

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5578508

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME
CONVEYING PARTY DATA	
Name	Execution Date
MEDTRONIC-COREVALVE INC.	04/20/2009
RECEIVING PARTY DATA	
Name:	MEDTRONIC COREVALVE LLC
Street Address:	1 JENNER, SUITE 100
City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92618
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16442590
CORRESPONDENCE DATA	
Fax Number:	
<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:	707 566 1375
Email:	kim.grigg@medtronic.com
Correspondent Name:	KIM S GRIGG
Address Line 1:	3576 UNOCAL PLACE
Address Line 4:	SANTA ROSA, CALIFORNIA 95403
ATTORNEY DOCKET NUMBER:	P0035375.USC15
NAME OF SUBMITTER:	WILLIAM L. HAYNES
SIGNATURE:	/William L. Haynes Reg. No. 48151/
DATE SIGNED:	06/18/2019
Total Attachments: 12	
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CHANGE OF NAME CONFIRMATION

I, Keyna P. Skeffington, Vice President and Senior Legal Counsel of Medtronic Inc., and Assistant Secretary of **Medtronic CoreValve LLC**, do hereby declare that:

1. An Agreement and Plan of Merger (the "**Agreement**") was made and entered into as of February 19, 2009 by and among others, **MEDTRONIC, INC.**, a Minnesota corporation, located at 710 Medtronic Parkway, Minneapolis, Minnesota 55432-5604, United States of America, and **CoreValve, Inc.**, a Delaware corporation, with a place of business at 1 Jenner, Suite 100, Irvine, California 92618,
2. The above-identify transaction closed on or about April 9, 2009; and
3. Pursuant to the Agreement, the attached list of patents and applications (Attachment A) are now owned by **Medtronic CoreValve LLC**, a Delaware limited liability corporation, the successor-in-interest to **CoreValve, Inc.**

Please record this Change of Name for each of the attached patents and applications.

Dated: APRIL 28, 2009

By: 
Keyna P. Skeffington
Assistant Secretary
Medtronic CoreValve LLC

Attachment A

Application No.	Filing Date	Patent or Publication No.
10/130,355	11-26-2002	6,830,584
PCT/FR2000/003176 Designating US	11/15/00	
10/412,634	4/10/2003	7,018,406
11/352,614	12/13/2006	7,329,278
12/029,031	2/11/2008	2008-0133003
10/772,101	2/4/2004	2004-0210304
12/348,892	1/5/2009	
60/684,192	5/24/2005	
11/434,506	5/15/2006	2007-0043435
10/482,270	7/4/2002	7,252,682
11/829,682	7/27/2007	2008-0215143
10/484,865	9/22/04	2005-0033398
60/684,110	5/24/2005	
60/790,636	4/10/2006	
11/488,395	7/18/2006	2007-0239271
60/868,891	12/6/2006	
11/952,080	12/6/2007	2008-0140189
11/128,826	5/13/2005	2006-0259136
11/433,296	5/12/2006	2006-0265056
12/253,858	10/17/2008	
12/212,620	9/17/2008	
60/876,547	12/22/2006	
60/907,907	4/20/2007	
61/144,655	1/14/2009	
61/129,170	6/9/2008	
IB2007/003975 Publication No. WO2008081256	12/18/07	

Delaware

PAGE 1

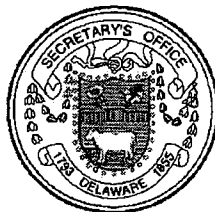
The First State

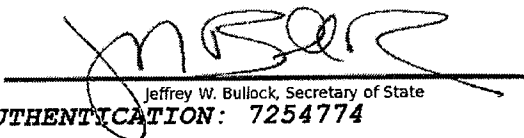
I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "MEDTRONIC-COREVALVE INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "MEDTRONIC-COREVALVE INC." TO "MEDTRONIC COREVALVE LLC", FILED IN THIS OFFICE ON THE TWENTIETH DAY OF APRIL, A.D. 2009, AT 4:13 O'CLOCK P.M.

4078161 8100V

090378679

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




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 7254774

DATE: 04-20-09

PATENT
REEL: 049508 FRAME: 0380

State of Delaware
Secretary of State
Division of Corporations
Delivered 04:13 PM 04/20/2009
FILED 04:13 PM 04/20/2009
SRV 090378679 - 4078161 FILE

**CERTIFICATE OF CONVERSION
OF
MEDTRONIC-COREVALVE INC.**

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

THIS CERTIFICATE OF CONVERSION relates to the conversion of Medtronic-CoreValve 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-CoreValve Inc."

SECOND: The Company was initially incorporated in the State of Delaware on December 15, 2005.

THIRD: The name of the limited liability company shall be "Medtronic CoreValve 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 20th day of April, 2009.

MEDTRONIC-COREVALVE INC.

By: G. S. Ellis
Name: Gary L. Ellis
Title: Vice President and Chief Financial Officer

Delaware

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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 COREVALVE LLC" FILED IN THIS OFFICE ON THE TWENTIETH DAY OF APRIL, A.D. 2009, AT 4:13 O'CLOCK P.M.



4078161 8100V

090378679

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


Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 7254774

DATE: 04-20-09

PATENT
REEL: 049508 FRAME: 0382

State of Delaware
Secretary of State
Division of Corporations
Delivered 04:13 PM 04/20/2009
FILED 04:13 PM 04/20/2009
SRV 090378679 - 4078161 FILE

**CERTIFICATE OF FORMATION
OF
MEDTRONIC COREVALVE LLC**

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

THIS CERTIFICATE OF FORMATION of Medtronic CoreValve LLC, dated as of April 20, 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 CoreValve 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 20 day of April, 2009.

Authorized Person

By: 
Name: Keyna P. Skeffington

SFODMS/6574323.2

**PATENT
REEL: 049508 FRAME: 0383**

Delaware

PAGE 1

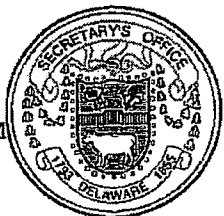
The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"ARMSTRONG MERGER CORPORATION", A DELAWARE CORPORATION,
WITH AND INTO "COREVALVE INC." UNDER THE NAME OF
"MEDTRONIC-COREVALVE INC.", A CORPORATION ORGANIZED AND EXISTING
UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED
IN THIS OFFICE THE NINTH DAY OF APRIL, A.D. 2009, AT 3:27
O'CLOCK P.M.

4078161 8100M

090351810




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 7238792

DATE: 04-09-09

PATENT
REEL: 049508 FRAME: 0384

State of Delaware
Secretary of State
Division of Corporations
Delivered 03:27 PM 04/09/2009
FILED 03:27 PM 04/09/2009
SRV 090351489 - 4078161 FILE

**CERTIFICATE OF MERGER
OF
COREVALVE INC.
(A DELAWARE CORPORATION)
AND
ARMSTRONG MERGER CORPORATION
(A DELAWARE CORPORATION)**

Pursuant to the provisions of Section 251 of the Delaware General Corporation Law (the "DGCL"), the following Certificate of Merger is executed as of April 9, 2009:

FIRST: The names of the constituent corporations to the merger are:

- (a) CoreValve Inc., a Delaware corporation; and
- (b) Armstrong Merger Corporation, a Delaware corporation.

SECOND: An Agreement and Plan of Merger, dated February 19, 2009, was approved, adopted, executed and acknowledged by each of CoreValve Inc. and Armstrong Merger Corporation in accordance with the provisions of the DGCL.

THIRD: The name of the surviving corporation is CoreValve Inc. (the "Surviving Corporation"). The name of the Surviving Corporation shall be amended in the merger to be "Medtronic-CoreValve Inc."

FOURTH: The merger shall be effective at the time this Certificate of Merger is filed with the Delaware Secretary of State.

FIFTH: The Amended and Restated Certificate of Incorporation attached hereto as Exhibit A shall be the Certificate of Incorporation of the Surviving Corporation as of the effective date of the merger.

SIXTH: The Board of Directors of Armstrong Merger Corporation shall be the Board of Directors of the Surviving Corporation as of the effective date of the merger.

SEVENTH: An executed copy of the Agreement and Plan of Merger is on file at the offices of CoreValve Inc. located at 710 Medtronic Parkway, Minneapolis, Minnesota 55432 and shall be furnished, on request and without cost, to any stockholder of any constituent corporation.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, CoreValve Inc. has executed this Certificate of Merger as of the date first set forth above.

COREVALVE INC.

By: _____

Name: Daniel Lemaire

Title: Chief Executive Officer

**AMENDED AND RESTATED
CERTIFICATE OF INCORPORATION
OF
MEDTRONIC-COREVALVE INC.**

ARTICLE 1 - NAME

The name of the corporation is Medtronic-CoreValve Inc. (hereinafter referred to as the "Corporation").

ARTICLE 2 - REGISTERED OFFICE AND AGENT

The address of the registered office of the Corporation in the State of Delaware is 1209 Orange Street, in the City of Wilmington, County of New Castle, Delaware 19801. The name of its registered agent at such address is The Corporation Trust Company.

ARTICLE 3 - PURPOSES

The purpose of the Corporation is to engage in any lawful act or activity for which a corporation may be organized under the General Corporation Law of the State of Delaware.

ARTICLE 4 - STOCK

The aggregate number of shares the corporation has authority to issue shall be 2,500 shares of Common Stock, \$.01 par value. Holders of Common Stock shall be entitled to one vote for each share of Common Stock held of record.

ARTICLE 5 - MANAGEMENT

The following provisions are inserted for the management of the business and for the conduct of the affairs of the Corporation, and for further definition, limitation and regulation of the powers of the Corporation and of its directors and stockholders:

5.1) The number of directors of the Corporation shall be such as from time to time shall be fixed by, or in the manner provided in, the bylaws. Election of directors need not be by ballot unless the bylaws so provide.

5.2) The Board of Directors shall have powers without the assent or vote of the stockholders to make, alter, amend, change, add to or repeal the bylaws of the Corporation; to fix and vary the amount to be reserved for any proper purpose; to authorize and cause to be executed

mortgages and liens upon all or any part of the property of the Corporation; to determine the use and disposition of any surplus or net profits; and to fix the times for the declaration and payment of dividends.

5.3) The directors in their discretion may submit any contract or act for approval or ratification at any annual meeting of the stockholders or at any meeting of the stockholders called for the purpose of considering any such act or contract, and any contract or act that shall be approved or be ratified by the vote of the holders of a majority of the stock of the Corporation which is represented in person or by proxy at such meeting and entitled to vote thereat (provided that a lawful quorum of stockholders be there represented in person or by proxy) shall be as valid and as binding upon the Corporation and upon all the stockholders as though it had been approved or ratified by every stockholder of the Corporation, whether or not the contract or act would otherwise be open to legal attack because of directors' interest, or for any other reason.

5.4) In addition to the powers and authorities hereinbefore or by statute expressly conferred upon them, the directors are hereby empowered to exercise all such powers and do all such acts and things as may be exercised or done by the Corporation; subject, nevertheless, to the provisions of the statutes of Delaware, of this certificate, and to any bylaws from time to time made by the stockholders; provided, however, that no bylaws so made shall invalidate any prior act of the directors which would have been valid if such bylaw had not been made.

ARTICLE 6 - LIMITATION OF DIRECTOR LIABILITY

To the fullest extent permitted by the General Corporation Law or any other applicable law as now in effect or as it may hereafter be amended, a director of the Corporation shall not be personally liable to the Corporation or its stockholders for monetary damages for any action taken, or any failure to take any action, as a director of the Corporation.

The Corporation shall indemnify to the fullest extent permitted by law any person made or threatened to be made a party to an action or proceeding, whether criminal, civil, administrative or investigative, by reason of the fact that he or she is or was a director or officer of the Corporation or any predecessor of the Corporation or serves or served any other enterprise as a director, officer, employee or agent at the request of the Corporation or any predecessor to the Corporation. This indemnification provided herein shall inure to the benefit of the heirs, executors and administrators of each person referred to in the immediately preceding sentence.

Neither any amendment nor repeal of this Article 6 nor the adoption of any provision of this Certificate inconsistent with this Article 6 shall eliminate or reduce the effect of this Article 6 in respect of any matter occurring, or any cause of action, suit or claim accruing or arising or that, but for this Article 6, would accrue or arise, prior to such amendment, repeal or adoption or an inconsistent provision.

ARTICLE 7 - AMENDMENT

The Corporation reserves the rights to amend, alter, change or repeal any provision contained in this Certificate of Incorporation in the manner now or hereafter prescribed by law, and all rights and powers conferred herein on stockholders, directors and officers are subject to this reserved power.

ARTICLE 8 - SECTION 203

Section 203 of the General Corporation Law of the State of Delaware shall not apply to the Corporation.