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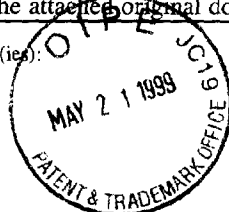
U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

To the Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Michael Baudino  
Mark T. Rise

Additional name(s) of conveying party(ies) attached?  
\_\_\_ YES \_\_\_ X NO

2. Name and address of receiving party(ies):  
Name:

Medtronic, Inc.

Internal Address:

Street Address:

7000 Central Avenue, N.E.

City: Minneapolis

State: MN

Zip: 55432

Additional name(s) & address(es) attached?  
\_\_\_ YES \_\_\_ X NO

3. Nature of conveyance:

\_\_\_ X Assignment \_\_\_ Merger  
\_\_\_ Security Agreement \_\_\_ Change of Name  
\_\_\_ Other \_\_\_\_\_

Execution Date: April 30, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s):  
(include series code or filing date)  
09/302,519  
April 30, 1999

B. Patent No.(s):

Additional application or patent numbers attached? \_\_\_ YES \_\_\_ X NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Binal J. Patel/Banner & Witcoff, Ltd.  
Address: Ten South Wacker Drive  
City: Chicago  
State: Illinois Zip: 60606

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41) \$ 40.00  
\_\_\_ X Enclosed \_\_\_ Authorized to charge Deposit Account 01-0850

8. Should any fee adjustment be necessary to effect proper recordation, please debit or credit our Deposit Account No. 01-0850, as necessary.

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Binal J. Patel, Reg. No. 42,065  
Name of Person Signing

Signature

May 18, 1999  
Date

Atty. Docket No.: 98,420 (11738.77534)

Kaplan 14

Total number of pages including cover sheet, attachments and document: 3

PATENT  
REEL: 009970 FRAME: 0807

## ASSIGNMENT

Case No.: **98,420 (11738-77534)**  
Inventor: **Michael Baudino, Mark Rise**  
Date of Execution  
of Application: **April 30, 1999**

Serial No.: **09-302519**

Filing Date: **April 30, 1999**

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, a corporation of the State of Minnesota**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

**Techniques For Selective Activation Of Neurons In The Brain and Spinal Cord Parenchyma**

and identified as:

**Case No. 98,420**

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 himself to be the owner of the entire right, 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 considerations 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 authorizes 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 agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability 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 assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, 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.

**PATENT**

**\*REEL: 009970 FRAME: 0808**

WITNESS my hand and seal this 30 day of April, 99.

Michael Baudino

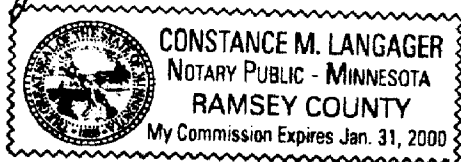
Michael Baudino

State of Minnesota

County of Ramsey

The foregoing instrument was acknowledged before me this 30<sup>th</sup> day of

April, 1999 by Michael Baudino



Constance M. Langager  
NOTARY PUBLIC

WITNESS my hand and seal this 30 day of April, 1999.

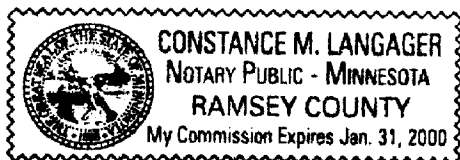
Mark T. Rise  
Mark T. Rise

State of Minnesota

County of Ramsey

The foregoing instrument was acknowledged before me this 30<sup>th</sup> day of

April, 1999 by Mark T. Rise



Constance M. Langager  
NOTARY PUBLIC