

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5161459

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ARAM JAMOUS	06/08/2018
JOHN KELLY	06/08/2018
CONOR MCMULLEN	06/08/2018
MATTHEW FLEMING	06/08/2018
COLIN WILLIAM MEADE	09/11/2018
GRAINNE TERESA CARROLL	06/08/2018
PAUL MORTON	09/07/2018
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:	15970736
CORRESPONDENCE DATA	
Fax Number:	(707)543-5420
<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:	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:	MDTC 15895.US
NAME OF SUBMITTER:	LAURA DAVIS
SIGNATURE:	/Laura Davis/
DATE SIGNED:	09/27/2018

Total Attachments: 8

source=03461277#page1.tif

source=03461277#page2.tif

source=03461277#page3.tif

source=03461277#page4.tif

source=03461277#page5.tif

source=03461277#page6.tif

source=03461277#page7.tif

source=03461277#page8.tif

PATENT

REEL: 046992 FRAME: 0241

ASSIGNMENT OF APPLICATION(S)

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

TISSUE-REMOVING CATHETER WITH GUIDEWIRE ISOLATION LINER

- ☐ for which an application for a United States Patent or a U.S. Provisional Application is being filed contemporaneously herewith;
- ☒ for which an application for a United States Patent identified as U.S. Patent Application No. 15/970,736; was filed on May 3, 2018;
- ☐ for which an application for a U.S. Provisional Application No. _____; was filed on _____;
- ☒ for which above application claims priority to U.S. Provisional Patent Application No. 62/500,867, filed on May 3, 2017; and U.S. Provisional Patent Application No. 62/500,879, filed on May 3, 2017;
- ☐ which application is identified as PCT International Patent Application No. _____; filed _____;

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 Corporation, 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 therefore including our rights under the International Convention for the Protection of Industrial Property, which include the right to claim priority based on the filing date of said application(s), 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 Corporation 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 me 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;

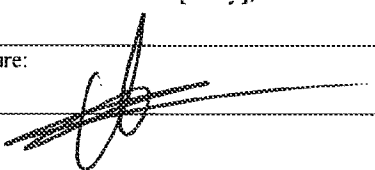
AND, for the consideration aforesaid, we materially represent to Corporation, its successors and assigns, that at the time of the execution and delivery of these presents, we are the sole lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above 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 Corporation, 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 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 Corporation, its successors or assigns, but at Corporation's expense.

I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said Medtronic, Inc., as the assignee of the entire right, title, and interest therein.

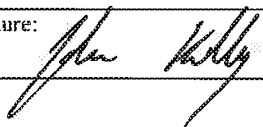
In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

**** Medtronic Inventors and Contractors – Please create a new page for each inventor ****

Given Name (first and middle initial [if any]): Aram	Family Name or Surname (last name): Jamous	
Inventor's Signature: 	Date: 8th June 2018	
City and State: Athenry, Galway	Country: Ireland	Citizenship: Ireland


In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

**** Medtronic Inventors and Contractors – Please create a new page for each inventor ****

Given Name (first and middle initial [if any]): John	Family Name or Surname (last name): Kelly	
Inventor's Signature: 	Date: 8th June 2018	
City and State: Galway	Country: Ireland	Citizenship: Ireland

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

**** Medtronic Inventors and Contractors – Please create a new page for each inventor****

Given Name (first and middle initial [if any]): Conor	Family Name or Surname (last name): McMullen	
Inventor's Signature: 	Date: 8/JUN/18	
City and State: Galway	Country: Ireland	Citizenship: Ireland

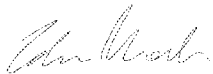
In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

**** Medtronic Inventors and Contractors – Please create a new page for each inventor****

Given Name (first and middle initial [if any]): Matthew	Family Name or Surname (last name): Fleming	
Inventor's Signature: <i>Matthew Fleming</i>	Date: <i>08-JUN-18</i>	
City and State: Roscommon	Country: Ireland	Citizenship: Ireland

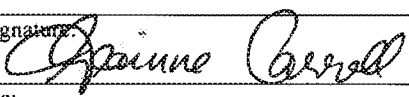
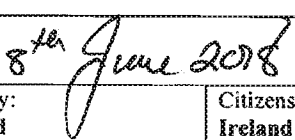
In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

**** Medtronic Inventors and Contractors – Please create a new page for each inventor****

Given Name (first and middle initial [if any]): Colin William	Family Name or Surname (last name): Meade	
Inventor's Signature: 	Date: 11/SEP/18	
City and State: Westmeath	Country: Ireland	Citizenship: Ireland

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

**** Medtronic Inventors and Contractors -- Please create a new page for each inventor ****

Given Name (first and middle initial [if any]): Grainne Teresa	Family Name or Surname (last name): Carroll	
Inventor's Signature: 	Date: 	
City and State: Galway	Country: Ireland	Citizenship: Ireland

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

**** Medtronic Inventors and Contractors -- Please create a new page for each inventor ****

Given Name (first and middle initial [if any]): Paul	Family Name or Surname (last name): Morton	
Inventor's Signature: <i>Paul Morton</i>	Date: 07 - SEPTEMBER - 2018	
City and State: <i>Galway</i>	Country: <i>Ireland</i>	Citizenship: Ireland

****Last Page****