

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Stephen A. Leeflang</td> <td>04/18/2008</td> </tr> <tr> <td>Christine P. Ventura</td> <td>04/21/2008</td> </tr> <tr> <td>Christian S. Eversull</td> <td>04/18/2008</td> </tr> <tr> <td>Nicholas J. Mourlas</td> <td>04/22/2008</td> </tr> </tbody> </table>		Name	Execution Date	Stephen A. Leeflang	04/18/2008	Christine P. Ventura	04/21/2008	Christian S. Eversull	04/18/2008	Nicholas J. Mourlas	04/22/2008
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Stephen A. Leeflang	04/18/2008										
Christine P. Ventura	04/21/2008										
Christian S. Eversull	04/18/2008										
Nicholas J. Mourlas	04/22/2008										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	Medtronic, Inc.										
<b>Street Address:</b>	710 Medtronic Parkway										
<b>Internal Address:</b>	LC 340										
<b>City:</b>	Minneapolis										
<b>State/Country:</b>	MINNESOTA										
<b>Postal Code:</b>	55432										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11687653</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11687653						
Property Type	Number										
Application Number:	11687653										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(763)505-2530										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	7635260928										
<b>Email:</b>	molly.a.chlebeck@medtronic.com										
<b>Correspondent Name:</b>	MEDTRONIC, INC.										
<b>Address Line 1:</b>	710 MEDTRONIC PARKWAY NE										
<b>Address Line 2:</b>	Mail Stop LC340										
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55432-9924										
<b>ATTORNEY DOCKET NUMBER:</b>	P0032660.01 ACU-033										
<b>NAME OF SUBMITTER:</b>	Stephen W. Bauer										

CH \$40.00 11687653

**Total Attachments: 6**

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**ASSIGNMENT**

WHEREAS, WE, Stephen A. Leeflang, Christine P. Ventura, Christian Eversull and Nicolas J. Mourlas, are the inventors of SLITTABLE REMOVABLE VALVES AND APPARATUS AND METHODS FOR MAKING AND USING THEM, for which an application for a United States Patent was filed on March 18, 2007, under Serial No. 11/687,653; 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;

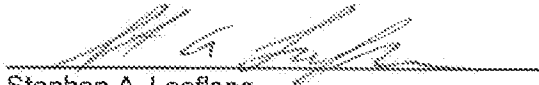
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Corporation, its successors and assigns, the entire right, title and interest 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, including without limitation, the right to enforce such Letters Patent as fully and entirely as the same would have been held and enjoyed by the assignors if this assignment had not been made; together with all claims by assignors for damages by reason of past infringement or for provisional rights and including the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns, and other legal representatives;

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 18<sup>th</sup> day of April, 2008.

  
Stephen A. Leeflang

STATE OF CALIFORNIA

COUNTY OF

*See Attached  
Antitort Mandamus 04/18/2008*

On this \_\_\_\_\_ day of \_\_\_\_\_, 2008, before me personally appeared Stephen A. Leeflang, 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  
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ACU-033

**PATENT**  
**REEL: 020872 FRAME: 0352**

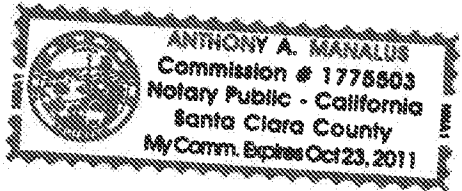
CALIFORNIA JURAT

State of California }  
County of Santa Clara } SS.

Subscribed and sworn to (or affirmed) before me on this

18th day of April, 2008, by  
Date Month Year

(1) Stephen A. Leafiang  
Name of Signer



proved to me on the basis of satisfactory evidence to be the person who appeared before me ~~( )~~(.)

(and  
(2) N/A  
Name of Signer

~~proved to me on the basis of satisfactory evidence to be the person who appeared before me ( )~~(.)

Place Notary Seal Above

Anthony Manaluz  
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Further Description of Attached Document

Title or Type of Document: Attorney Docket  
ACU - 033

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other than Named above: \_\_\_\_\_

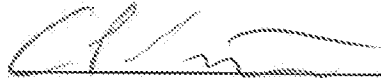
Notarizing page 2 of 5  
Only

RIGHT THUMBPRINT OF SIGNER #1  
Top of thumb here

RIGHT THUMBPRINT OF SIGNER #2  
Top of thumb here

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 21 day of April, 2008.

  
Christine P. Ventura

STATE OF CALIFORNIA

COUNTY OF Santa Clara

On this 21 day of April, 2008, before me personally appeared Christine P. Ventura, 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

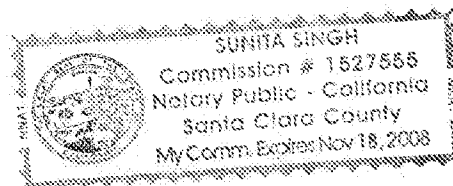
State of California, County of Santa Clara

On April 21, 2008 before me, Sunita Singh, Notary Public,

personally appeared Christine P. Ventura who proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

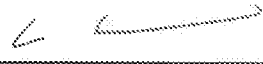
WITNESS my hand and official seal.



ASSIGNMENT  
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ACU-033

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 18<sup>th</sup> day of April, 2008.

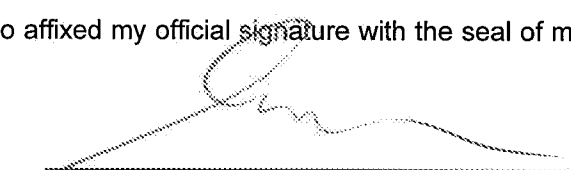
  
\_\_\_\_\_  
Christian A. Eversull  
S

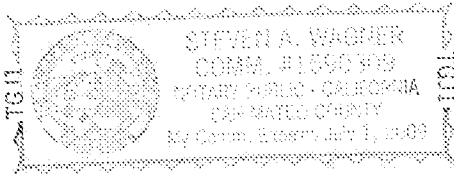
STATE OF CALIFORNIA

COUNTY OF SAN MATEO

On this 18<sup>th</sup> day of APRIL, 2008, before me personally appeared Christian ~~S~~ Eversull, 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

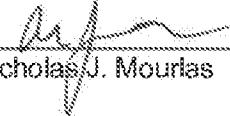


ASSIGNMENT  
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**PATENT**  
**REEL: 020872 FRAME: 0355**

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

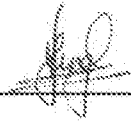
IN WITNESS WHEREOF, I have hereunto set my hand on this 22nd day of April, 2008.

  
\_\_\_\_\_  
Nicholas J. Mourlas

STATE OF CALIFORNIA  
COUNTY OF SANTA CLARA

On this 22 day of APRIL, 2008, before me personally appeared Nicholas J. Mourlas, 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

State of California, County of Santa Clara  
On APRIL 22<sup>nd</sup>, 2008 before me, Sunita Singh, Notary Public,  
personally appeared Nicholas J. Mourlas  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal. 