PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Timothy J. CORVI	10/25/2011
Ricardo D. ROMAN	10/25/2011

RECEIVING PARTY DATA

Name:	Medtronic Ablation Frontiers LLC	
Street Address:	710 Medtronic Parkway	
City:	Minneapolis	
State/Country:	MINNESOTA	
Postal Code:	55432	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13281761

CORRESPONDENCE DATA

 Fax Number:
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 954-828-1488

 Email:
 ptomail@cwiplaw.com

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Mail.

Correspondent Name: Christopher & Weisberg, P.A. Address Line 1: 200 East Las Olas Boulevard

Address Line 2: Suite 2040

Address Line 4: Fort Lauderdale, FLORIDA 33301

ATTORNEY DOCKET NUMBER: 21819B-339U

NAME OF SUBMITTER: John Christopher

Total Attachments: 3

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PATENT REEL: 027125 FRAME: 0423 OP \$40.00 13281761

Attorney Docket No.: P0039580.USU1

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, h invention in SEMI-CIRCULAR PULMONARY VEIN ABLATION CATH	ave made an
for which an application for a United States Patent is being filed contemporaneously herewith;	
for which an application for a United States Patent identified as U.S. Patent Application No.; which application is identified as PCT International Patent Application No.; filed;	; was filed on
Whereas, Medtronic Ablation Frontiers LLC, a limited liability corporation organized and exist laws of the Sate of Delaware and having a principal place of business at 710 Medtronic Parkway. Min 55432, hereinafter referred to as "Corporation," is desirous of acquiring the entire right, title and interinvention for the United States and for all foreign countries and in and to any and all foreign and dome Patent which may be granted therefore;	nneapolis, MN rest in and to said

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 therefore including our 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 benefit and use and benefit 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, including the right to enforce such Letters Patent as fully and entirely as the same would have been held and enjoyed by the assignors if this assignment had not been made; together with all claims by assignors for damages by reason of past infringement or for provisional rights and including the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns, and other legal representatives;

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 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 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/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said <u>Medtronic Ablation Frontiers LLC</u> as the assignee of the entire right, title, and interest therein.

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle initial [if any]): Timothy J.	Family Name or Surname (last name): CORVI			
Inventor's Signature:	Date: 10/25/2011			
Residence (City and State): 7922 Sitio Granado, Carlsbad, CA 92009	Country: US	Citizenship: US		
STATE OF CALIFORNIA) SAN) SS. COUNTY OF DIELD)				
On OCTOSSIC 25,2011, before me, MISWA WALLSC. Notary Public, personally appeared MINOTHY COCKI, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signatures(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.				
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.				
WITNESS my hand and official seal.	MISHA N. WA COMM. #192 Notery Public C SAN DIEGO CO My Comm. Exp. FI	24779 m silfonia 42 suntry 4		
Signature Water) - The my country cap, re	337,490		

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Given Name (first and middle initial [if any]): Ricardo D.	Family Name or Surname (last name): ROMAN				
Inventor's Signature: Harris	Date: 10/25/11				
Residence (City and State): 819 De La Toba Road, Chula Vista, CA 91911	Country: US	Citizenship: US			
STATE OF CALIFORNIA) ss. COUNTY OF SECTIO) On OCTORES 25,221 , before me, MISHA WALNES. Notary Public, personally appeared RICARDO ROMAN , who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signatures(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and					
WITNESS my hand and official seal.	MISHA N. WARIN COMM. #192477 Notary Public Califor SAN DIEGO COUNT My Comm. Exp. FEB 7,	79 10 10 10 10 10 10 10 10 10 10 10 10 10			

Assignment

Page 3 of 3 Attorney Docket No.: P0039580.USU1 Meditronic Ablation Frontiers LLC, 710 Meditronic Parkway, Minneapolis, MN 55432

PATENT REEL: 027125 FRAME: 0426

RECORDED: 10/26/2011