

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Orhan Soykan</td> <td>07/03/2012</td> </tr> <tr> <td>VenKatesh R. Manda</td> <td>06/27/2012</td> </tr> <tr> <td>Martin T. Gerber</td> <td>06/26/2012</td> </tr> <tr> <td>Christopher M. Hobot</td> <td>06/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Orhan Soykan	07/03/2012	VenKatesh R. Manda	06/27/2012	Martin T. Gerber	06/26/2012	Christopher M. Hobot	06/27/2012
Name	Execution Date										
Orhan Soykan	07/03/2012										
VenKatesh R. Manda	06/27/2012										
Martin T. Gerber	06/26/2012										
Christopher M. Hobot	06/27/2012										
RECEIVING PARTY DATA											
Name:	Medtronic, Inc.										
Street Address:	710 Medtronic Parkway NE										
Internal Address:	LC340										
City:	Minneapolis										
State/Country:	MINNESOTA										
Postal Code:	55432										
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>13451461</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13451461						
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Application Number:	13451461										
CORRESPONDENCE DATA											
Fax Number:	7635052530										
Phone:	763-505-2523										
Email:	juanita.traufler@medtronic.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Juanita I. Traufler										
Address Line 1:	710 Medtronic Parkway NE										
Address Line 2:	LC340										
Address Line 4:	Minneapolis, MINNESOTA 55432										
ATTORNEY DOCKET NUMBER:	C00003035USU1/CO01534.017										
NAME OF SUBMITTER:	Kenneth J. Collier										

CH \$40.00 13451461

**Total Attachments: 8**

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  <small>(to be used for all correspondence after initial filing)</small>	Application Number	13451461
	Filing Date	April 19, 2012
	First Named Inventor	Orhan Soykan, et al.
	Art Unit	1629 /Confirmation 8245
	Examiner Name	
Total Number of Pages in This Submission	<b>8</b>	Attorney Docket Number C00003035.USU1/MED-29021/US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Assignment
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	Recordation Cover Sheet
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Medtronic, Inc.		
Signature	/Kenneth J. Collier/		
Printed name	Kenneth J. Collier		
Date	July 24, 2012	Reg. No.	34982

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Juanita I. Trauffer	Date	7/27/12

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Orhan Soykan  
VenKatesh R. Manda  
Martin T. Gerber  
Christopher M. Hobot

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: Medtronic, Inc.

Internal Address: LC340

Street Address: 710 Medtronic Parkway NE

City: Minneapolis

State: Minnesota

Country: US Zip: 55432

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 07/03/12; 06/27/12; 06/26/12; 06/27/12

- Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

13/451,461

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Kenneth J. Collier

Internal Address: LC 340

Street Address: 710 Medtronic Parkway NE

City: Minneapolis

State: Minnesota Zip: 55432

Phone Number: 763-505-2521

Docket Number: C00003035.USU1/MED29021/US

Email Address: ken.collier@medtronic.com

**6. Total number of applications and patents involved:** 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 132546

Authorized User Name 2643

**9. Signature:**

/Kenneth J. Collier/

July 19, 2012

Signature

Date

Kenneth J. Collier

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

**8**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

### ASSIGNMENT

WHEREAS, Orhan Soykan, VenKatesh R. Manda, Martin T. Gerber, and Christopher M. Hobot are the inventors of Method and Device to Monitor Patients with Kidney Disease for which we have executed an application for filing in the United States Patent and Trademark Office preparatory to obtaining Letters Patent of the United States as a NonProvisional CIP patent application on March 20, 2012 as USSN 13/424,525 claiming priority to Provisional patent application as USSN 61,480,544 on April 29, 2011; a NonProvisional CIP patent application as USSN 13,424,429 on March 20, 2012 and a NonProvisional CIP patent application as USSN 13/424,479 claiming priority to Provisional patent application as USSN 61,480,532 on April 29, 2011; and as a NonProvisional patent application on April 19, 2012 as USSN 13/451,461; therefor; 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 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 my 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 behalf and use and behalf 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, 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;

ATTORNEY DOCKET: C00003035\_USU1/MED29021/US

U.S. Application Serial No.: 13/451,461

Filed: April 19, 2012

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 or extension of said Letters Patent is lawful and desirable, we, or my 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.

We 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 3<sup>RD</sup> day of JULY 2012.

*Orhan Soykan*

Orhan Soykan

Witness

Date

Witness

Date

STATE OF Minnesota

ss.

COUNTY OF Anoka

On this 3<sup>RD</sup> day of July, 2012, before me personally appeared Orhan Soykan, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

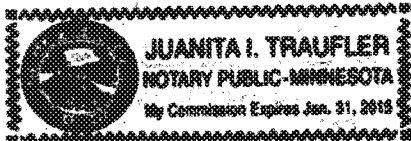
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

*Juanita I. Traufler*

Notary Public

Commission Expires: January 31, 2015

Seal:



IN WITNESS WHEREOF, I have hereunto set my hand on this 27<sup>th</sup> day of June 2012.

VenKatesh R. Manda  
VenKatesh R. Manda

Walter Simon  
Witness

6/27/12  
Date

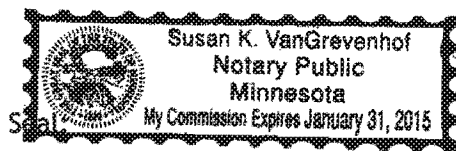
[Signature]  
Witness

6/27/12  
Date

STATE OF Minnesota  
COUNTY OF Dunnopin ss.

On this 27<sup>th</sup> day of June, 2012, before me personally VenKatesh R. Manda, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.



Susan K. VanGrevenhof  
Notary Public  
Commission Expires: January 31, 2015



IN WITNESS WHEREOF, I have hereunto set my hand on this 26 day of June 2012.

Martin T. Gerber  
Martin T. Gerber

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Date

\*\*\*\*\*

STATE OF Minnesota

ss.

COUNTY OF Anoka

On this 26<sup>th</sup> day of June, 2012, before me personally appeared Martin T. Gerber, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

Juanita I. Traufler  
Notary Public  
Commission Expires: January 31, 2015

Seal:



IN WITNESS WHEREOF, I have hereunto set my hand on this 27<sup>th</sup> day of June, 2012.

Christopher M. Hobot  
Christopher M. Hobot

Witness \_\_\_\_\_

Date \_\_\_\_\_

Witness \_\_\_\_\_

Date \_\_\_\_\_

STATE OF Minnesota  
COUNTY OF Anoka SS.

On this 27<sup>th</sup> day of June, 2012, before me personally appeared Christopher M. Hobot, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

Juanita I. Traufler  
Notary Public  
Commission Expires: January 31, 2015

Seal:

