FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) PLM-151-P-10905USU2

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Leroy L. Perz	710 Medironic Parkway NE
Nathan A. Torgerson	Minneapolis, Minnesota 55432-5604
Carl D. Wahlstrand	•
David W. Hoffman	
24.14 11.27.51	
Additional name(s) of conveying party(ics) attached? 📋 Yes 🗵 No	Additional name(s) & address(es) attached? 🔲 Yes 🗵 No
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Ditablica Date: Depterment 1-1-1-1-1	······································
4. Application number(s) or patent number(s):	
4. Applieuton kainos (4) at patant manior (6).	
If this document is being filed together with a new application, the	e execution date of the application is:
it this document to outing more to heart with a real and appearance, and	
A. Parent Application No.(s)	B. Patent No.(s)
71. I dente hippitention 114-(5)	
H1/185,526	
(1) 103,220	
Additional numbers attach	ned? □ Yos ⊠ No
5. Name and address of party to whom correspondence concerning	6. Total number of applications and patents involved: 1
document should be mailed:	
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PATENT REEL: 016841 FRAME: 0411 IPLM 151-10905USU2

## ASSIGNMENT

WHEREAS, we, Timothy J. Davis, residing at 3764 - 115th Avenue NW, Coon Rapids, Minnesota 55433, Leroy L. Perz, residing at 1217 Lakeview Parkway, Buffalo, Minnesota 55313, Nathan A. Torgerson, residing at 13618 Bittersweet Street NW, Andover, Minnesota 55304, Carl D. Wahlstrand, residing at 6347 Langer Lane, Lino Lakes, Minnesota 55038 and David W. Hoffman, residing at 7299 Bancroft Way, Inver Grove Heights, Minnesota 55077, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on July 20, 2005, application Serial No. 11/185,526 which is entitled SWITCHED POWER USING TELEMETRY IN AN IMPLANTABLE MEDICAL DEVICE.

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 (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

PATENT REEL: 016841 FRAME: 0412 said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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 \_\_\_\_\_\_\_\_\_, 2005.

Timothy Davis

STATE OF MW )ss.
COUNTY OF AhoKa )

On this 14 day of 5, 2005, before me personally appeared Timothy J. Davis 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.

Notary Public My Connission Expires
Senuory 31, 2010

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14 day of
Soptember , 2005.
Leroy L. Pers
STATE OF $(\mathcal{N}_n)$
STATE OF / Nn) ss. COUNTY OF / Loo Ka)
On this
The state of the s
KarenAnn Harvey
[SEAL] Morrosota James James
[SF. L]  My Commission Expires January 31, 2010  Notary Public  Ny Commission Expires January 31, 2010
IN TESTIMONY WHEREOF, I have hereunto set my hand this /4 day of
Soptember, 2005.
Matha a. Doyen- Nathan A. Torgerson
_
STATE OF WN
STATE OF) ) ss. COUNTY OF Ano Ka)
On this 14 day of Sopt, 2005, before me personally appeared Nathan A.
Torgerson 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.
Notary Public
Motor Press My Commission experies!
Notary Public Notary Public Notary Public Ny Commission Server 31, 2010  Notary Public Ny Commission Server 31, 2010

IN TESTIMONY WHEREOF, I have hereunto set my hand this//_ day of, 2005.
1.00.
Carl D. Wahlstrand
STATE OF) ss. COUNTY OF A no Ka)
COUNTY OF 19 no Ka)
On this 14 day of 501, 2005, before me personally appeared Carl D.  Wahlstrand 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.
KerenArin Hervoy Notary Public Ny Commission Expires Jenuary S1, 2010  KerenArin Hervoy Notary Public Ny Commission Expires Jenuary S1, 2010  Ny Commission Expires Jenuary S1, 2010
IN TESTIMONY WHEREOF, I have hereunto set my hand this day of, 2005.
David W. Hoffman
STATE OF)
STATE OF) ss. COUNTY OF Anoka)
On this 14 day of Sopt 2005, before me personally appeared David W.
Hoffman 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.
Notary Public  My Commission Explose January 31, 2010  My Commission Explose January 31, 2010

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PATENT REEL: 016841 FRAME: 0415