505335802 02/19/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5382583

SUBMISSION TYPE:	:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PART	Υ DATA	I			
		l	Name	Execution Date	
ZACHARY THOMAS GARVEY				09/17/2012	
JOHN ROBERT MOBERG				10/20/2012	
LANCE NEVALA				12/17/2012	
RECEIVING PARTY	/ DATA				
Name:					
Street Address:	15 HA	15 HAMPSHIRE STREET			
City:	MANS	MANSFIELD			
State/Country:	MASS	MASSACHUSETTS			
Postal Code:	02048	02048			
Application Number:		15356	6982	_	
CORRESPONDENC Fax Number: <i>Correspondence</i> w	CE DATA	o the e	e-mail address first; if that is un		
using a fax number, if provided; if th Email: rs.vas			sciplegal@medtronic.com	nt via US man.	
			DTRONIC VASCULAR, INC.		
Address Line 4:		SANT	A ROSA, CALIFORNIA 95403		
ATTORNEY DOCKET NUMBER:			H-KN-02368.USC3		
NAME OF SUBMITTER:			THEODORE P. LOPEZ		
SIGNATURE:			/Theodore P. Lopez/		
DATE SIGNED:			02/19/2019		
Total Attachments:					

PATENT

REEL: 048375 FRAME: 0242

PATENT REEL: 048375 FRAME: 0243

ASSIGNMENT

WHEREAS, WE, Zachary Thomas Garvey of 12190 Square Lake Trail Court North, Stillwater, MN 55082, John Robert Moberg of 19172 Concord Street NW, Elk River, MN 55330, Lance Nevala of 16799 39th Ave N, Minneapolis, MN 55446-3386, and Lucas Schneider of 7623 118th Avenue North, Champlin, MN 55316, have invented certain new and useful improvements in CLEANING DEVICE FOR AN INTRALUMINAL SURGICAL INSTRUMENT AND METHOD OF USE for which an application for Letters Patent of the United States has been made, said application being identified in the United States Patent and Trademark Office by Serial Number 61/700,636, filed on September 13, 2012; and

WHEREAS, Tyco Healthcare Group LP, a corporation organized and existing under the laws of Delaware, and having a business address at 15 Hampshire Street, Mansfield, MA 02048, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration to me in hand paid by said Tyco Healthcare Group LP, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto said Tyco Healthcare Group LP ("Assignee"), its successors and assigns, our entire right, title and interest in and to said invention, said application and the Letters Patent, both foreign and domestic, that may or shall issue, including any non-provisional, continuation, continuation-in-part, division, renewal, or substitute thereof, and as to Letters Patent, any reissue or re-examination thereof, further including all of our entire right under the International Convention, and we do hereby authorize and request the Commissioner for Patents to issue said Letters Patent to the above mentioned assignee in accordance herewith.

We hereby Authorize the above mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the serial number and filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

> PATENT REEL: 048375 FRAME: 0244

Upon Said Consideration, we do hereby covenant and agree with Tyco Healthcare Group LP, its successors and assigns, that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we or our executor or administrator will at any time upon request, without further consideration, but at the expense of Tyco Healthcare Group LP, its successors or assigns, execute such additional writings and do such additional acts as Tyco Healthcare Group LP, its successors or assigns, may deem necessary or desirable to perfect Tyco Healthcare Group LP's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, non-provisional, continuation, continuation-in-part, divisional, reissued, reexamined or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

IN WITNESS WHEREOF, we have hereunto set our hand and affixed our seal as of the date set forth below.

Date 17-Sep-12

Zachary/Thomas Garvey

Date _____

John Robert Moberg

Date _____

Date 14-SEP-12

Lance Nevala

Lucas Schne/der

ASSIGNMENT

1819 Meadow vale Rd

WHEREAS, WE, Zachary Thomas Garvey of 12190 Square Lake Trail Court North, Stillwater, MN 55082, John Robert Moberg of 19172 Concord Street NW, Elk River, MN 55330, Lance Nevala of 16799 39th Ave N, Minneapolis, MN 55446-3386, and Lucas Schneider of 7623 118th Avenue North, Champlin, MN 55316, have invented certain new and useful improvements in CLEANING DEVICE FOR AN INTRALUMINAL SURGICAL INSTRUMENT AND METHOD OF USE for which an application for Letters Patent of the United States has been made, said application being identified in the United States Patent and Trademark Office by Serial Number 61/700,636, filed on September 13, 2012; and

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IN WITNESS WHEREOF, we have hereunto set our hand and affixed our seal as of the date set forth below

Date

Zachary Thomas Garvey

Date 20 OCT 2012

sah Robert Mober John Robert Moberg

Date

Lance Nevala

Date	
	New York and the second s

Lucas Schneider

Attorney Docket: H-KN-02368 (FXH1030P)

ASSIGNMENT

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> PATENT REEL: 048375 FRAME: 0248

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IN WITNESS WHEREOF, we have hereunto set our hand and affixed our seal as of the date set forth below.

Date _____

Zachary Thomas Garvey

Date _____

John Robert Moberg

Date 17-Dec-20 (2

- Ann

Lance Nevala

Date _____

Lucas Schneider