

11-10-1999

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

PATENT

Docket No.: M190.106.101



MAD 11/5/99

Please

101197888

hereof.

1. Name of conveying party(ies):

Michael F. Hoey
Peter M.J. Mulier

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

Name: Medtronic, Inc.

Internal Address:

Street Address: 7000 Central Avenue NE

City: Minneapolis State: Minnesota ZIP: 55432

Country: United States of America

Additional name(s) of conveying party(ies) attached?

☒ No ☐ Yes

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Additional name(s) & addresses attached?

☐ Yes ☒ No

Execution Date: September 23, 1999; August 20, 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 Serial No.(s)/Filing Date(s)

09/347,971

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

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.
☐ Any deficiencies in enclosed fees should be charged to deposit account 500471.

8. Deposit Account Number: 500471

(Attach duplicate copy of this page if paying by deposit account)

Name: Timothy A. Czaja

Address: DICKE, BILLIG & CZAJA, P.A.
701 Building, Suite 1250
701 Fourth Avenue South
Minneapolis, MN 55415

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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.

Timothy A. Czaja

(Name of Person Signing)

Signature

Date

Total number of pages comprising cover sheet, attachments and document: 4

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PATENT
REEL: 010365 FRAME: 0157

ASSIGNMENT

WHEREAS, we, Peter M. J. Mulier and Michael F. Hoey are the inventors of METHOD AND APPARATUS FOR CREATING A BI-POLAR VIRTUAL ELECTRODE USED FOR THE ABLATION OF TISSUE for which we have executed an application for filing in the United States Patent and Trademark Office preparatory to obtaining Letters Patent of the United States, filed July 6, 1999, serial number 09/347,971; therefor; and

WHEREAS, MEDTRONIC, INC. a corporation organized and existing under the laws of the State of Minnesota and having a principal place of business at 7000 Central Avenue N.E., Minneapolis, Minnesota 55432 hereinafter referred to as "Corporation," is desirous of acquiring the entire right, title and interest in and to said invention for the United States and for all foreign countries and in and to any and all foreign and domestic Letters Patent which may be granted therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Corporation, its successors and assigns, the entire right, title and interest in and to said invention and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor including my rights under the International Convention for the Protection of Industrial Property, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Letters Patent that may be granted, the same to be held and enjoyed by Corporation for its own use and behoof and use and behoof of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made;

AND, for the consideration aforesaid, we materially represent to Corporation, its successors and assigns, that at the time of the execution and delivery of these presents, we are the joint lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above mentioned, and that the same are unencumbered, and that we have good right and lawful authority to sell and convey the same in the manner herein set forth;

AND, for the consideration aforesaid, we hereby individually covenant and agree to and with Corporation, its successors and assigns, that whenever its counsel or the counsel of its successors or assigns, learned in the law, shall advise that an amendment or division of, or continuation or any continuation-in-part thereof, or any other proceeding in connection with the filing or prosecution of said domestic or foreign patent applications, including interference proceedings, is lawful and desirable, or that a reissue of extension of said Letters Patent is lawful and desirable, we, or our executors, administrators or assigns will sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue or extension of the same, without charge to Corporation, its successors or assigns, but at Corporation's expense.

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 23 day of September, 1999.



Peter M. J. Mulier

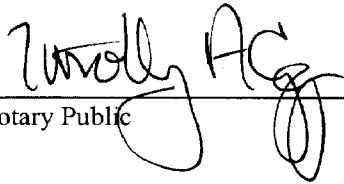
STATE OF MINNESOTA

ss.

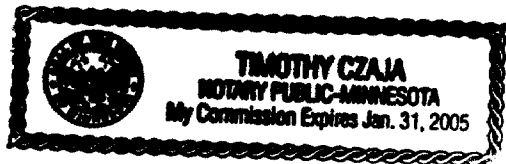
COUNTY OF

On this 23 day of September, 1999, before me personally appeared Peter M. J. Mulier, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

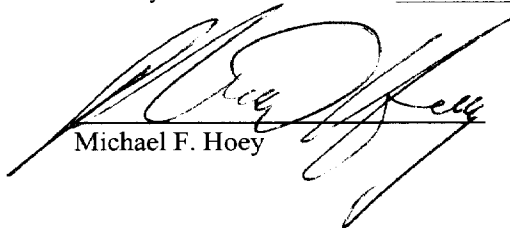


Notary Public



I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 20th day of August, 1999.

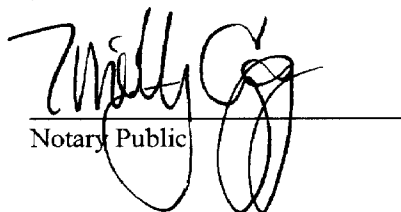

Michael F. Hoey

STATE OF MINNESOTA

COUNTY OF Hennepin ss.

On this 20 day of August, 1999, before me personally appeared Michael F. Hoey, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.


Notary Public

