Form PTO-1619-A U.S. DEPARTMENT OF COMMERCE 04-13-2004 Patent and Trademark Office Docket No.: M190.149/101 / P-11601.00 PATENT Please record the allactic 47,19914 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Eugene A. Mensah Mark C.S. Shu Name: Medtronic, Inc. Chris M. Coppin Internal Address: Additional name(s) of conveying party(ies) attached? No □Yes Street Address: 710 Medtronic Parkway, NE 3. Nature of conveyance: City: Minneapolis State: Minnesota ZIP: 55432 ■ Assignment Security Agreement Change of Name Country: United States of America ☐ Other Additional name(s) & addresses attached? Execution Date: April 6, 2004 ☐ Yes ☒ No 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: April 1, 2004; April 1, 2004; and April 3, 2004 A. Patent Application Serial No.(s)/Filing Date(s) B. Patent No.(s) 10819470 4-7-04 Additional numbers attached? 
Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41). . \$40.00 Name: Timothy A. Czaja Enclosed. The Patent Office is hereby authorized to charge Deposit Acct. No. 50-0471 in the amount of \$40.00 for recording of the Assignment document. Any deficiencies in enclosed fees should be charged to deposit account 50-0471. Address: DICKE, BILLIG & CZAJA, PLLC Fifth Street Towers, Suite 2250 8. Deposit Account Number: 50-0471 100 South Fifth Street (Attach duplicate copy of this page if paying by deposit account) Minneapolis, MN 55402 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information true and correct and any attached copy is a true copy of the original document. Timothy A. Czaja (Name of Person Signing) ignature Total number of pages comprising cover sheet, attachments and document: OMB No. 0651-0011 (exp. 4/94) 4/12/2004 LMUELLER 00000135 500471 10819470 Do not detach this portion

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## ASSIGNMENT

WHEREAS, we, Eugene A. Mensah; Mark C.S. Shu; and Chris M. Coppin; are the inventors of:

## "PHARMACOLOGICAL DELIVERY IMPLEMENT FOR USE WITH CARDIAC REPAIR DEVICES"

for which we have executed an application for Letters Patent with the United States Patent and Trademark Office based thereon on even date herewith;

WHEREAS, <u>MEDTRONIC</u>, INC. a corporation organized and existing under the laws of the <u>State of Minnesota</u> and having a principal place of business at <u>710 Medtronic Parkway N.E.</u>, <u>Minneapolis</u>, <u>Minnesota 55432</u> 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, I 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 behalf and use and behalf 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 me had this assignment and sale not been made;

AND, for the consideration aforesaid, I materially represent to Corporation, its successors and assigns, that at the time of the execution and delivery of these presents, I am the sole 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 I have good right and lawful authority to sell and convey the same in the manner herein set forth;

AND, for the consideration aforesaid, I 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, I, or my 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

Page 1 of 3

PATENT REEL: 015191 FRAME: 0509 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.

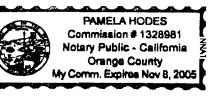
Eugene A. Mensah Residence: Irvine, California Mailing Address: 422 Duranzo Aisle, Irvine, CA 92606 Citizenship: **USA** STATE OF CALIFORNIA COUNTY OF , 2004, before me personally appeared Eugene A. Mensah, to me known to be the person described in and who executed the foregoing instrument and acknowledged 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. PAMELA HODES Commission # 1328981 Notary Public - California Orange County My Comm. Expires Nov 8, 2005 Residence: Rancho Santa Margarita, California Mailing Address: 33 Feldspar, Rancho Santa Margarita, CA 92688 Citizenship: USA STATE OF CALIFORNIA COUNTY OF , 2004, before me personally appeared Mark C.S. Shu, 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.

Notary Public

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

Page 2 of 3

year above written.



Chris M. Coppin

Date

Residence:

Carlsbad, California

Mailing Address: 4377 Yosemete Street, Carlsbad, CA 92008

Citizenship:

USA

STATE OF CALIFORNIA

COUNTY OF

, 2004, before me personally appeared Chris M. Coppin, 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.

**PAMELA HODES** Commission # 1328981 Notary Public - California **Orange County** Ay Comm. Expires Nov 8, 2005

## CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

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County of Maney	_ J
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On Copy le , OH before me, _	tamela Hodes Wothry
Date Civilian Civilia	Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared	Name(a) of Signer(d) Chris M. CO
	personally known to me
	proved to me on the basis of satisfactory
	evidence
PAMELA HODES Commission # 1328981	to be the person(s) whose name(s) is are
Notary Public - California	subscribed to the within instrument and
Orange County	acknowledged to me that he/she/the) executed the same in his/her/thei) authorized
My Comm. Expires Nov 8, 2005	capacity(les), and that by his/her(ther)
	signature(s) on the instrument the person(s), or
	the entity upon behalf of which the person(s) acted, executed the instrument.
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• PATENT **RECORDED: 04/07/2004** REEL: 015191 FRAME: 0512