PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TERESA MIHALIK	01/30/2014

RECEIVING PARTY DATA

Name:	MEDTRONIC CRYOCATH LP	
Street Address:	Address: 199 BAY STREET	
Internal Address:	SUITE 5300	
City:	TORONTO, ONTARIO	
State/Country:	nte/Country: FLORIDA	
Postal Code:	33322	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15922408	

CORRESPONDENCE DATA

Fax Number: (954)828-9122

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.

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ATTORNEY DOCKET NUMBER:	21819-387CON
NAME OF SUBMITTER:	JOHN CHRISTOPHER
SIGNATURE:	/John Christopher/
DATE SIGNED:	03/16/2018

Total Attachments: 2

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PATENT 504824081 REEL: 045257 FRAME: 0199

Attorney Docket No.: C00006058.USU1

ASSIGNMENT OF APPLICATION

	Whereas I/we, the below named inventor, with residence and citizenship as indicated below, have made an
111V	ention in
	ACCESSORY TO ALLOW SENSING AT BALLOON INTERFACE
X	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. ; was filed on ;
	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. ; filed on ;
	which application is identified as PCT International Patent Application No.; filed;
her inv	Whereas, <u>Medtronic CryoCath LP</u> , a corporation organized and existing under the laws of the State of laware and having a principal place of business at <u>199 Bay Street</u> , <u>Suite 5300</u> , <u>Toronto</u> , <u>Ontario MSL 1B9</u> , einafter referred to as "Corporation," is desirous of acquiring the entire right, title and interest in and to said ention for the United States and for all foreign countries and in and to any and all foreign and domestic Letters ent which may be granted therefore;

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 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, 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 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 Corporation, its successors or assigns, but at Corporation's expense.

PATENT REEL: 045257 FRAME: 0200 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 <u>Medtronic CryoCath LP</u> 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.

Given Name (first and middle initial [if any]):	Family Name or Surname (last name):			
Teresa	MIHALIK			
Inventor's Signature: Mikalih	Date: 3D-Jan-2014			
Residence (City and State): 5085 Hampton Ave	Country: CA	Citizenship: CA		
Montreal, Quebec H3X 3P8		*		
Solemnly affirmed before me at <u>lowte-Claire</u> , <u>Québec</u> (place) this 30 day of <u>an wary</u> , 20 14 (date) (place) (place)				
U		"Andrina"		

RECORDED: 03/16/2018

REEL: 045257 FRAME: 0201