505167501 10/30/2018 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ	i			
		Name		Execution Date	
PETER J. PEREIRA				09/20/2018	
MARTIN PHELAN				08/21/2018	
VINCENT LAI				10/25/2018	
RECEIVING PARTY DA	ATA				
Name:	BOSTC	N SCIENTIFIC SCIMED, INC.			
Street Address:	ONE S	CIMED PLACE			
City:	MAPLE	GROVE			
State/Country:	MINNE	MINNESOTA			
Postal Code:	55311-	1566			
Property Type		Number			
Application Number:		Number 16172542			
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PATENT REEL: 047361 FRAME: 0438

	Attorney Docket No.: 10121/32702	Page 1 of 4
COMBINED DECLARATION &	Client Ref. No.: 17-0579US01 Title: AUTOMATED METHOD OF	
ASSIGNMENT	REMOVING CLOG	

ASSIGNMENT

WHEREAS, WHEREAS, **BOSTON SCIENTIFIC SCIMED**, INC., a Corporation of the State of Minnesota, and having an address One Scimed Place, Maple Grove, Minnesota 55311-1566, United States of America (together with its successors and assigns, the "Assignee"), seeks to memorialize its ownership of the entire right, title and interest in and to the Invention;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

I authorize the Assignee to insert in this instrument the filing date and application number of the application when ascertained. I hereby authorize the Assignee (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries.

I represent to the Assignee that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this assignment, to execute all oaths, declarations, assignments, powers of attorney and other papers necessary to perfect and vest title to the rights assigned herein to the Assignee; and will render all assistance in filing, obtaining, maintaining, and enforcing any patent (or similar legal protection) on the Invention in any and all countries.

	Attorney Docket No.: 10121/32702	Page 2 of 4
COMBINED DECLARATION & ASSIGNMENT	Client Ref. No.: 17-0579U Title: AUTOMATED REMOVING CLOG FOR DEBRIS REMO	METHOD OF WITHIN LUMEN

DECLARATION

I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Peter J. PEBEIRA

Date __ 20 - SEP-2018

	Attorney Docket No.: 10121/32702	Page 3 of 4	
COMBINED DECLARATION &	Client Ref. No.: 17-0579US01		
ASSIGNMENT	Title: AUTOMATED REMOVING CLOG FOR DEBRIS REM	WITHIN LUMEN	

DECLARATION

I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

AM Martin PHELAN

Date _____

	Attorney Docket No.: 10121/32702	Page 4 of 4
COMBINED DECLARATION & ASSIGNMENT	Client Ref. No.: 17-0579L Title: AUTOMATED REMOVING CLOG FOR DEBRIS REM	METHOD OF WITHIN LUMEN
	8	

DECLARATION

I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Vingent LAI

Date 10/25/2018