

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Randall V. Sparer</td> <td>08/28/2007</td> </tr> <tr> <td>Julie Ann Alkatout</td> <td>08/28/2007</td> </tr> <tr> <td>Michael E. Benz</td> <td>08/28/2007</td> </tr> </tbody> </table>		Name	Execution Date	Randall V. Sparer	08/28/2007	Julie Ann Alkatout	08/28/2007	Michael E. Benz	08/28/2007
Name	Execution Date								
Randall V. Sparer	08/28/2007								
Julie Ann Alkatout	08/28/2007								
Michael E. Benz	08/28/2007								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	Medtronic, Inc.								
<b>Street Address:</b>	710 Medtronic Parkway N.E.								
<b>Internal Address:</b>	LC340								
<b>City:</b>	Minneapolis								
<b>State/Country:</b>	MINNESOTA								
<b>Postal Code:</b>	55432								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11824504</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11824504				
Property Type	Number								
Application Number:	11824504								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(763)505-2530								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	7635052523								
<b>Email:</b>	juanita.traufler@medtronic.com								
<b>Correspondent Name:</b>	Medtronic, Inc.								
<b>Address Line 1:</b>	710 Medtronic Parkway N.E.								
<b>Address Line 2:</b>	LC340								
<b>Address Line 4:</b>	Minneapolis, MINNESOTA 55432								
<b>ATTORNEY DOCKET NUMBER:</b>	P0021684.01(134.02440101)								
<b>NAME OF SUBMITTER:</b>	James H. Ackley								
Total Attachments: 6									

**CH \$40.00 11824504**

**500344441**

**PATENT  
 REEL: 019762 FRAME: 0378**

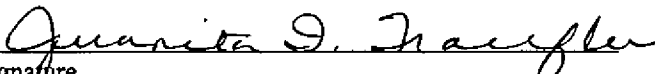
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**ASSIGNMENT TRANSMITTAL**

Application of: Sparer, et al.  
For: Poly(Orthoester) Polymers, and Methods of Making and Using Same  
Serial No.: 11/824,504  
Filed: June 29, 2007

**CERTIFICATE OF MAILING UNDER 37 CFR 1.8:** I hereby certify that this Assignment and the paper(s), as described herein, are being electronically filed with the Patent Trademark Office addressed to Mail Stop Box Assignments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 29th day of AUGUST, 2007.

  
Signature  
\_\_\_\_\_  
Juanita I. Traufler  
Printed Name

Mail Stop Box Assignments  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

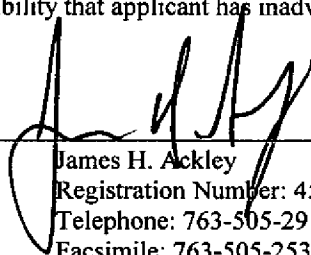
- ASSIGNMENT TRANSMITTAL
- ASSIGNMENT OF INVENTION
- ASSIGNMENT RECORDATION FORM COVER SHEET

Charge Deposit Account No. 13-2546 the sum of \$ 40.00 (RECORDAL OF ASSIGNMENT).

Please charge any additional fees or credits to Deposit Account No. 13-2546 which may have been overlooked on this Transmittal with regard to this filing.

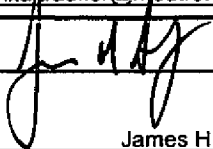
Applicant believes that no extension of time is required. However, if an extension of time is required, please consider this a petition therefor to provide for the possibility that applicant has inadvertently overlooked the need for an extension of time.

8/28/07  
Date

  
\_\_\_\_\_  
James H. Ackley  
Registration Number: 45,695  
Telephone: 763-505-2913  
Facsimile: 763-505-2530  
CUSTOMER NUMBER: 27581

### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<b>1. Name of conveying party(ies)</b> Randall V. Sparer Julie Ann alkatout Michael E. Benz  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>2. Name and address of receiving party(ies)</b> Name: <u>Medtronic, Inc.</u> Internal Address: <u>Mail Stop LC340</u>  Street Address: <u>710 Medtronic Parkway NE</u>  City: <u>Minneapolis</u> State: <u>Minnesota</u> Country: <u>USA</u> Zip: <u>55432</u>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s) <u>August 28, 2007</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____		<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/824,504</u> B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>Medtronic, Inc.</u> Internal Address: <u>LC340</u>  Street Address: <u>710 Medtronic Parkway N.E.</u>  City: <u>Minneapolis</u> State: <u>Minnesota</u> Zip: <u>55432</u> Phone Number: <u>763-505-2523</u> Fax Number: <u>763-505-2530</u> Email Address: <u>juanita.raufler@medtronic.com</u>		<b>6. Total number of applications and patents involved:</b> <u>1</u> <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$</b> _____ <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
<b>9. Signature:</b>  _____ Signature James H. Ackley Name of Person Signing		<b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>13-2546</u> Authorized User Name <u>James H. Ackley</u>  Total number of pages including cover sheet, attachments, and documents: <span style="border: 1px solid black; padding: 2px;">6</span>	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, WE, Randall V. Sparer, Julie Ann Alkatout, Michael Eric Benz, are the inventors of Poly(Orthoester) Polymers, and Methods of Making and Using Same 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 on June 29, 2007; 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 710 Medtronic Parkway 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, 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 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 28<sup>th</sup> day of August, 2007.

Randall V. Sparer  
Randall V. Sparer

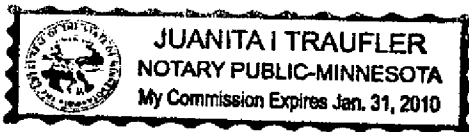
STATE OF Minnesota

ss.

COUNTY OF Anoka

On this 28<sup>th</sup> day of August, 2007, before me personally appeared Randall V. Sparer, 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.




Juanita I. Traufler  
Notary Public

ATTORNEY DOCKET: P0021684.01 (134.02440101)  
U.S. Application Serial No.: 11/824,504  
Filed: June 29, 2007

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 28<sup>th</sup> day of August, 2007.

  
Julie Ann Alkatout

STATE OF Minnesota

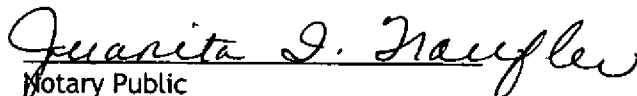
ss.

COUNTY OF Anoka

On this 28<sup>th</sup> day of August, 2007, before me personally appeared Julie Ann Alkatout, 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.

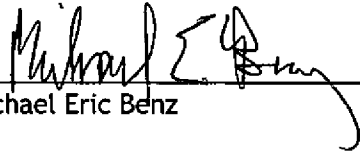


  
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\_\_\_\_\_  
Michael Eric Benz

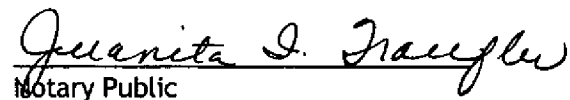
STATE OF Minnesota

ss.

COUNTY OF Anoka

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\_\_\_\_\_  
Notary Public

