

08-19-2002

FORM PTO-1584
1-31-92
P-10317.00

ASSIGNM



HEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

102195320

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

1. Name of conveying party(ies):

Catherine R. Condie
Gerald A. Portzline
Yong Kyun Cho
John S. Brandstetter

Luc R. Mongeon
Lucy M. Nichols
Steve Hornberger

FINANCE SECTION

8-14-02

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:

- Assignment
- Security Agreement
- Other _____

- Change of Name

Execution Date: 07/30/2002 Catherine R. Condie 07/24/2002 Luc R. Mongeon
07/22/2002 Gerald A. Portzline 08/07/2002 Lucy M. Nichols
07/24/2002 Yong Kyun Cho 07/30/2002 Steve Hornberger
07/25/2002 John S. Brandstetter

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

4. Application number(s) or patent number(s): 10/137,171

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

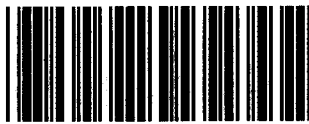
5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael C. Soldner

Address: _____

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

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



27581

- Enclosed
- Authorized to be charged to deposit account

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

DO NOT USE THIS SPACE

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.

Michael C. Soldner
Name of Person Signing

[Signature]
Signature

August 5, 2002
Date

Total number of pages including cover sheet, attachments and document: 9

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

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

08/16/2002 6TON11 00000119 132546 10137171

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

01 FC:584 40.00 CH

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of information systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), 1Washington, D.C. 20503.

PATENT
REEL: 013191 FRAME: 0549

ASSIGNMENT

WHEREAS, WE, Catherine R. Condie, Gerald A. Portzline, Yong Kyun Cho, John S. Brandstetter, Luc R. Mongeon, Lucy M. Nichols and Steve Hornberger, are the inventors of METHOD AND APPARATUS FOR INJECTION OF EXTERNAL DATA WITHIN AN IMPLANTABLE MEDICAL DEVICE 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 on July 22, 2002, 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 55432-5640, 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.

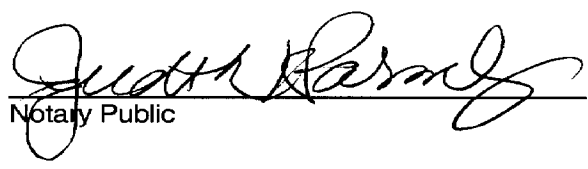
I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

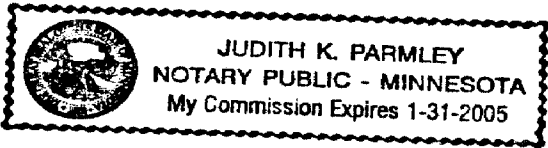
IN WITNESS WHEREOF, I have hereunto set my hand on this 30 day of July, 2002.


Catherine R. Condie

On this 30th day of July, 2002, before me personally appeared Catherine R. Condie, 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.

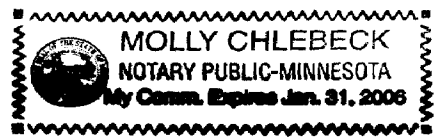
IN WITNESS WHEREOF, I have hereunto set my hand on this 22ND day of July, 2002.

Gerald A. Portzline
Gerald A. Portzline

On this 22 day of July, 2002, before me personally appeared Gerald A. Portzline, 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.

Molly Chlebeck
Notary Public



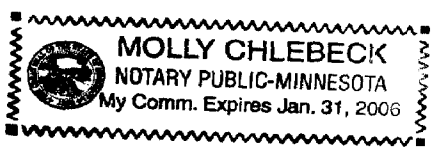
I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 24th day of July, 2002.

Yong Kyun Cho
Yong Kyun Cho

On this 24th day of July, 2002, before me personally appeared Yong Kyun Cho, 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.

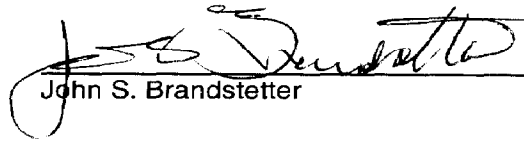
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.



Molly Chlebeck
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 25 day of July, 2002.



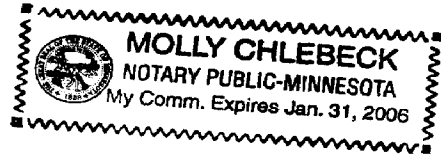
John S. Brandstetter

On this 25th day of July, 2002, before me personally appeared John S. Brandstetter, 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.

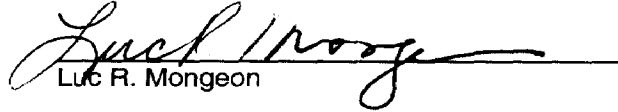


Notary Public



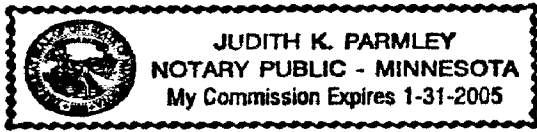
I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

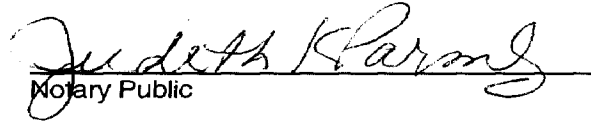
IN WITNESS WHEREOF, I have hereunto set my hand on this 24 day of July, 2002.


Luc R. Mongeon

On this 24th day of July, 2002, before me personally appeared Luc R. Mongeon, 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.

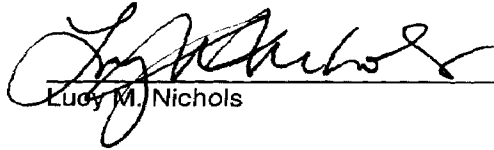
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.




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 7th day of August, 2002.



Lucy M. Nichols

On this 7th day of August, 2002, before me personally appeared Lucy M. Nichols, 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.

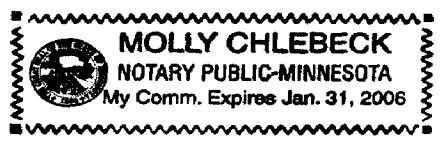
IN WITNESS WHEREOF, I have hereunto set my hand on this 30 day of July, 2002.

Steve Hornberger
Steve Hornberger

On this 30th day of July, 2002, before me personally appeared Steve Hornberger, 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.

Molly Chlebeck
Notary Public



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL

In re Application of: Catherine B. Condie et al.
For: **METHOD AND APPARATUS FOR INJECTION OF EXTERNAL DATA WITHIN AN IMPLANTABLE MEDICAL DEVICE**
Serial No.: 10/137,171
Filed: April 30, 2002

CERTIFICATE OF MAILING UNDER 37 CFR 1.8: I hereby certify that this **TRANSMITTAL** and the paper(s), as described herein, are being deposited in the U.S. Postal Service, as first class mail, addressed to U.S. Patent and Trademark Office, Assignment Division, Washington, D.C. 20231 on this 9th day of August, 2002.

Molly Chiebeck

Signature
Molly Chiebeck

Printed Name

Commissioner for Patents
Washington, D.C. 20231
Attn: Box Assignment

Sir:

We are transmitting herewith the attached:

- X Assignment
- X Assignment Cover Sheet
- X Return Postcard

X Please charge Deposit Account 13-2546 for the Assignment Recordal Fee **for a Total of \$40.00.**

X Applicant believes that no extension of term is required. However, if an extension of time is required, please consider this a petition therefor to provide for the possibility that applicant has inadvertently overlooked the need for an extension of time and charge same to Deposit Account 13-2546.

August 8, 2002
Date

Michael C. Soldner

Atty: Michael C. Soldner
Reg. No. 41,455
Telephone: (763) 514-4842



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