

PATENT ASSIGNMENT

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Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>David L Carlson</td><td>03/28/2007</td></tr><tr><td>Eric J Panken</td><td>03/28/2007</td></tr><tr><td>Touby A Drew</td><td>03/28/2007</td></tr><tr><td>Jonathan C Werder</td><td>03/28/2007</td></tr></tbody></table>	Name	Execution Date	David L Carlson	03/28/2007	Eric J Panken	03/28/2007	Touby A Drew	03/28/2007	Jonathan C Werder	03/28/2007	
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David L Carlson	03/28/2007										
Eric J Panken	03/28/2007										
Touby A Drew	03/28/2007										
Jonathan C Werder	03/28/2007										
RECEIVING PARTY DATA											
Name:	Medtronic, Inc.										
Street Address:	710 Medtronic Parkway										
City:	Minneapolis										
State/Country:	MINNESOTA										
Postal Code:	55432										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11677360</td></tr></tbody></table>	Property Type	Number	Application Number:	11677360							
Property Type	Number										
Application Number:	11677360										
CORRESPONDENCE DATA											
Fax Number:	(612)492-7077										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Correspondent Name:	Robert Day										
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ATTORNEY DOCKET NUMBER:	539.3084.1										
NAME OF SUBMITTER:	Robert Day										
Total Attachments: 3 source=539_3084_1Assignment#page1.tif											

OP \$40.00 11677360

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PATENT
REEL: 019106 FRAME: 0311

ASSIGNMENT

WHEREAS, we, David L. Carlson, 141 – 46th Avenue Northeast, Fridley, Minnesota 55421; Eric J. Panken, 4717 Dunberry Lane, Edina, Minnesota 55435; Touby A. Drew, 110 W Grant Street, Apt. # 8J, Minneapolis, MN 55403 and Jonathan C. Werder, 23160 Meadowview Drive, Corcoran, MN 55374 (“Assignors”) have invented certain new and useful improvements in METHOD AND APPARATUS FOR DETECTION OF NERVOUS SYSTEM DISORDERS, for which a

- Continuation-in-part application has been made, said application which may be identified in the United States Patent Office by Application No. 11/677,360, filed February 21, 2007;
- utility application has been made, said application which may be identified in the United States Patent Office by Application No. 11/609,465, filed December 12, 2006; and a
- provisional patent application has been made, said application which may be identified in the United States Patent Office by Application No. 60/794,017, filed April 21, 2006.

WHEREAS, Medtronic, Inc. (“Assignee”), a corporation organized and existing under the laws of the State of Minnesota, and having its principal offices at 710 Medtronic Parkway Northeast, Minneapolis, Minnesota 55432, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefore;


NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, our entire right, title and interest in and to said utility application, hereto including the inventions therein described and claimed and to each provisional application from which the application claims priority in whole or in part including, but not limited to, all renewals, reissues, extensions, substitutions, continuations, continuations-in-part, or divisions thereof, or any other applications which claim any priority rights thereof; all foreign applications based thereon; all United States or foreign Letters Patents which may issue with respect to such applications and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith; all rights to enforce patent rights to such applications and Letters Patents 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.

We further authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Upon said consideration we do hereby covenant and agree with the said Assignee, its successors and assigns, that we will not execute in writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

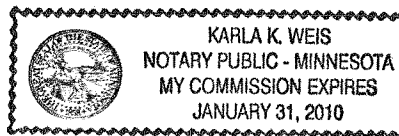
IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seal as dated below.

Date: 03/28/2007


David L. Carlson

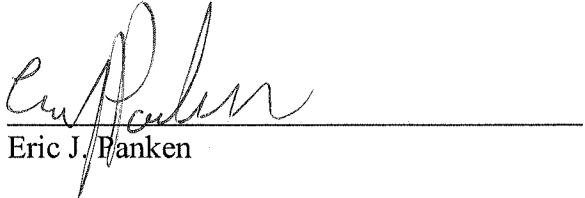
Subscribed and sworn to before me
this 28 day of March, 2007.


Notary Public

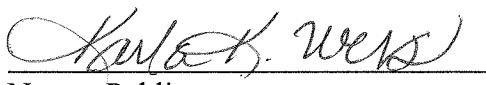


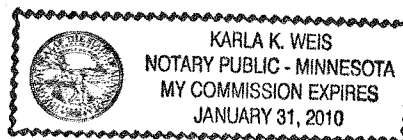
[Notary Seal]

Date: 3/28/2007


Eric J. Fanken

Subscribed and sworn to before me
this 28 day of March, 2007.


Notary Public



[Notary Seal]

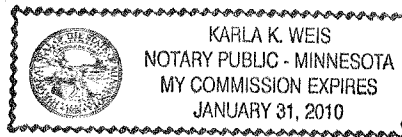
Date: 3/28/07

Touby A. Drew
Touby A. Drew

Subscribed and sworn to before me
this 28th day of March, 2007.

Karla K. Weis
Notary Public

[Notary Seal]



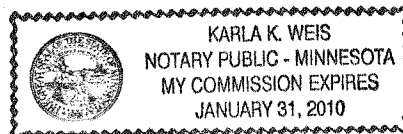
Date: 3/28/07

Jonathan C. Werder
Jonathan C. Werder

Subscribed and sworn to before me
this 28 day of March, 2007.

Karla K. Weis
Notary Public

[Notary Seal]



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