

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3568996

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MEDTRONIC ABLATION FRONTIERS, INC.	03/27/2009
RECEIVING PARTY DATA		
Name:	MEDTRONIC ABLATION FRONTIERS TECHNOLOGIES LLC	
Street Address:	710 MEDTRONIC PARKWAY, NE	
City:	MINNEAPOLIS	
State/Country:	MINNESOTA	
Postal Code:	55432	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14471373
CORRESPONDENCE DATA		
Fax Number:	(954)828-9122	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	954-828-1488	
Email:	ptomail@cwiplaw.com	
Correspondent Name:	JOHN CHRISTOPHER	
Address Line 1:	CHRISTOPHER & WEISBERG, P.A.	
Address Line 2:	200 EAST LAS OLAS BOULEVARD, SUITE 2040	
Address Line 4:	FORT LAUDERDALE, FLORIDA 33301	
ATTORNEY DOCKET NUMBER:	21819B-273CON2	
NAME OF SUBMITTER:	JOHN CHRISTOPHER	
SIGNATURE:	/John Christopher/	
DATE SIGNED:	10/14/2015	
Total Attachments: 6		
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PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME
CONVEYING PARTY DATA	
Name	Execution Date
Medtronic Ablation Frontiers, Inc.	03/27/2009
RECEIVING PARTY DATA	
Name:	Medtronic Ablation Frontiers Technologies LLC
Street Address:	710 Medtronic Parkway N.E.
City:	Minneapolis
State/Country:	MINNESOTA
Postal Code:	55432
PROPERTY NUMBERS Total: 5	
Property Type	Number
Application Number:	12176115
Application Number:	11438678
Application Number:	12116753
Application Number:	12332236
Patent Number:	7468062
CORRESPONDENCE DATA	
Fax Number:	(763)505-2530
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	763-526-1640
Email:	madonna.schroeder@medtronic.com
Correspondent Name:	Scott A. Bardell
Address Line 1:	710 Medtronic Parkway
Address Line 2:	Mail Stop LC340
Address Line 4:	Minneapolis, MINNESOTA 55432
NAME OF SUBMITTER:	Scott A. Bardell
Total Attachments: 4	

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PATENT
REEL: 023471 FRAME: 0630

PATENT
REEL: 036790 FRAME: 0599

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PATENT
REEL: 023471 FRAME: 0631

PATENT
REEL: 036790 FRAME: 0600

Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "MEDTRONIC ABLATION FRONTIERS, INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "MEDTRONIC ABLATION FRONTIERS, INC." TO "MEDTRONIC ABLATION FRONTIERS TECHNOLOGIES LLC", FILED IN THIS OFFICE ON THE TWENTY-SEVENTH DAY OF MARCH, A.D. 2009, AT 3:38 O'CLOCK P.M.

3766848 8100V

090310813

You may verify this certificate online
at corp.delaware.gov/authver.shtml




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 7215045

DATE: 03-27-09

PATENT
REEL: 023471 FRAME: 0632

PATENT
REEL: 036790 FRAME: 0601

Delaware

PAGE 2

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF CERTIFICATE OF FORMATION OF "MEDTRONIC ABLATION FRONTIERS TECHNOLOGIES LLC" FILED IN THIS OFFICE ON THE TWENTY-SEVENTH DAY OF MARCH, A.D. 2009, AT 3:38 O'CLOCK P.M.

3766848 8100V

090310813

You may verify this certificate online
at corp.delaware.gov/authver.shtml




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 7215045

DATE: 03-27-09

PATENT
REEL: 023471 FRAME: 0633

PATENT
REEL: 036790 FRAME: 0602

State of Delaware
Secretary of State
Division of Corporations
Delivered 03:38 PM 03/27/2009
FILED 03:38 PM 03/27/2009
SRV 090310813 - 3766848 FILE

**CERTIFICATE OF CONVERSION
OF
MEDTRONIC ABLATION FRONTIERS, INC.**

(Pursuant to Section 18-214 of the Delaware Limited Liability Company Act)

THIS CERTIFICATE OF CONVERSION relates to the conversion of Medtronic Ablation Frontiers, Inc., a corporation organized and existing under the laws of the State of Delaware (the "Company"), into a Delaware limited liability company pursuant to Section 18-214 of the Limited Liability Company Act of the State of Delaware. The Company does hereby certify as follows:

FIRST: The name of the Company is "Medtronic Ablation Frontiers, Inc."

SECOND: The Company was initially incorporated in the State of Delaware on February 19, 2004.

THIRD: The name of the limited liability company shall be "Medtronic Ablation Frontiers Technologies LLC."

FOURTH: The conversion of the Company into a Delaware limited liability company has been approved pursuant to Section 18-214 of the Limited Liability Company Act of the State of Delaware.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Conversion on behalf of the Company as of this 27 day of March, 2009.

MEDTRONIC ABLATION FRONTIERS, INC.

By:

Name: Gary L. Ellis

Title: Vice President and Chief Financial Officer

SFODMS/6372012.1

**PATENT
REEL: 023471 FRAME: 0634**

**PATENT
REEL: 036790 FRAME: 0603**

State of Delaware
Secretary of State
Division of Corporations
Delivered 03:38 PM 03/27/2009
FILED 03:38 PM 03/27/2009
SRV 090310813 - 3766848 FILE

**CERTIFICATE OF FORMATION
OF
MEDTRONIC ABLATION FRONTIERS TECHNOLOGIES LLC**

(Pursuant to Section 18-201 of the Delaware Limited Liability Company Act)

THIS CERTIFICATE OF FORMATION of Medtronic Ablation Frontiers Technologies LLC, dated as of March 27, 2009, has been duly executed and filed by the undersigned, an authorized person, to form a limited liability company under the Delaware Limited Liability Company Act (6 Del. C. §18-101, *et seq.*).

FIRST: The name of the limited liability company formed hereby is Medtronic Ablation Frontiers Technologies LLC (the "Company").

SECOND: The address of the Company's registered office in the State of Delaware is Corporation Trust Center, 1209 Orange Street, Wilmington, DE, 19801, New Castle County.

THIRD: The name and address of the Company's registered agent for service of process on the Company in the State of Delaware is The Corporation Trust Company, Corporation Trust Center, 1209 Orange Street, Wilmington, DE, 19801, New Castle County.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Formation on behalf of the Company as of this 27 day of March, 2009.

Authorized Person

By: 
Name: Kayna P. Skeffington

SFODMS/6572013.2

RECORDED: 11/06/2009

RECORDED: 10/14/2015

PATENT
REEL: 023471 FRAME: 0635

PATENT
REEL: 036790 FRAME: 0604