

FORM PTO-1564  
1-31-92  
P-7670.07

ASSIGNMENT RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

1. Name of conveying party(ies):

Kevin K. Tidemand  
Daniel C. Haeg  
Craig L. Wiklund  
James F. Kelley  
Jennifer J. Zhao

Andrew J. Ries  
David Rice  
Hui Jin  
James Christenson  
Loc Van Vo

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

Name: MEDTRONIC, INC..  
Internal Address: M.S. LC 340  
Street Address: 710 Medtronic Parkway  
City: MINNEAPOLIS State: MN Zip: 55432

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

3. Nature of conveyance:

[X] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Other \_\_\_\_\_

Execution Date: 08/09/2004 Kevin K. Tidemand  
12/08/2003 Daniel C. Haeg  
12/09/2003 Craig L. Wiklund  
12/10/2003 James F. Kelley  
12/08/2003 Jennifer J. Zhao  
12/10/2003 Andrew J. Ries

12/08/2003 David Rice  
12/08/2003 Hui Jin  
12/08/2003 James Christenson  
12/08/2003 Loc Van Vo  
Additional name(s) & address(es) attached? [ ] Yes [X] No

4. Application number(s) or patent number(s): 10/732,947

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

Additional numbers attached? [ ] Yes [X] No

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

Name: Daniel G. Chapik

Address:

Customer No. 27581

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

7. Total fee (37 CFR 3.41):.....\$40.00

8. Deposit Account Number: 13-2546  
(Attach duplicate copy of this page)

[ ] Enclosed  
[X] Authorized to be charged to deposit account

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9. 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.

Daniel G. Chapik  
Name of Person Signing

[Signature]  
Signature

11/16/04  
Date

Total number of pages including cover sheet, attachments and document: 12

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

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Alexandria, VA 22313-1450

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700131947

PATENT  
REEL: 015389 FRAME: 0260

CH \$40.00 132546 10732947

ATTORNEY DOCKET: P-7670.07

## **ASSIGNMENT**

WHEREAS, WE, Kevin K. Tidemand, Daniel C. Haeg, Craig L. Wiklund, James F. Kelley, Jennifer J. Zhao, Andrew J. Ries, David Rice, Hui Jin, James Christenson, and Loc Van Vo, are the inventors of CONNECTOR HEADER FOR AN IMPLANTABLE MEDICAL DEVICE for which an application for a United States Patent was filed on December 11, 2003, under Serial No. 10/732,947; 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;

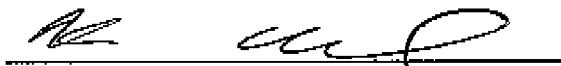
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Corporation, its successors and assigns, the entire right, title and interest 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 behoof and use and behoof 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;

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 hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

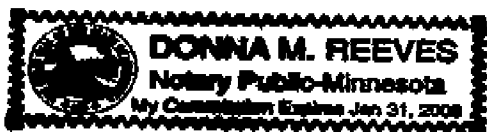
IN WITNESS WHEREOF, I have hereunto set my hand on this 9<sup>th</sup> day of August, 2004.



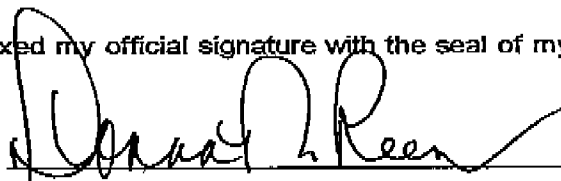
KEVIN K. TIDEMAND

On this 9<sup>th</sup> day of August, 2004, before me personally appeared KEVIN K. TIDEMAND, 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.



Public



Notary

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 8 day of December, 2003.

Daniel C. Haeg  
DANIEL C. HAEG

On this 8th day of December, 2003, before me personally appeared DANIEL C. HAEG, 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.



Kathleen M. Altman  
Notary Public

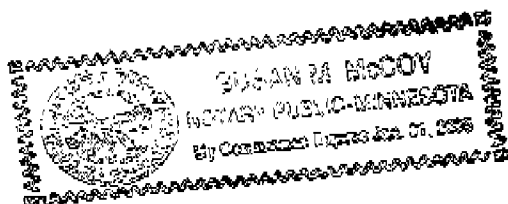
I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this ~~28~~ 9<sup>TH</sup> day of December, 2003.

Craig Wiklund  
CRAIG L. WIKLUND

On this 9<sup>th</sup> day of December, 2003, before me personally appeared CRAIG L. WIKLUND, 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.



Susan M. McCoy  
Notary Public

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

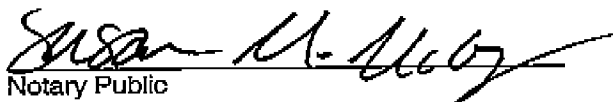
IN WITNESS WHEREOF, I have hereunto set my hand on this 10 day of December, 2003.

  
JAMES F. KELLEY

On this 10<sup>th</sup> day of December, 2003, before me personally appeared JAMES F. KELLEY, 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

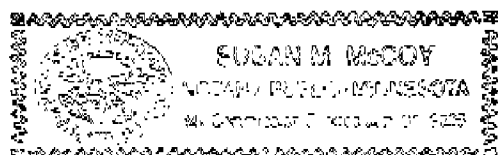
I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 8th day of December, 2003.

  
JENNIFER J. ZHAO

On this 8th day of December, 2003, before me personally appeared JENNIFER J. ZHAO, 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

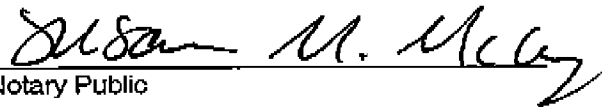
I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

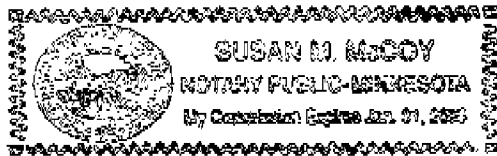
IN WITNESS WHEREOF, I have hereunto set my hand on this 10 day of December, 2003.

  
ANDREW J. RIES

On this 10th day of December, 2003, before me personally appeared ANDREW J. RIES, 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



I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

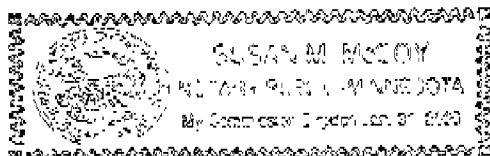
IN WITNESS WHEREOF, I have hereunto set my hand on this 8<sup>th</sup> day of December, 2003.

David Rice  
DAVID RICE

On this 8<sup>th</sup> day of December, 2003, before me personally appeared DAVID RICE, 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.

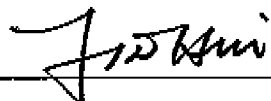
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

Susan M. McCoy  
Notary Public



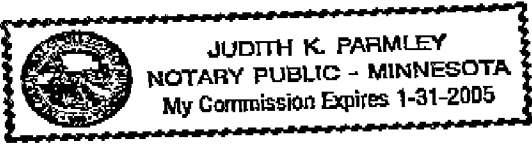
I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 8<sup>th</sup> day of December, 2003.

HUI JIN 

On this 8<sup>th</sup> day of December, 2003, before me personally appeared HUI JIN, 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 

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

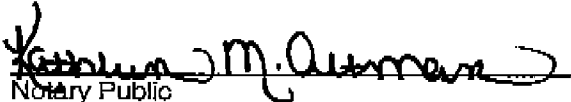
IN WITNESS WHEREOF, I have hereunto set my hand on this 8 day of December, 2003.

  
JAMES CHRISTENSON

On this 8<sup>th</sup> day of December, 2003, before me personally appeared JAMES CHRISTENSON, 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

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 8 day of December, 2003.

for Van Vo  
LOC VAN VO

On this 8th day of December, 2003, before me personally appeared LOC VAN VO, 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.



Kathleen M. Altman  
Notary Public