

## 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>Susheel Deshmukh</td> <td>11/05/2012</td> </tr> <tr> <td>Siyam Som</td> <td>11/05/2012</td> </tr> <tr> <td>Adam Shipley</td> <td>11/12/2012</td> </tr> <tr> <td>Matthew Spurchise</td> <td>11/02/2012</td> </tr> <tr> <td>Stephen Peter</td> <td>11/05/2012</td> </tr> <tr> <td>Shishira Nagesh</td> <td>11/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Susheel Deshmukh	11/05/2012	Siyam Som	11/05/2012	Adam Shipley	11/12/2012	Matthew Spurchise	11/02/2012	Stephen Peter	11/05/2012	Shishira Nagesh	11/05/2012
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<table border="1"> <tr> <td>Name:</td> <td>Medtronic, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>710 Medtronic Parkway</td> </tr> <tr> <td>City:</td> <td>Minneapolis</td> </tr> <tr> <td>State/Country:</td> <td>MINNESOTA</td> </tr> <tr> <td>Postal Code:</td> <td>55432</td> </tr> </table>		Name:	Medtronic, Inc.	Street Address:	710 Medtronic Parkway	City:	Minneapolis	State/Country:	MINNESOTA	Postal Code:	55432				
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Application Number:	13686311														
CORRESPONDENCE DATA															
Fax Number:	7075435420														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	707-566-1375														
Email:	rs.vasciplegal@medtronic.com														
Correspondent Name:	MEDTRONIC VASCULAR, INC. IP LEGAL DEPART														
Address Line 1:	3576 UNOCAL PLACE														
Address Line 4:	SANTA ROSA, CALIFORNIA 95403														
ATTORNEY DOCKET NUMBER:	C2001.USU1														
NAME OF SUBMITTER:	William L. Haynes														

CH \$40.00 13686311

**Total Attachments: 7**

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## ASSIGNMENT

WHEREAS we, the below named inventor(s), **SUSHEEL DESHMUKJ; SIYAN SOM; ADAM SHIPLEY; MATTHEW SPURCHISE; STEPHEN PETER; SHISHIRA NAGESH**, have made an invention in

**DISTAL TIP FOR A DELIVERY CATHETER**

for which an application for a United States Patent or a U.S. Provisional Application is being filed contemporaneously herewith;

WHEREAS, **MEDTRONIC, INC.**, a corporation organized and existing under the laws of the State of Minnesota and having a principal place of business at 710 Medtronic Parkway, Minneapolis, Minnesota 55432, 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 application(s) identified above, and in and to any application claiming benefit thereto, 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 benefit and use and benefit 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, including the right to enforce such Letters Patent as fully and entirely as the same would have been held and enjoyed by the assignors if this assignment had not been made; together with all claims by assignors for damages by reason of past infringement or for provisional rights and including the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns, and other legal representatives;

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 is lawful and desirable, or that a reissue or 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 authorize and request the Honorable Commissioner of Patents to issue any and all Letters Patent to ASSIGNEE in accordance with this instrument.

IN WITNESS WHEREOF, we have signed our name(s) below on this 5<sup>th</sup> day of Nov, 2012.

Susheel Deshmukh  
SUSHEEL DESHMUKH

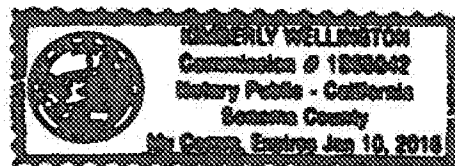
State of California

County of Sonoma

On November 5, 2012 before me, Kimberly Wellington, Notary Public, personally appeared **SUSHEEL DESHMUKH**, 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 Kimberly Wellington (Seal)

IN WITNESS WHEREOF, we have signed our name(s) below on this 5<sup>th</sup> day of NOV., 2012.

  
\_\_\_\_\_  
**SIYAN SOM**

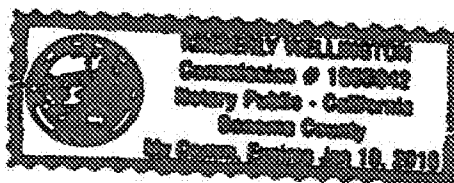
State of California


County of Sonoma

On November 5, 2012 before me, Kimberly Wellington, Notary Public, personally appeared **SIYAN SOM**, 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, we have signed our name(s) below on this 12 day of Nov. 2012.

  
ADAM SHIPLEY

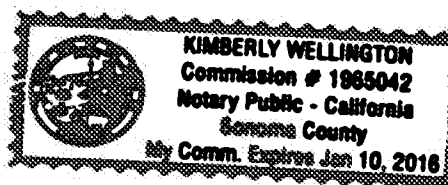
State of California

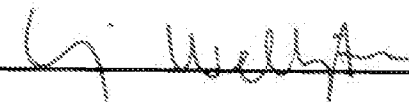
County of Sonoma

On November 12, 2012 before me, Kimberly Wellington, Notary Public, personally appeared **ADAM SHIPLEY**, 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, we have signed our name(s) below on this 2 day of November, 2012.

  
MATTHEW SPURCHISE

State of Massachusetts

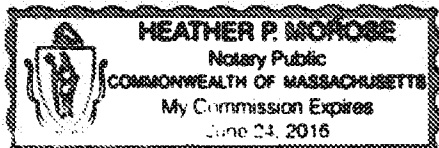
County of Essex

On 2-November-2012 before me, Heather P. Morose, Notary Public, personally appeared **MATTHEW SPURCHISE**, 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 Massachusetts that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)



IN WITNESS WHEREOF, we have signed our name(s) below on this 5 day of Nov, 2012.

  
\_\_\_\_\_  
**STEPHEN PETER**

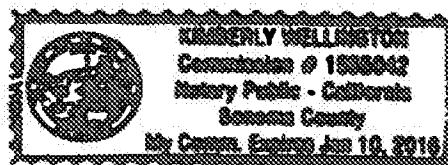
State of California

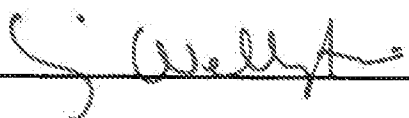
County of Sonoma

On November 5, 2012 before me, Kimberly Wellington, Notary Public, personally appeared **STEPHEN PETER**, 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, we have signed our name(s) below on this 5 day of Nov, 2012.

  
\_\_\_\_\_  
SHISHIRA NAGESH

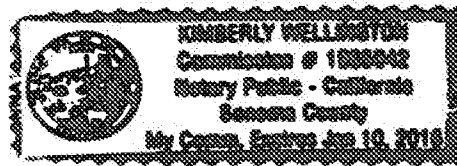
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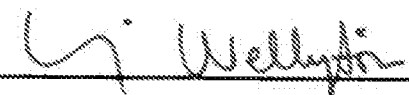
County of Sonoma

On November 5, 2012 before me, Kimberly Wellington, Notary Public, personally appeared **SHISHIRA NAGESH**, 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)