

Docket No. P0033694.00/1111-098US01

FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

Name of conveying parties:	Execution Date (Month/Day/Year)	Name and address of receiving party:
Gregory A. Boser Kevin R. Seifert Greg Garlough	11/17/2008 11/26/2008 11/26/2008	Medtronic, Inc. 710 Medtronic Parkway LC 340 Minneapolis, MN 55432
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Nature of conveyance:	Submission Type:
<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other:	<input type="checkbox"/> New <input type="checkbox"/> Resubmission (Non-Recordation): Document ID #
<input type="checkbox"/> Merger <input type="checkbox"/> Change of Name	<input type="checkbox"/> Correction of PTO Error: Reel # Frame #128 <input checked="" type="checkbox"/> Corrective Document: Reel # 022060 Frame # 0128

- ☐ This document is being filed with a new patent application on.
- ☒ This document is to be recorded against the following patent application or patent:

Patent Application No.

Patent No.(s)

12/211,070

Additional numbers attached? ☐ Yes ☒ No

Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: 1
Name: H. Sanders Gwin, Jr. Address: Shumaker & Sieffert, P.A. 1625 Radio Drive, Suite 300 Woodbury, MN 55125	Total fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account
Please charge any additional fees or credit any overpayments to our Deposit account number: 50-1778	

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Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

H. Sanders Gwin, Jr.  
Name of Person Signing  
Reg. No. 33,242

Signature

Date

Total number of pages of the attached conveyance document including any attachments: 4

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PATENT  
REEL: 022296 FRAME: 0078

CH \$40.00 501778 12211070

ATTORNEY DOCKET: P0033694.00/1111-098US01PATENT**ASSIGNMENT**

WHEREAS, WE, Gregory A. Boser of 7313 Emerson Avenue South, Richfield, MN 55423; Kevin R. Selfert of ~~21929 Eden Avenue Circle North, Forest Lake, MN 55025~~ and Greg Garlough of 9509 Nesbitt Avenue South, Bloomington, MN 55437 are the inventors of MEDICAL ELECTRICAL LEAD, for which an application for a United States Patent was filed on September 15, 2008, under Serial No. 12/211,070; 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 55432-5640, 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 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 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, and also hereby authorize Corporation and its employees to fill in the serial number and filing date above after this document has been executed;

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 or 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 4

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**PATENT****REEL: 022296 FRAME: 0079**

I 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 17<sup>th</sup> day of November, 2008.

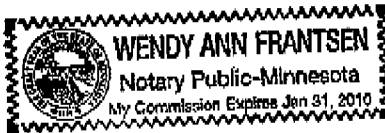
  
Gregory A. Boser

STATE OF MINNESOTA

COUNTY OF

On this 17<sup>th</sup> day of November, 2008, before me personally appeared \_\_\_\_\_, to me known to be the person described in and who executed the foregoing instrument and acknowledged that s/he executed the same as his/her 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.



  
Notary Public

ASSIGNMENT  
Page 2 of 4  
P0033694.00/1111-098US01

PATENT  
REEL: 022296 FRAME: 0080

I 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 26<sup>th</sup> day of November, 2008.

  
Kevin R. Seifert

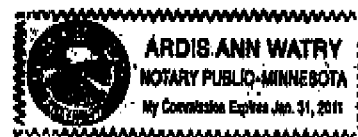
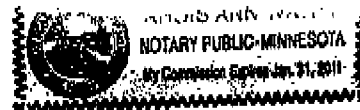
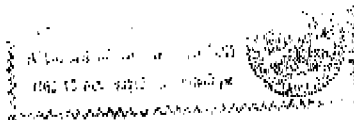
STATE OF MINNESOTA

COUNTY OF Anoka

On this 26<sup>th</sup> day of November, 2008, before me personally appeared \_\_\_\_\_, to me known to be the person described in and who executed the foregoing instrument and acknowledged that s/he executed the same as his/her 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.

  
Notary Public



Jan. 31, 2011

I 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 26 day of November, 2008.

Greg Garlough  
Greg Garlough

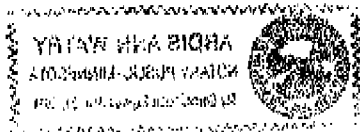
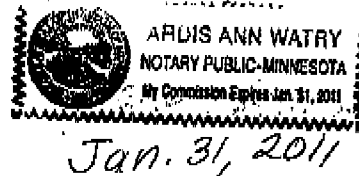
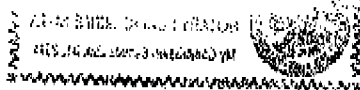
STATE OF MINNESOTA

COUNTY OF Anoka

On this 26<sup>th</sup> day of November, 2008, before me personally appeared \_\_\_\_\_, to me known to be the person described in and who executed the foregoing instrument and acknowledged that s/he executed the same as his/her 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.

Ardis Ann Watry  
Notary Public



ASSIGNMENT

Page 4 of 4

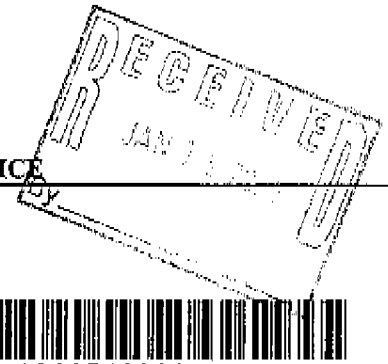
P0033694.00/1111-098US01

PATENT  
REEL: 022296 FRAME: 0082



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



JANUARY 06, 2009

PTAS



\*103542380A\*

H. SANDERS GWIN, JR.  
SHUMAKER & SIEFFERT, P.A.  
1625 RADIO DRIVE, SUITE 300  
WOODBURY, MN 55125

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 12/31/2008

REEL/FRAME: 022060/0128

NUMBER OF PAGES: 7

BRIEF: CORRECTIVE COVER SHEET TO CORRECT THE NAME OF THE ASSIGNOR ON  
ASSIGNMENT PREVIOUSLY RECORDED ON REEL 021906 FRAME 0877.

DOCKET NUMBER: P0033694.00/1111-098US01

## ASSIGNOR:

BOSER, GREGORY A.

DOC DATE: 11/17/2008

## ASSIGNOR:

SEIFERT, KEVIN R.

DOC DATE: 11/26/2008

## ASSIGNOR:

GARLOUGH, GREG

DOC DATE: 11/26/2008

## ASSIGNEE:

~~MEDTRONIC CORP~~

710 MEDTRONIC PARKWAY

LC 340

MINNEAPOLIS, MINNESOTA 55432

MEDTRONIC, INC.

PATENT

REEL: 022296 FRAME: 0083

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SERIAL NUMBER: 12211070

FILING DATE: 09/15/2008

PATENT NUMBER:

ISSUE DATE:

TITLE: MEDICAL ELECTRICAL LEAD

TARA WASHINGTON, EXAMINER  
ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION