

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>James M. Haase</td> <td>10/13/2011</td> </tr> <tr> <td>Ronald L. Mezera</td> <td>10/14/2011</td> </tr> <tr> <td>John M. Gray</td> <td>10/13/2011</td> </tr> <tr> <td>Nicholas R. Whitehead</td> <td>10/13/2011</td> </tr> <tr> <td>Jeffrey P. Bodner</td> <td>10/13/2011</td> </tr> <tr> <td>Brian C. Egan</td> <td>10/13/2011</td> </tr> </tbody> </table>		Name	Execution Date	James M. Haase	10/13/2011	Ronald L. Mezera	10/14/2011	John M. Gray	10/13/2011	Nicholas R. Whitehead	10/13/2011	Jeffrey P. Bodner	10/13/2011	Brian C. Egan	10/13/2011
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Medtronic, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>710 Medtronic Parkway</td> </tr> <tr> <td>City:</td> <td>Minneapolis</td> </tr> <tr> <td>State/Country:</td> <td>MINNESOTA</td> </tr> <tr> <td>Postal Code:</td> <td>55432</td> </tr> </table>		Name:	Medtronic, Inc.	Street Address:	710 Medtronic Parkway	City:	Minneapolis	State/Country:	MINNESOTA	Postal Code:	55432				
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CORRESPONDENCE DATA															
<p>Fax Number: (651)735-1102</p> <p>Phone: 651-735-1100</p> <p>Email: pairedocketing@ssiplaw.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: SHUMAKER & SIEFFERT , P.A</p> <p>Address Line 1: 1625 RADIO DRIVE , SUITE 300</p> <p>Address Line 4: WOODBURY, MINNESOTA 55125</p>															
ATTORNEY DOCKET NUMBER:	1123-060US01/P39736.USU1														

CH \$40.00 13275736

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PATENT
REEL: 027079 FRAME: 0231

NAME OF SUBMITTER:

Karen D. Sorensen

Total Attachments: 8

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ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/We, James M. Haase of 3016 Frank Street, Maplewood, Minnesota 55109, Ronald L. Mezera of 5279 Linden Trail North, Lake Elmo, Minnesota 55042, John M. Gray of 8736 Douglas Dr. N., Brooklyn Park, Minnesota 55445, Nicholas R. Whitehead of 325 13th Avenue North, Hopkins, Minnesota 55343, Jeffrey P. Bodner of 675 California Avenue West, St. Paul, Minnesota 55117 and Brian C. Egan of 3021 Jersey Ave. S., St. Louis Park, Minnesota 55426 (collectively hereinafter called "the Assignor(s)"), have sold, assigned, transferred and set over, and hereby do sell, assign, transfer and set over to Medtronic, Inc, a corporation existing under the laws of the State of Minnesota and having a place of business at: 710 Medtronic Parkway, Minneapolis, Minnesota 55432, and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world in and to the inventions and improvements which are the subject of an application for United States Patent signed by us, entitled **ACCUMULATOR FOR IMPLANTABLE INFUSION DEVICE**, filed herewith; this assignment including all right, title and interest in said application, any provisional, non-provisional, continuation, continuation-in-part, divisional, reissue, renewal, extension or other applications disclosing any of said inventions or improvements, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and including any rights, including the right to claim priority based on the filing date of any of these applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes, the same to be held and enjoyed by the Assignee for its own use and benefit and the use and benefit of its successors and assigns to the full end of the term for which any patents may be granted on such applications, as fully and entirely as the same would have been held and enjoyed by the Assignor(s) had this assignment and sale not been made, including the right to enforce such patents as fully and entirely as the same would have been held and enjoyed by the Assignor(s) if this assignment had not been made, together with all claims by the Assignor(s) for damages by reason of past infringement or for provisional rights and including the right to sue for, and collect the same for the Assignee's own use and benefit, and for the use and benefit of its successors, assigns, and other legal representatives, and the Assignor(s) authorize the Assignee to

apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and the Assignor(s) agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. For the consideration noted above, the Assignor(s) materially represent to the Assignee, and its successors and assigns, that at the time of the execution and delivery of this assignment, the Assignor(s) are the sole lawful owners of the entire right, title and interest in and to the inventions, improvements, applications and patents above mentioned, and that the same are unencumbered, and that the Assignor(s) have good right and lawful authority to assign, sell and convey the same in the manner herein set forth. For the consideration noted above, the Assignor(s) hereby individually covenant and agree to and with the Assignee, its successors and assigns, that whenever its counsel or the counsel of its successors or assigns 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 such patents is lawful and desirable, the Assignor(s), or our executors, administrators or assigns will sign all papers and drawings, take all rightful oaths, and do all acts necessary or required for the procurement of valid patents for said inventions, or for the reissue or extension of the same, without charge to the Assignee, its successors or assigns, but at the Assignee's expense. The Assignor(s) do hereby authorize and request the Commissioner of Patents of the United States Patent and Trademark Office to issue any and all patents which may be granted upon any of the said applications, to the Assignee, as the assignee of the entire right, title, and interest therein.

Date:

13 OCT 2011

James M. Haase
James M. Haase

State of

Minnesota

County of

Anoka

) ss:
)

On this 13th day of October, 2011, before me, Pamela M. Luster,
Notary Public, personally appeared James M. Haase personally known to me (or proved to me on the
basis of satisfactory evidence) to be the person(s) whose name is/are subscribed to within the instrument
and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that
by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

Pamela M. Luster
Signature of Notary Public
My Commission Expires:



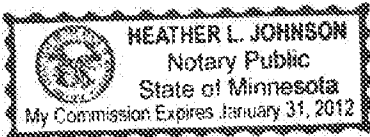
Date: 14-OCT-2011

Ronald L. Mezera

State of _____)
) ss:
 County of _____)

On this 14 day of October, 2011, before me, Heather Johnson
Notary Public, personally appeared Ronald L. Mezera personally known to me (or proved to me on the
basis of satisfactory evidence) to be the person(s) whose name is/are subscribed to within the instrument
and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that
by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.


WITNESS my hand and official seal.



Signature of Notary Public _____
My Commission Expires: _____

January 31, 2018

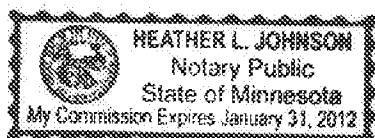
Date: 13 Oct 2011


Nicholas R. Whitehead

State of)
) ss:
County of)

On this 13 day of October, 2011, before me, Heather Johnson
Notary Public, personally appeared Nicholas R. Whitehead personally known to me (or proved to me on
the basis of satisfactory evidence) to be the person(s) whose name is/are subscribed to within the
instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized
capacity, and that by his/her/their signature on the instrument the person(s), or the entity upon behalf of
which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Signature of Notary Public _____
My Commission Expires: January 31, 2018

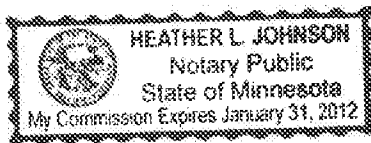
Date: Oct 13 2011

Jeffrey P. Bodner

State of)
) ss:
County of)

On this 13 day of Oct, 2011, before me, Heather Johnson
Notary Public, personally appeared Jeffrey P. Bodner personally known to me (or proved to me on the
basis of satisfactory evidence) to be the person(s) whose name is/are subscribed to within the instrument
and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that
by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.



Signature of Notary Public
My Commission Expires

January 31, 2013

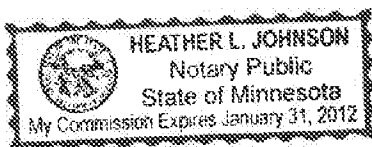
Date: 10/13/2011

Brian C. Egan

State of)
) ss:
County of)

On this 13 day of October, 2011, before me, Heather Jones
Notary Public, personally appeared Brian C. Egan personally known to me (or proved to me on the basis
of satisfactory evidence) to be the person(s) whose name is/are subscribed to within the instrument and
acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that by
his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.



Signature of Notary Public

My Commission Expires: January 31, 2018