

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																						
NATURE OF CONVEYANCE:	ASSIGNMENT																						
CONVEYING PARTY DATA																							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Michael Costa</td><td>09/13/2011</td></tr><tr><td>Lance Ensign</td><td>09/09/2011</td></tr><tr><td>Dustin Thompson</td><td>08/22/2011</td></tr><tr><td>Paul Coates</td><td>08/22/2011</td></tr><tr><td>Rui Lam</td><td>08/22/2011</td></tr><tr><td>Larry Childs</td><td>09/21/2011</td></tr><tr><td>Justin Eckhardt</td><td>09/15/2011</td></tr><tr><td>Jerry Warmerdam</td><td>09/13/2011</td></tr><tr><td>Charlie Dawson</td><td>09/15/2011</td></tr><tr><td>Bob Boldig</td><td>09/14/2011</td></tr></tbody></table>		Name	Execution Date	Michael Costa	09/13/2011	Lance Ensign	09/09/2011	Dustin Thompson	08/22/2011	Paul Coates	08/22/2011	Rui Lam	08/22/2011	Larry Childs	09/21/2011	Justin Eckhardt	09/15/2011	Jerry Warmerdam	09/13/2011	Charlie Dawson	09/15/2011	Bob Boldig	09/14/2011
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RECEIVING PARTY DATA																							
<table border="1"><tr><td>Name:</td><td>Medtronic Vascular, Inc.</td></tr><tr><td>Street Address:</td><td>3576 Unocal Place</td></tr><tr><td>City:</td><td>Santa Rosa</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>95403</td></tr></table>		Name:	Medtronic Vascular, Inc.	Street Address:	3576 Unocal Place	City:	Santa Rosa	State/Country:	CALIFORNIA	Postal Code:	95403												
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Application Number:	13191134																						
CORRESPONDENCE DATA																							
Fax Number:	(707)543-5420																						
Phone:	707-566-1375																						
Email:	rs.vasciplegal@medtronic.com																						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																							
Correspondent Name:	MEDTRONIC VASCULAR, INC. IP LEGAL DEPART																						

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501671661

PATENT
REEL: 026968 FRAME: 0270

Address Line 1: 3576 UNOCAL PLACE
Address Line 4: SANTA ROSA, CALIFORNIA 95403

ATTORNEY DOCKET NUMBER:	P0037062.00 US
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NAME OF SUBMITTER:	Anthony A. Sheldon
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Total Attachments: 11

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ASSIGNMENT

WHEREAS, we, **MICHAEL COSTA; LANCE ENSIGN; DUSTIN THOMPSON; PAUL COATES; RUI LAM; LARRY CHILDS; JUSTIN ECKHARDT; JERRY WARMERDAM; CHARLIE DAWSON; and BOB BOLDIG**, are the inventors of "APPARATUS AND METHOD FOR FORMING A WAVE FORM FOR A STENT FROM A WIRE", filed on **July 26, 2011**, U.S. Application, Serial No. **13/191,134** executed by the undersigned on the dates written below; and

WHEREAS, **MEDTRONIC VASCULAR, INC.** a Delaware corporation having a place of business at 3576 Unocal Place, Santa Rosa, California 95403 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, we have sold, assigned, transferred and set over and by these presents 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 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 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 us had this assignment and sale not been made;

AND, for the consideration aforesaid, we materially represent to ASSIGNEE, 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 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, 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 ASSIGNEE, its successors or assigns, but at ASSIGNEE'S expense.

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

IN WITNESS WHEREOF, I have hereunto set my hand on this 13 day of 9, 2011.


MICHAEL COSTA

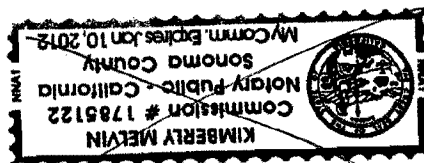
State of California

County of Sonoma

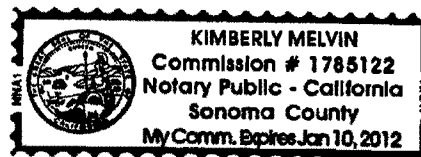
On Sept. 13, 2011 before me, Kimberly Melvin, Notary Public, personally appeared **MICHAEL COSTA**, who proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(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 _____ that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature  (Seal)



IN WITNESS WHEREOF, I have hereunto set my hand on this 9th day of September 2011.


LANCE ENSIGN

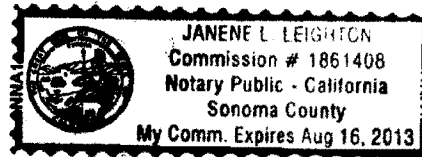
State of California

County of Sonoma

On 9/9/2011 before me, Janene L. Leighton, Notary Public,
personally appeared **LANCE ENSIGN**, who proved to me on the basis of satisfactory
evidence to be the person(s) whose names(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 signature(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.



Signature Janene L. Leighton (Seal)

IN WITNESS WHEREOF, I have hereunto set my hand on this 22 day of AUGUST, 2011.



 DUSTIN THOMPSON

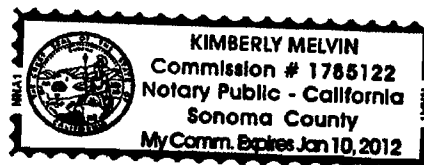
State of California

County of Sonoma

On August 22, 2011 before me, Kimberly Melvin, Notary Public, personally appeared **DUSTIN THOMPSON**, who proved to me on the basis of satisfactory evidence to be the person(s) whose names(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 signature(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.



Signature  (Seal)

IN WITNESS WHEREOF, I have hereunto set my hand on this 22 day of August, 2011.

Paul J Coates
PAUL COATES

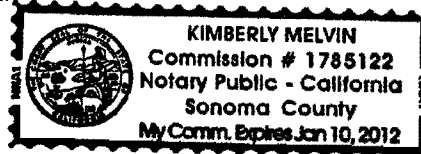
State of California

County of Sonoma

On August 22, 2011 before me, Kimberly Melvin, Notary Public, personally appeared **PAUL COATES**, who proved to me on the basis of satisfactory evidence to be the person(s) whose names(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 signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

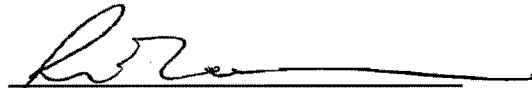
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature YL (Seal)

IN WITNESS WHEREOF, I have hereunto set my hand on this 22 day of August, 2011.


RUI LAM

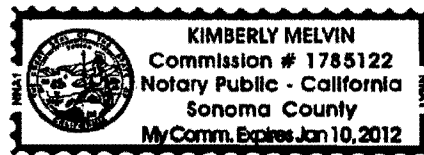
State of California

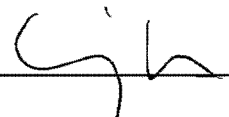
County of Sonoma

On August 22, 2011 before me, Kimberly Melvin, Notary Public, personally appeared **RUI LAM**, who proved to me on the basis of satisfactory evidence to be the person(s) whose names(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 signature(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.



Signature  (Seal)

IN WITNESS WHEREOF, I have hereunto set my hand on this 21 day of SEPT, 2011.

LARRY CHILDS

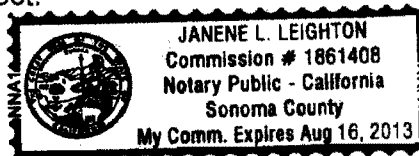
State of California

County of Sonoma

On Sept. 21, 2011 before me, Janene L. Leighton, Notary Public, personally appeared **LARRY CHILDS**, who proved to me on the basis of satisfactory evidence to be the person(s) whose names(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 signature(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.



Signature Janene L. Leighton (Seal)

IN WITNESS WHEREOF, I have hereunto set my hand on this 15 day of SEPT, 2011.


JUSTIN ECKHARDT

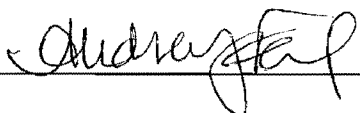
State of CA

County of PLACER

On 9.15.2011 before me, Audrey Flood, Notary Public,
personally appeared **JUSTIN ECKHARDT**, who proved to me on the basis of
satisfactory evidence to be the person(s) whose names(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 signature(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 CA
that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)

IN WITNESS WHEREOF, I have hereunto set my hand on this 13th day of Sept., 2011.


 JERRY WARMERDAM

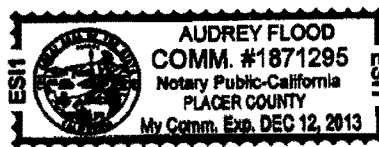
State of CA

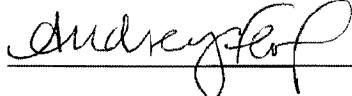
County of PLACER

On SEPT. 13, 2011 before me, AUDREY FLOOD, Notary Public, personally appeared **JERRY WARMERDAM**, who proved to me on the basis of satisfactory evidence to be the person(s) whose names(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 signature(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 CA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature  (Seal)

IN WITNESS WHEREOF, I have hereunto set my hand on this 15 day of 9, 2011.



CHARLIE DAWSON

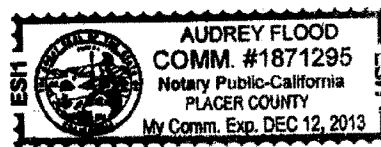
State of CA

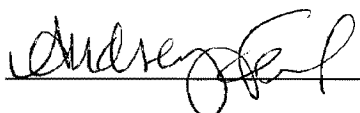
County of PLACER

On 9.15.2011 before me, Audrey Flood, Notary Public, personally appeared **CHARLIE DAWSON**, who proved to me on the basis of satisfactory evidence to be the person(s) whose names(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 signature(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 CA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature  (Seal)

IN WITNESS WHEREOF, I have hereunto set my hand on this 14 day of September 2011.

Bob Boldig
BOB BOLDIG

State of Wisconsin

County of Ozaukee

On September 14, 2011 before me, Jennifer Slegelis, Notary Public, personally appeared **BOB BOLDIG**, who proved to me on the basis of satisfactory evidence to be the person(s) whose names(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 signature(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 Wisconsin that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Jennifer Slegelis (Seal)

