(Rev. 03/01)	02-21-	
OMB No. 0651-0027 (exp. 5/31/2002) Tab settings		
To the Honorable Commissioner of	10199	1.35.1 turn an attached original documents or copy thereof.
 Name of conveying party(ies): Jerome T. Hartlaub		Name and address of receiving party(ies) Name: Medtronic, Inc. Internal Address:
3. Nature of conveyance:		Street Address: 710 Medtronic Parkway NE
	Merger	
☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: 10/31/2001		City: Minneapolis State: MN Zip: 5543
		Additional Name(s) & address(es) attached? ☐ Yes ☒
10/000,712	Additional numbers att	ached? ☐ Yes ☒ No
Name and address of party to whom correspondence concerning this document should be mailed: Name: Binal J. Patel Internal Address: Banner & Witcoff, Ltd. Street Address: Ten South Wacker Drive		6. Total number of applications and patents involved: 1
		7. Total fee (37 CFR 3.41) \$ 40.00
		☐ Enclosed☑ Authorized to be charged to deposit account
		8. Deposit account number: 01-0850
Suite 3000		- in a build accept acc
Suite 3000 City: Chicago State: IL	Zip: 60606	
.	Zip: 60606	(Attach duplicate copy of this page if paying by deposit acc
9. Statement and signature. To the best of my knowledge and be is a true copy of the original docume. Binal J. Patel	Zip: 60606 DO NOT US	
9. Statement and signature. To the best of my knowledge and best is a true copy of the original docume. Binal J. Patel Name of Person Signing	Zip: 60606 DO NOT US lief, the foregoing info.	mation is true and correct and any attached copy January 31, 2002 Signature Date Cover sheet, attachments, and documents: 3
9. Statement and signature. To the best of my knowledge and be is a true copy of the original docume. Binal J. Patel Name of Person Signing Total num	Zip: 60606 DO NOT US lief, the foregoing info. nt.	rmation is true and correct and any attached copy January 31, 2002

PATENT REEL: 012584 FRAME: 0660 Medtronic Ref.: P-B&W: 11738.00043

ASSIGNMENT

Jerome T. Hartlaub of 2133 Erin Court, St. Paul, Minnesota 55112

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid,

the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to

Medtronic, Inc, a Corporation of the State of Minnesota, its successors and assigns the entire right, title

and interest in and to the improvements of the undersigned disclosed in an application for letters patent of

the United States, entitled:

Therapy Management Techniques for an Implantable Medical Device

and identified as Case No. 11738.00043 in the offices of Banner & Witcoff, Ltd. and in said

application and any and all other applications, both united States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters patent

of the United States and foreign countries, which may be obtained on any of said applications, and in any

reissue or extension of such patents, and further assigns to said assignee the priority right provided by the

International Convention.

The undersigned hereby authorizes and requests the Commissioner of patents and Trademarks to

issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert

in this assignment the filing date and serial number of said application when officially known, and the date

of execution of the application.

The undersigned warrants themself to be the owner of the entire rights, title and interest in said

invention or improvements and to have the right to make this assignment, and further warrants that there

are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said

assignee, its successors and assigns, to execute any and all divisional, continuation and substitute

applications for said invention or improvements, and any necessary oath, affidavit or declaration relating

thereto, and any application for the reissue or extension of any Letters patent that may be granted upon said

application and any and all applications and other documents for Letters patent in foreign countries on said

invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient,

and for the said considerations the undersigned authorize said assignee to apply for patents for said

invention or improvements in its own name in such countries where such procedure is proper and further

agree, upon the request of said assignees, its successors and assigns, to cooperate to the best of the ability

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of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignees, its successors and assigns, whereby said Letters patent will be held and enjoyed by the said assignees, its successors and assigns, to the full end of the term for which said Letters patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

10(3), 2001

Jerome T. Hartlaub

State of Minnesota

County of Frequence

This 39 day of 0000 2001, before me personally came the above-named, Jerome T. Hartlaub, came to me personally know as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes herein set forth.

TERESA D. MORGAN NOTARY PUBLIC My Comm. Expires Jan. 31, 2005

RECORDED: 01/31/2002

My Commission Expires: 01 - 31 - 2005