PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Ronald A Drake	10/14/2010
Stanten C Spear	10/14/2010
Lester O Stener	10/14/2010
Gary R Fiedler	10/14/2010
Scott W Hayden	10/15/2010
Kendra Yasger	10/15/2010

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12848044

CORRESPONDENCE DATA

501323080

Fax Number: (763)505-2530

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

Phone: (763) 526-1564

Email: susan.m.nienaber@medtronic.com

Correspondent Name: Reed A. Duthler

Address Line 1: 710 Medtronic Parkway Address Line 2: Mail Stop LC340

Address Line 4: Minneapolis, MINNESOTA 55432

ATTORNEY DOCKET NUMBER: P0036991.00

REEL: 025154 FRAME: 0350

PATENT

NAME OF SUBMITTER:	Susan M. Nienaber
Total Attachments: 4 source=EFS_executed_assignment#page1. source=EFS_executed_assignment#page2. source=EFS_executed_assignment#page3. source=EFS_executed_assignment#page4.	tif tif

PATENT REEL: 025154 FRAME: 0351

Attorney Docket No.: P0036991.00

ASSIGNMENT OF APPLICATION

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

inv	ention in		
	MEDICAL DELIVERY SYSTEMS AND APPARATUS		
	for which an application for a United States Patent is being filed contemporaneously herew	vith;	
	for which an application for a United States Patent identified as U.S. Patent Application No on July 30, 2010;	o. 12/848,044 ; v	was filed
	for which above application claims priority to U.S. Provisional Patent Application No.	; filed on	;
	which application is identified as PCT International Patent Application No.; filed;		

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, Minnesota 55432-5604</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 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.

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.

Assignment

Page 1 of 4 Attorney Docket No.: P0036991.00 Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432

Given Name (first and middle initial [if any]): Ronald A.	Family Name or Surname (last Drake	ly Name or Surname (last name): (e Date:	
Inventor's Signature:			
City and State: St. Louis Park, Minnesota	Country: USA	Citizenship: US	
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this day of October and who executed the foregoing instrument, as sa (Seal) SUSAN M. NIENABE My Countestin Esquess and St. 8	nid person's free act and deed, on t	he day and year aforesaid.	
Given Name (first and middle initial [if any]): Stanten C.	Family Name or Surname (last Spear	name):	
Inventor's Signature:	Date: / 0 / 1 4	12016	
Residence (City and State): Arden Hills, Minnesota	Country: USA	Citizenship: US	
the state of the s			

Given Name (first and middle initial [if any]): Family Na Les (C) Stener		Name or Surname (last name):	
Inventor's Signature:		Date: 10/14/10	
Residence City and State): Blaine, Minnesota		Country: / / USA	Citizenship: US
STATE OF MINNESOTA)			
COUNTY OF RAMSEY On this 144 day of <u>(X20122</u>) and who executed the foregoing instrument, as sai	id person's i		nally appeared the above-named , and year aforesaid.
(Seal) SUSAN M. NIENABER Notary Public-Minnesota Notary Public Notary Public			
Given Name (first and middle initial [if any]): Gary R.	Family N Fiedler	ame or Surname (last name):	
Inventor's Signature		Date: /4/-0 <t-20 0<="" td=""></t-20>	
Residence (City and State): Forest Lake, Minnesota		Country: USA	Citizenship: US
On this day of d			
Given Name (first and middle initial [if any]): Scott W.	Family N Hayden	ame or Surname (last name):	
Inventor's Signature Residence (City and State): Maple Grove, Minnesota		Date: SOT ZOIO Country: USA	Citizenship: US
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this	id person's 1	act and deed, on the day ar	nally appeared the above-named, and year aforesaid.
(Seal) SUSAN M. N/ENABER Notary Public-Minnesota Ny Commission Expires Jan 31, 2015		Notary Public	

Assignment

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

Attorney Docket No.: P0036991.00

Given Name (first and middle initial [if any]): Kendra	Family Name or Surname (last name): Yasger	
Inventor's Signature:	Date: (S - 0CT	··· > ~ : ~
Residence (City and State). Big Lake, Minnesota	Country: USA	Citizenship: US
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this day of and who executed the foregoing instrument, as	said person's free act and deed, on	me personally appeared the above-named, the day and year aforesaid.
(Seal) SUSAN M. NIENABE Notary Public-Minnesota My Commission Express Jan 31, 20	Notary Public	<u> Lienaber</u>

Assignment

RECORDED: 10/18/2010

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PATENT REEL: 025154 FRAME: 0355