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Form PTO-1595 (Rev. 08/05) DMB <u>No. 0651-0027 (exp. 6/30/2008)</u>	U.S. DEPARTMENT OF COMMERCE United States Patent and <u>Trademark Office</u>		
RECORDATION FO			
PATENTS ONLY			
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.			
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)		
Jonathan Werder Leslie A. LeMire	Name: <u>Medtronic, Inc.</u>		
Nina M. Graves	Internal Address:		
David C. Ullestad			
Additional name(s) of conveying party(ies) attached? Yes / No 3. Nature of conveyance/Execution Date(s):	Street Address: 710 Medtronic Parkway NE		
Execution Date(s) <u>5/24/06</u> , 6/13/06, 5/22/06, 5/19/06			
Assignment Merger			
Security Agreement Change of Name	City: Minneapolis		
Joint Research Agreement	State: MN		
Government Interest Assignment			
Executive Order 9424, Confirmatory License	Country: US Zip: 55432-5604		
	Additional name(s) & address(es) attached? 🗌 Yes 🗹 No		
4. Application or patent number(s):	document is being filed together with a new application.		
A. Patent Application No.(s)	B. Patent No.(s)		
11/414,153			
Additional numbers at	I tached? │ Yes		
5. Name and address to whom correspondence	6. Total number of applications and patents		
concerning document should be mailed:	involved:1		
Name: William D. Bauer	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40		
Internal Address:_ IPLM Group, P.A.	Authorized to be charged by credit card		
	Authorized to be charged to deposit account		
Street Address: P.O. Box 18455	Enclosed		
	None required (government interest not affecting title)		
_{City:} Minneapolis	8. Payment Information		
State: MNZip: 55418	a. Credit Card Last 4 Numbers		
Phone Number: 612-331-7405	Expiration Date		
	 b. Deposit Account Number <u>50-0549</u> Authorized User Name <u>William D. Bauer</u> 		
Fax Number: 612-331-7401			
Email Address:			
9. Signature: (Allen D)	July 17, 2006		
Signature N/illiom D. Rouer			
William D. Bauer Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:		

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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IPLM 151-P-20629U01

ASSIGNMENT

WHEREAS, we, Jonathan Werder, residing at 23160 Meadowview Drive, Corcoran, Minnesota 55374, Leslie A. LeMire, residing at 4705 Kevin Lane, Shoreview, Minnesota 55126, Nina M. Graves, residing at 4312 Ridge Court, Minnetonka, Minnesota 55391 and David C. Ullestad, residing at 8335 Urbandale Lane No., Maple Grove, Minnesota 55311, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on April 28, 2006, application Serial No. <u>11/414,153</u> which is entitled IMPLANTABLE MEDICAL DEVICE FOR THE CONCURRENT TREATMENT OF A PLURALITY OF NEUROLOGICAL DISORDERS AND METHOD THEREFORE.

AND WHEREAS, Medtronic, Inc., a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 710 Medtronic Parkway NE, Minneapolis, Minnesota 55432-5604 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

	IN TESTIMONY WHEREOF, I	have hereunto set my hand this $\underline{\sigma' \gamma}$ day of
may	, 2006.	
L		Jorathan Weden
STATE OF	Mn) Aneka) ss.	
	On this -24 day of Ma 1	2006 before me personally appeared Ionathan

On this $\underline{\sim 29}$ day of $\underline{m_{0}}$, 2006 before me personally appeared Jonathan Werder to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



andey expres: Sanuary 31, 2010 taway Notary Public

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	, 2006.	
		Leslie A. LeMire
STATE OF COUNTY OF))ss.)	
		, 2006, before me personally appeared Leslie A.
	•	e the person described in and who executed the foregoing the that he executed the same for the uses and purposes therein
[SEAL]	. ·	Notary Public
-	TESTIMONY WHERE	OF, I have hereunto set my hand this day of
-		OF, I have hereunto set my hand this day of
	, 2006.)) ss.	:
 STATE OF COUNTY OF	, 2006.)) ss.)	:
 STATE OF COUNTY OF On Graves to me know	, 2006.) ss.) ss.) u this day of /n and known to me to be	Nina M. Graves

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IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of

_____, 2006.

David C. Ullestad

STATE OF _____) COUNTY OF _____) ss.

On this ______, day of ______, 2006, before me personally appeared David C. Ullestad to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

PATENT REEL: 017951 FRAME: 0042

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IPLM 151-P-20629U01

ASSIGNMENT

WHEREAS, we, Jonathan Werder, residing at 23160 Meadowview Drive, Corcoran, Minnesota 55374, Leslie A. LeMirc, residing at 4705 Kevin Lane, Shoreview, Minnesota 55126, Nina M. Graves, residing at 4312 Ridge Court, Minnetonka, Minnesota 55391 and David C. Ullestad, residing at 8335 Urbandale Lane No., Maple Grove, Minnesota 55311, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on April 28, 2006, application Serial No. <u>11/414,153</u> which is entitled IMPLANTABLE MEDICAL DEVICE FOR THE CONCURRENT TREATMENT OF A PLURALITY OF NEUROLOGICAL DISORDERS AND METHOD THEREFORE.

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NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2006.

Jonathan Werder

STATE OF _____) COUNTY OF _____)

On this _____ day of _____, 2006 before me personally appeared Jonathan Werder to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

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(June , 2006.	^ ^
- your	
	Kula (Kalan
_	Leslie A. LeMire
STATE OF <u>MUNNESOTA</u>)	
STATE OF <u>MUNNESOTA</u>)) ss. COUNTY OF <u>ANVER</u>)	· ·
,	
On this $\underline{13^{\mu}}$ day of $\underline{\mathcal{M}}$	12_, 2006, before me personally appeared Leslie A.
	he person described in and who executed the foregoing
nstrument, and he duly acknowledged to me t	hat he executed the same for the uses and purposes therein
set forth.	
KARLA K. WEIS NOTARY PUBLIC - MINNESOTA	HavaK. Weis-
SEAL] MY COMMISSION EXPIRES JANUARY 31, 2010	Notary Public
IN TESTIMONY WHEREOI	F, I have hereunto set my hand this day of
, 2006.	
	Nina M. Graves
STATE OF)	Nina M. Graves
) ss	Nina M. Graves
STATE OF)) ss) COUNTY OF)	Nina M. Graves
COUNTY OF) ss)	Nina M. Graves , 2006, before me personally appeared Nina M.
) ss) ss) COUNTY OF) On this day of	
COUNTY OF) ss) On this day of Graves to me known and known to me to be t	, 2006, before me personally appeared Nina M.
COUNTY OF) ss) ss) On this day of Graves to me known and known to me to be the instrument, and he duly acknowledged to me	, 2006, before me personally appeared Nina M. he person described in and who executed the foregoing
COUNTY OF) ss) On this day of Graves to me known and known to me to be t	, 2006, before me personally appeared Nina M. he person described in and who executed the foregoing

PATENT REEL: 017951 FRAME: 0045

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	IN TESTIN	IONY WHEREO _, 2006.	F, I have hereunto set my hand this day of
).			
			David C. Ullestad
STATE OF)	
COUNTY OF) ss.)	
	On this	day of	, 2006, before me personally appeared David C.
Ullestad to me	known and k	mown to me to be	the person described in and who executed the foregoing
instrument, and	l he duly ack	nowledged to me	that he executed the same for the uses and purposes therein
set forth.			

[SEAL]

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Notary Public

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IPLM 151-P-20629U01

ASSIGNMENT

WHEREAS, we, Jonathan Werder, residing at 23160 Meadowview Drive, Corcoran, Minnesota 55374, Leslie A. LeMire, residing at 4705 Kevin Lane, Shoreview, Minnesota 55126, Nina M. Graves, residing at 4312 Ridge Court, Minnetonka, Minnesota 55391 and David C. Ullestad, residing at 8335 Urbandale Lane No., Maple Grove, Minnesota 55311, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on April 28, 2006, application Serial No. <u>11/414.153</u> which is entitled IMPLANTABLE MEDICAL DEVICE FOR THE CONCURRENT TREATMENT OF A PLURALITY OF NEUROLOGICAL DISORDERS AND METHOD THEREFORE.

AND WHEREAS, Medtronic, Inc., a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 710 Medtronic Parkway NE, Minneapolis, Minnesota 55432-5604 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of , 2006.

Jonathan Werder

 STATE OF ______)

) ss.

 COUNTY OF ______)

On this _____ day of _____, 2006 before me personally appeared Jonathan Werder to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

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PATENT REEL: 017951 FRAME: 0048

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, 2006.	
	Leslie A. LeMire
STATE OF)	
) ss. COUNTY OF)	
On this day of	, 2006, before me personally appeared Leslie A.
	e the person described in and who executed the foregoing
	he that he executed the same for the uses and purposes therein
et forth.	
OF AT 3	
SEAL]	Notary Public
IN TESTIMONY WHERE 	SOF, I have hereunto set my hand this $2 \ge 2$ day of
	COF, I have hereunto set my hand this <u>22</u> day of <u>Line M. Graves</u> Nina M. Graves
STATE OF W_{h} , 2006.	Curia M. faves
<u>May</u> , 2006.	Curia M. faves
STATE OF $\frac{1}{10}$ (\$55.	Curia M. faves
$May , 2006.$ STATE OF $\frac{W}{M}$) STATE OF $\frac{W}{M}$) STATE OF $\frac{W}{M}$) STATE OF $\frac{W}{M}$)	Curia M. faves
$May , 2006.$ STATE OF M_{W} , 2006. COUNTY OF M_{W} (ss.) ss. COUNTY OF M_{W} (b) ss. COUNTY OF M_{W} (c) ss. COUNTY (c) ss.	Nina M. Graves Nina M. Graves , 2006, before me personally appeared Nina M. be the person described in and who executed the foregoing
May , 2006. STATE OF May , 2006. COUNTY OF $A_{wa} Ka$) ss. COUNTY OF $A_{wa} Ka$) On this 22 day of M Graves to me known and known to me to be instrument, and he duly acknowledged to m	Nina M. Graves
$May , 2006.$ STATE OF M_{W} , 2006. COUNTY OF M_{W} (ss.) ss. COUNTY OF M_{W} (b) ss. COUNTY OF M_{W} (c) ss. COUNTY (c) ss.	Nina M. Graves Nina M. Graves , 2006, before me personally appeared Nina M. be the person described in and who executed the foregoing
May, 2006. STATE OF \underline{W}_{μ} , 2006. STATE OF \underline{W}_{μ}) ss. COUNTY OF $\underline{A}_{\mu} a K a$) State of \underline{M}_{μ} Graves to me known and known to me to b instrument, and he duly acknowledged to more that the set forth.	<u>Nina M. Graves</u> <u>Nina M. Graves</u> <u>Acy</u> , 2006, before me personally appeared Nina M. be the person described in and who executed the foregoing the that he executed the same for the uses and purposes therein
May , 2006. STATE OF May , 2006. COUNTY OF $A_{wa} Ka$) ss. COUNTY OF $A_{wa} Ka$ (b) ss. COUNTY OF $A_{wa} Ka$ (c)	<u>Nina M. Graves</u> <u>Nina M. Graves</u> <u>Acy</u> , 2006, before me personally appeared Nina M. be the person described in and who executed the foregoing the that he executed the same for the uses and purposes therein
May, 2006. STATE OF) ss. COUNTY OF Anotea) ss. COUNTY OF Anotea) On this 22 day of Markow Graves to me known and known to me to be instrument, and he duly acknowledged to me set forth. [SEAL]	Nina M. Graves Nina M. Graves , 2006, before me personally appeared Nina M. be the person described in and who executed the foregoing
May, 2006. STATE OF \underline{W}_{μ} , 2006. STATE OF \underline{W}_{μ}) ss. COUNTY OF $\underline{A}_{\mu} a K a$) State of \underline{M}_{μ} Graves to me known and known to me to be instrument, and he duly acknowledged to me set forth.	<u>Nina M. Graves</u> <u>Nina M. Graves</u> <u>Acy</u> , 2006, before me personally appeared Nina M. be the person described in and who executed the foregoing the that he executed the same for the uses and purposes therein

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of , 2006.

David C. Ullestad

STATE OF _____)) ss. COUNTY OF _____)

On this _____ day of ______, 2006, before me personally appeared David C. Ullestad to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IPLM 151-P-20629U01

ASSIGNMENT

WHEREAS, we, Jonathan Werder, residing at 23160 Meadowview Drive, Corcoran, Minnesota 55374, Leslie A. LeMire, residing at 4705 Kevin Lane, Shoreview, Minnesota 55126, Nina M. Graves, residing at 4312 Ridge Court, Minnetonka, Minnesota 55391 and David C. Ullestad, residing at 8335 Urbandale Lane No., Maple Grove, Minnesota 55311, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on April 28, 2006, application Serial No. <u>11/414,153</u> which is entitled IMPLANTABLE MEDICAL DEVICE FOR THE CONCURRENT TREATMENT OF A PLURALITY OF NEUROLOGICAL DISORDERS AND METHOD THEREFORE.

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AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2006.

Jonathan Werder

STATE OF _____) COUNTY OF _____)

On this _____ day of _____, 2006 before me personally appeared Jonathan Werder to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

PATENT REEL: 017951 FRAME: 0052

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	I have hereunto set my hand this day of
, 2006.	
	Leslie A. LeMire
STATE OF)	
) ss.	
COUNTY OF)	
On this day of	, 2006, before me personally appeared Leslie A.
LeMire to me known and known to me to be the	e person described in and who executed the foregoing
instrument, and he duly acknowledged to me th	at he executed the same for the uses and purposes therein
set forth.	
[SEAL]	N
	Notary Public
IN TESTIMONY WHEREOF	, I have hereunto set my hand this day of
, 2006.	
, 10001	
-	Nina M. Graves
STATE OF)	
) ss.	
COUNTY OF)	
On this day of	, 2006, before me personally appeared Nina M.
	e person described in and who executed the foregoing
	at he executed the same for the uses and purposes therein
set forth.	· · · · · · · · · · · · · · · · · · ·
~ -	
[SEAL]	

	IN TESTIMONY WHEREOF, I have hereunto set my hand this 1914 day of		
May	, 2006.		
1			
	Ad C July		

David C. Ullestad

STATE OF	MW)
COUNTY OF	Anoka) ss) .

On this \underline{M} day of \underline{M} , 2006, before me personally appeared David C. Ullestad to me known and known to me to be the person described in and who executed the foregoing instrument, and be duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public -My Commission expires: Jon 31, 2010

KaranAnn Harves er Put

RECORDED: 07/17/2006