505306938 01/31/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5353718

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PREMA GANESAN	04/07/2005
JONATHAN MORRIS	04/08/2005
DAVE R. ERICKSON	04/11/2005
MATTHEW RUST	04/07/2005
CURTIS HANSON	04/13/2005
JACK CHU	04/12/2005
CHARLES THOMAS	04/26/2005

RECEIVING PARTY DATA

Name:	MEDTRONIC VASCULAR, INC.
Street Address:	3576 UNOCAL PLACE
City:	SANTA ROSA
State/Country:	CALIFORNIA
Postal Code:	95403

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13091363

CORRESPONDENCE DATA

Fax Number:

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.

Email: rs.vasciplegal@medtronic.com

Correspondent Name: MEDTRONIC VASCULAR, INC.

Address Line 1: 3576 UNOCAL PLACE

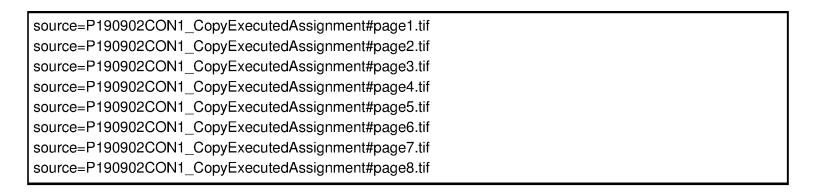
Address Line 4: SANTA ROSA, CALIFORNIA 95403

ATTORNEY DOCKET NUMBER:	PA0001909.02CON1	
NAME OF SUBMITTER:	THEODORE P. LOPEZ	
SIGNATURE:	/Theodore P. Lopez/	
DATE SIGNED:	01/31/2019	

Total Attachments: 8

PATENT REEL: 048209 FRAME: 0595

505306938



PATENT REEL: 048209 FRAME: 0596

ASSIGNMENT

WHEREAS, We, PREMA GANESAN; JONATHAN MORRIS; DAVID R. ERICKSON; MATTHEW RUST; CURTIS HANSON; JACK CHU; and CHARLES THOMAS, are the inventors of "METHODS AND APPARATUS FOR TREATMENT OF ANEURYSMS ADJACENT BRANCH ARTERIES" executed by the undersigned on the dates written below; and

WHEREAS, <u>MEDTRONIC VASCULAR</u>, <u>INC.</u> a Delaware corporation having a place of business at <u>3576 Unocal Place</u>, <u>Santa Rosa</u>, <u>California 95403</u> hereinafter referred to as "ASSIGNEE," 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 papers do sell, assign, transfer and set over unto ASSIGNEE, 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 ASSIGNEE for its own use and behoof and use and behoof 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 ASSIGNEE, its successors and assigns, that at the time of the execution and delivery of these papers, 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 ASSIGNEE, 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 ASSIGNEE, its successors or assigns, but at ASSIGNEE'S expense.

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

PATENT REEL: 048209 FRAME: 0597

IN WITNESS WHEREOF, I have hereunto set my hand on this day of day of, 2005.
PREMA GANESAN
STATE OF California
STATE OF <u>California</u> Sonoma ss.
On this
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.
Notary Public
KIMBERLY MELVIN Commission # 1461665 Notary Public - California & Santa Clara County My Comm. Expires Jan 10, 2008

IN WITNESS WHEREOF, I have hereunto set my hand on this & day of, 2005.
JONATHAN MORRIS
STATE OF JULIAN
county of <u>Janant</u> ss.
On this day of formulation of 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.
$\mathcal{A}_{\mathcal{A}}$
SUSAN LANELLE LIZAK Notary Public, State of Texas My Commission Expires February 25, 2009 Notary Public

IN WITNESS WHEREOF, I have hereunto :	set my hand on this	day of
	David R. Ed David R. Er	ick son
STATE OF Tennessee		mme yellos
COUNTY OF Shelby	SS.	The file of
On this day of	, 20 rsonally appeared DAVE E d who executed the foregon ne as his free act and deed	05, before me, FRICKSON to The instrument
IN WITNESS WHEREOF, I have here seal of my office, the day and year above with the seal of my office, the day and year above with the seal of my office, the day and year above with the seal of my office, the day and year above with the seal of my office, the day and year above with the seal of my office, the day and year above with the seal of my office, the day and year above with the seal of my office, the day and year above with the seal of my office, the day and year above with the seal of my office, the day and year above with the seal of my office, the day and year above with the seal of my office, the day and year above with the seal of my office, the day and year above with the seal of my office.		nature with the
	Mauly R. M. Notary Public 3/5	Way 706

PATENT REEL: 048209 FRAME: 0600

IN WITNESS WHEREOF, I have hereunto set	t my hand on this day of
	MATTHEW RUST
	·
STATE OF <u>California</u>	
COUNTY OF Sonoma	SS.
On this day of Kimber W Melvin, Notary Mulic , person described in and who acknowledged that he executed the same as he	
IN WITNESS WHEREOF, I have hereus seal of my office, the day and year above written	
KIMBERLY MELVIN Commission # 1461665 Notary Public - California Santa Clara County My Comm. Expires Jan 10, 2008	Notary Puplic

IN WITNESS WHEREOF, I have hereunto set my hand on this day of, 2005.
CURTIS HANSON
STATE OF California
county of San Diego
On this 13th day of April , 2005, before me, Jenus fer Clark , personally appeared CURTIS HANSON 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.
JENNIFER LYNN CLARK COMM. #1370172 ## DANIES COMM. #1370172 ## DANIES COMMITTED TO THE COMM

IN WITNESS WHEREOF, I have hereunto set my hand on this/2#\ day of, 2005.
JACK CHU
STATE OF <u>California</u>
STATE OF <u>California</u> COUNTY OF <u>Sonoma</u> ss.
On this 12 day of April , 2005, before me, him ben't Mewin, Notary Whice , personally appeared JACK CHU 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.
Notary Public
Kit-ABERLY MELVIN Commission # 1461665 Notary Public - California Santa Clara County My Comm. Expires Jan 10, 2008

IN WITNESS WHEREOF, I have hereunto set my hand on this 4/26/65 day of, 2005.
Thule herr CHARLES THOMAS
STATE OF <u>California</u>
COUNTY OF Sonoma
On this 2005, before me, Kimber Molvin, Notary Public, personally appeared CHARLES THOMAS 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.
KIMBERLY MELVIN Commission # 1461665 Notary Public - California Santa Clara County My Comm. Expires Jan 10, 2008

PATENT REEL: 048209 FRAME: 0604

RECORDED: 01/31/2019