	Citizenship: United States of America
STATE OF MINNESOTA) ss.		
On this day of appeared the above-named Richard O, Berg, and w	,, be	efore me personally
appeared the above-named Richard O, Berg, and w person's free act and deed, on the day and year afor	ho executed the foregoin esaid.	g instrument, as said
(Seal)	Notary Public	
Given Name (first and middle initial [if any]):	Family Name or Surname (I	ast name):
Given Name (first and middle initial [if any]): Les	Stener Date:	ast name):
Les Lester O. L.S.	Stener	Citizenship: United States of America
Inventor's Signature: Residence (City and State): Blaine, MN STATE OF MINNESOTA)	Stener Date: 6-20-11 Country:	Citizenship:
Inventor's Signature. Residence (City and State): Blaine, MN STATE OF MINNESOTA) ss. COUNTY OF ANOLA)	Stener Date: 6-20-11 Country: USA 3011, be	Citizenship: United States of America efore me personally

Assignment

RECORDED: 06/24/2011

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PATENT REEL: 026496 FRAME: 0305