

## PATENT ASSIGNMENT

Electronic Version v1.1

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>Frans L.H. Gielen</td><td>11/29/2006</td></tr><tr><td>Frank Hertel</td><td>12/15/2006</td></tr><tr><td>Peter Gemmar</td><td>12/14/2006</td></tr><tr><td>Peter Appenrodt</td><td>11/29/2006</td></tr></tbody></table>	Name	Execution Date	Frans L.H. Gielen	11/29/2006	Frank Hertel	12/15/2006	Peter Gemmar	12/14/2006	Peter Appenrodt	11/29/2006	
Name	Execution Date										
Frans L.H. Gielen	11/29/2006										
Frank Hertel	12/15/2006										
Peter Gemmar	12/14/2006										
Peter Appenrodt	11/29/2006										
RECEIVING PARTY DATA											
Name:	Medtronic, Inc.										
Street Address:	710 Medtronic Parkway NE										
City:	Minneapolis										
State/Country:	MINNESOTA										
Postal Code:	55432-5604										
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>11584422</td></tr></tbody></table>	Property Type	Number	Application Number:	11584422							
Property Type	Number										
Application Number:	11584422										
CORRESPONDENCE DATA											
Fax Number:	(248)641-0270										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	2486411600										
Email:	warner@hdp.com										
Correspondent Name:	Richard W. Warner										
Address Line 1:	P.O. Box 828										
Address Line 4:	Bloomfield Hills, MICHIGAN 48303										
ATTORNEY DOCKET NUMBER:	5074N-000004/US										
NAME OF SUBMITTER:	Jennifer L. DeCovich										
Total Attachments: 5											
source=Executed_Assignment#page1.tif											

CH 11584422 \$40.00

500203256

PATENT  
REEL: 018717 FRAME: 0044

source=Executed\_Assignment#page2.tif  
source=Executed\_Assignment#page3.tif  
source=Executed\_Assignment#page4.tif  
source=Executed\_Assignment#page5.tif

# ASSIGNMENT

Atty. Docket No. 5074N-000004

The undersigned, hereinafter referred to collectively as Assignor, has an interest in the invention entitled:

## SYSTEM FOR NAVIGATING A PLANNED PROCEDURE WITHIN A BODY

which is the subject of a United States or International application for patent

- (a) ☐ executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration);
- (b) ☐ executed on \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_;
- (c) ☒ filed on October 20, 2006, and assigned Serial No. 11/584,422 or PCT International Application No. \_\_\_\_\_;
- (d) ☐ U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_, and  
☐ presently assigned as evidenced at Reel \_\_\_\_\_, Frame \_\_\_\_\_; or
- (e) ☐ entitled above and naming the undersigned inventors in this provisional patent application; and

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 NE, Minneapolis, Minnesota 55432-5604, hereinafter referred to as Assignee, is desirous of acquiring Assignor's interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

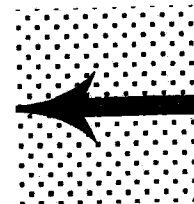
Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

Assignor hereby authorizes an attorney authorized to prosecute this patent application to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

# ASSIGNMENT



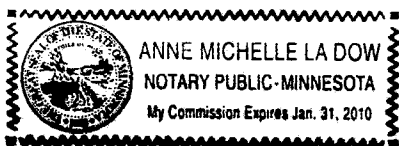
\_\_\_\_\_  
Frans L.H. Gielen

State of Minnesota )  
County of Anoka ) ss.

On this 29<sup>th</sup> day of November, 2006, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public,

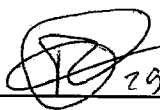
(seal)



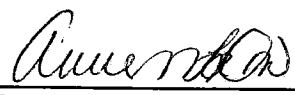
Acting in the County Of

State Of

My Commission Expires

 29 Nov 06  
Frans L.H. Gielen

29 Nov 06  
Dated

  
First Witness

\_\_\_\_\_  
Second Witness

# ASSIGNMENT

\_\_\_\_\_  
Frank Hertel

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, 2006, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

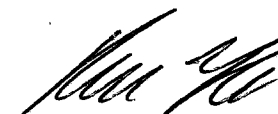
Notary Public,

(seal)

Acting in the County Of

State Of

My Commission Expires

  
\_\_\_\_\_  
Frank Hertel

15.12.06  
\_\_\_\_\_  
Dated

  
\_\_\_\_\_  
First Witness

\_\_\_\_\_  
Second Witness

# ASSIGNMENT

\_\_\_\_\_  
Peter Gemmar

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, 2006, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public,

(seal)

Acting in the County Of

State Of

My Commission Expires

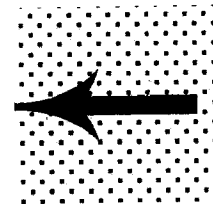
P. Gemmar  
Peter Gemmar

14, Dec. 2006  
Dated

[Signature]  
First Witness

\_\_\_\_\_  
Second Witness

# ASSIGNMENT



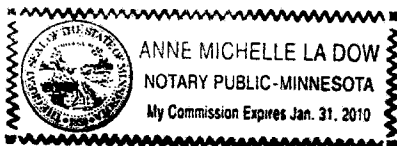
Peter Appenrodt

State of Minnesota )  
County of Anoka ) ss.

On this 29<sup>th</sup> day of November, 2006, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public,

(seal)



Acting in the County Of

State Of

My Commission Expires

Peter Appenrodt

Dated

29. NOV 2006

First Witness

Second Witness