

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	
Execution Date	
Wesley J. Clement	03/29/2005
Hiroshi Fujimoto	10/03/2005
Jeffrey D. Wilkinson	03/29/2005
John R. Buysman	02/07/2007
Girard B. Borgerding	03/30/2005
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:	11096801
CORRESPONDENCE DATA	
Fax Number:	(763)505-2530
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	763-514-3351
Email:	molly.a.chlebeck@medtronic.com
Correspondent Name:	Medtronic, Inc.
Address Line 1:	710 Medtronic Parkway
Address Line 2:	Mail Stop LC340
Address Line 4:	Minneapolis, MINNESOTA 55432
ATTORNEY DOCKET NUMBER:	P22772.00

CH \$40.00 11096801

NAME OF SUBMITTER:

Paul H. McDowall

Total Attachments: 7

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ASSIGNMENT

WHEREAS, WE, Wesley J. Clement, Hiroshi Fujimoto, Jeffrey D. Wilkinson, John R. Buysman and Girard B. Borgerding, are the inventors of METHODS AND APPARATUS FOR REDUCING DELETERIOUS EFFECTS OF X-RAY RADIATION UPON IMPLANTABLE MEDICAL DEVICE CIRCUITRY, for which an application for a United States Patent was filed on March 31, 2005, under Serial No. 11/096,803; 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 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 hereby grant Corporation the right to fill in the serial number and filing date in this document upon their receipt;

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.

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 29 day of MARCH, 2005.

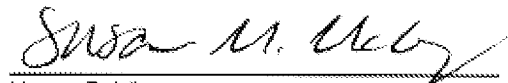

Wesley J. Clement

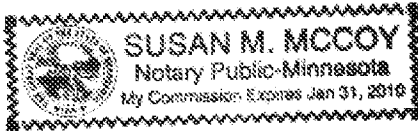
STATE OF MINNESOTA

COUNTY OF Anoka

On this 29th day of March, 2005, before me personally appeared Wesley J. Clement, 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.

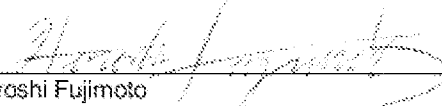
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.


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 15 day of September, 2005.


Hiroshi Fujimoto

STATE OF MINNESOTA
COUNTY OF ANOKA

On this 3rd day of October, 2005, before me personally appeared Hiroshi Fujimoto, 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.

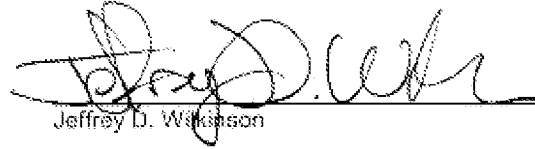
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.


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 29 day of March, 2005.

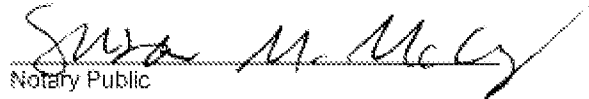

Jeffrey D. Wilkinson

STATE OF MINNESOTA

COUNTY OF Anoka

On this 29th day of March, 2005, before me personally appeared Jeffrey D. Wilkinson, 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 7 day of Feb, 2007.


John R. Buysman

STATE OF MINNESOTA

COUNTY OF Anoka

On this 7th day of February, 2007, before me personally appeared John R. Buysman, 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 30th day of March, 2005.

Jean Borgerding
Jean Borgerding,
on behalf of Girard B. Borgerding

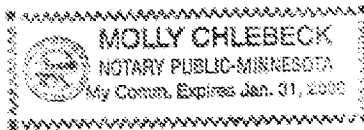
STATE OF MINNESOTA

COUNTY OF Anoka

On this 30th day of March, 2005, before me personally appeared Jean Borgerding (signing on behalf of Girard B. Borgerding), 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



STATE OF MINNESOTA
CERTIFICATION OF VITAL RECORD

DEATH CERTIFICATE

DECEDENT'S NAME	GIRARD BERNARD BORGERDING	
DECEDENT'S ALIAS		
SEX, SOCIAL SECURITY NUMBER	MALE	468-64-7946
RESIDENCE (COUNTY AND CITY, STATE)	HENNEPIN	MINNEAPOLIS, MINNESOTA
DATE AND PLACE OF BIRTH	MAY 04, 1951	MELROSE, MINNESOTA
MARITAL STATUS SPOUSE'S NAME	MARRIED JEAN FLATEN	
PARENT(S) NAME(S)	CYRIL BORGERDING AGNES HOLDVOGT	
DATE OF DEATH	MARCH 16, 2005	
PLACE OF DEATH (COUNTY AND CITY)	HENNEPIN	SAINT LOUIS PARK
FUNERAL HOME	KOZLAK-RADULOVICH FUNERAL CHAPEL	
CAUSE OF DEATH IMMEDIATE UNDERLYING	BILIARY DUCT CANCER	
CONTRIBUTING CONDITIONS		
MANNER CORONER, MEDICAL EXAMINER OR PHYSICIAN	NATURAL AMY B SPOMER M.D. 3800 PARK NICOLLET BLVD, SAINT LOUIS PARK, MINNESOTA 55416-	

27A-000005244

THIS IS A TRUE AND OFFICIAL RECORD OF THE DEATH REGISTERED IN THE OFFICE OF THE STATE REGISTRAR. DATE FILED: MARCH 18, 2005



PLACE ISSUED: HENNEPIN

DATE ISSUED: MARCH 21, 2005

Barbara A. Carter
STATE REGISTRAR

