

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4175681

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SURGICAL NAVIGATION TECHNOLOGIES, INC.	12/20/2004
RECEIVING PARTY DATA		
Name:	MEDTRONIC NAVIGATION, INC.	
Street Address:	826 COAL CREEK CIRCLE	
Internal Address:	COAL CREEK CORPORATE CENTER ONE	
City:	LOUISVILLE	
State/Country:	COLORADO	
Postal Code:	80027	
PROPERTY NUMBERS Total: 2		
	Property Type	Number
	Application Number:	09063410
	Patent Number:	6434507
CORRESPONDENCE DATA		
Fax Number:	(248)641-0270	
<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:	(248) 641-1271	
Email:	troydocketing@hdp.com, pneal@hdp.com	
Correspondent Name:	HARNESS, DICKEY & PIERCE, P.L.C.	
Address Line 1:	P.O. BOX 828	
Address Line 4:	BLOOMFIELD HILLS, MICHIGAN 48303	
ATTORNEY DOCKET NUMBER:	5074A-000011 SERIES	
NAME OF SUBMITTER:	RICHARD W. WARNER	
SIGNATURE:	/Richard W. Warner/	
DATE SIGNED:	12/08/2016	
Total Attachments: 5		
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Delaware

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The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THAT THE SAID "SURGICAL NAVIGATION TECHNOLOGIES, INC.", FILED A RESTATED CERTIFICATE, CHANGING ITS NAME TO "MEDTRONIC NAVIGATION, INC.", THE THIRTEENTH DAY OF DECEMBER, A.D. 2004, AT 1:12 O'CLOCK P.M.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

2447510 8320

AUTHENTICATION: 3564584

040923085

DATE: 12-20-04

PATENT
REEL: 040858 FRAME: 0545

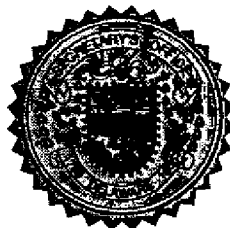
Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE RESTATED CERTIFICATE OF "SURGICAL NAVIGATION TECHNOLOGIES, INC.", CHANGING ITS NAME FROM "SURGICAL NAVIGATION TECHNOLOGIES, INC." TO "MEDTRONIC NAVIGATION, INC.", FILED IN THIS OFFICE ON THE THIRTEENTH DAY OF DECEMBER, A.D. 2004, AT 1:12 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



2447510 8100

040898256

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3542943

DATE: 12-13-04

PATENT

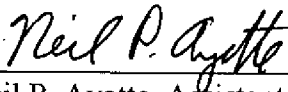
REEL: 040858 FRAME: 0546

**RESTATED CERTIFICATE OF INCORPORATION
OF
SURGICAL NAVIGATION TECHNOLOGIES, INC.**

Surgical Navigation Technologies, Inc., a corporation organized and existing under the laws of the State of Delaware, hereby certifies as follows:

1. The name of the corporation is "Medtronic Navigation, Inc." The date of filing of its original Certificate of Incorporation with the Secretary of State was January 4, 1995.
2. The text of the Restated Certificate of Incorporation is hereby amended to read as set forth in full on Exhibit A attached hereto.
3. The Restated Certificate of Incorporation was duly adopted by unanimous written consent of the stockholders in accordance with the applicable provisions of Section 228, 242 and 245 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said Medtronic Sofamor Danek, Inc. has caused this Certificate to be signed by Neil P. Ayotte, its Assistant Secretary, this 10th day of December, 2004.



Neil P. Ayotte, Assistant Secretary

**RESTATED CERTIFICATE OF INCORPORATION
OF
SURGICAL NAVIGATION TECHNOLOGIES, INC.**

ARTICLE 1 - NAME

The name of the corporation shall be Medtronic Navigation, Inc.

ARTICLE 2 - REGISTERED OFFICE AND AGENT

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 nature of the business or purposes to be conducted or promoted by the corporation is to engage in any lawful acts and activities for which corporations may be organized under the General Corporation Law 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 - RIGHTS OF STOCKHOLDERS

5.1) No Preemptive Rights. No holder of shares of the corporation of any class now or hereafter authorized has any preferential or preemptive right to subscribe for, purchase or receive any shares of the corporation of any class now or hereafter authorized, or any options or warrants for such shares, which may at any time be issued, sold or offered for sale by the corporation.

5.2) No Cumulative Voting Rights. No holder of shares of the corporation of any class now or hereafter authorized shall be entitled to cumulative voting.

ARTICLE 6 - MEETINGS AND BOOKS

6.1) Meetings of Stockholders and Election of Directors. Meetings of stockholders may be held within or outside the State of Delaware, as the Bylaws may provide. Elections of directors need not be by written ballot unless and except to the extent that the Bylaws so provide.

6.2) Corporate Books. The books of the corporation may be kept within or (subject to any provision contained in the statutes) outside the State of Delaware at such place or places as may be designated from time to time by the Board of Directors or in the Bylaws of the corporation.

ARTICLE 7 - LIMITATION OF DIRECTOR LIABILITY

To the fullest extent permitted by the Delaware General Corporation Law, as the same exists or may hereafter be amended, a director of the corporation shall not be liable to the corporation or its stockholders for monetary damages for breach of fiduciary duty as a director. If the Delaware General Corporation Law is amended after the date of the filing of this (Amended and Restated) Certificate of Incorporation to authorize corporate action further eliminating or limiting the personal liability of directors, then the liability of a director of the corporation shall be eliminated or limited to the fullest extent permitted by the Delaware General Corporation Law, as so amended from time to time. No repeal or modification of this Article 7 by the stockholders shall adversely affect any right or protection of a director of the corporation existing by virtue of this Article 7 at the time of such repeal or modification.

ARTICLE 8 - BYLAWS

The Board of Directors is expressly authorized to make and alter Bylaws of this corporation, subject to the power of the stockholders to change or repeal such Bylaws and subject to any other limitations on such authority provided by the General Corporation Law of Delaware.