PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5430611

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NESTIS SAS	11/08/2016

RECEIVING PARTY DATA

Name:	BOSTON SCIENTIFIC INTERNATIONAL B.V.
Street Address:	VESTASTRAAT 6
City:	KERKRADE
State/Country:	NETHERLANDS
Postal Code:	6468 EX

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15107267

CORRESPONDENCE DATA

Fax Number: (612)333-1258

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.

Email: paralegal@blackhillsip.com

Correspondent Name: BOSTON SCIENTIFIC SCIMED INC. Address Line 1: ONE SCIMED PLACE, M.S. A150 Address Line 4: MAPLE GROVE, MINNESOTA 55311

ATTORNEY DOCKET NUMBER:	16-0019US01
NAME OF SUBMITTER:	ALISSA A JUNGE
SIGNATURE:	/Alissa A Junge/
DATE SIGNED:	03/20/2019

Total Attachments: 5

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PATENT REEL: 048644 FRAME: 0749 505383818

ACKNOWLEDGMENT OF ASSIGNMENT OF INTELLECTUAL PROPERTY

This is an Acknowledgment of Assignment of Intellectual Property ("Assignment") effective as of November 8, 2016, by NESTIS SAS, a French joint stock company ("Assignor"), to Boston Scientific International B.V., a Dutch limited liability company ("Assignee").

Background

WHEREAS, pursuant to a dissolution without liquidation of Assignor into its sole shareholder, Assignee, that became legally effective as of the date hereof, all of Assignor's assets and liabilities, including Assignor's interest in the intellectual property rights defined below, were transferred by operation of law to Assignee; and

WHEREAS, in connection with the foregoing, this Assignment serves to document Assignor's transfer of such intellectual property rights.

NOW, THEREFORE, in consideration of and subject to each of the covenants, terms and conditions hereinafter set forth, Assignor hereby agrees as follows:

ARTICLE I - DEFINITIONS.

- Section 1.1 "<u>Intellectual Property Rights</u>" means any intellectual property of any type or nature in any jurisdiction throughout the world, including:
 - (a) rights in patents, patent applications and patentable subject matter, whether or not the subject of an application, including, but not limited to, the patents and patent applications listed on Schedule A hereto, together with the invention(s) disclosed therein, including all issuances, reissues, extensions, reexaminations, renewals, divisions, substitutions, continuations or continuations-in-part of such patents, all patents which claim priority to said patents and all associated rights under the International Convention;
 - (b) rights in trademarks, service marks, trade names, trade dress, and other designators of origin, together with the goodwill of the business connected with the use thereof and symbolized thereby;
 - (c) rights in copyrightable subject matter or protectable designs, including, but not limited to, copyrights and copyright applications;
 - (d) trade secrets, know-how, formulae, methods, techniques, and processes;
 - (e) computer programs or data in computerized form, whether in object code, source code or other form; and
 - (f) all other intellectual and industrial property rights of every kind and nature and however designated, whether arising by operation of law, contract, license or otherwise, including Assignor's rights that relate to core technologies, developed technologies or purchased research and development.

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- Section 1.2 "<u>NESTIS Intellectual Property Rights</u>" means Assignor's entire right, title and interest in and to Intellectual Property Rights.
- Section 1.3 "<u>NESTIS Licensed-In Intellectual Property Rights</u>" means Assignor's entire right, title and interest in and to Intellectual Property Rights that are owned by a third party and licensed or granted to Assignor.

ARTICLE II- ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS.

- Section 2.1 <u>Assignment</u>. Assignor hereby acknowledges the assignment, transfer and conveyance unto Assignee of the following as a consequence of the dissolution without liquidation of the Assignor:
 - (a) the NESTIS Intellectual Property Rights;
 - (b) the NESTIS Licensed-In Intellectual Property Rights (but solely to the extent transfer is permitted by applicable agreements); and
 - (c) all benefits, privileges, causes of action, common law rights, and remedies relating to the foregoing throughout the world, including, without limitation, all of Assignor's rights to: (i) apply for and maintain all registrations, renewals and/or extensions thereof, (ii) bring actions and recover damages for past, present and future infringement or other violation thereof, and (iii) grant licenses or other interests therein.
- Section 2.2 Recordation and Cooperation in Transfer. Assignor hereby authorizes the Commissioner for Patents and the Commissioner for Trademarks in the United States Patent and Trademark Office, the Register of Copyrights in the United States Copyright Office and any officials of corresponding entities or agencies in any applicable jurisdictions throughout the world to record and register this Assignment. Assignor hereby covenants and agrees to cooperate with Assignee whereby the latter may enjoy to the fullest extent the right, title and interest conveyed. Such cooperation shall include prompt execution of all papers prepared at the expense of Assignee which are deemed necessary or desirable by Assignee to perfect in it the right, title and interest herein conveyed. Nothing herein shall effect the transfer or assignment of any agreement or other NESTIS Intellectual Property Rights to the extent that such transfer or assignment would constitute a material breach of such agreement or cause loss of such NESTIS Intellectual Property Rights, but it is intended that Assignee, to the extent possible, be placed in the same position economically as if such agreement or other NESTIS Intellectual Property had been transferred as contemplated.

ARTICLE III- MISCELLANEOUS.

- Section 3.1 <u>Representations and Warranties</u>. Assignor makes no representations or warranties concerning the rights transferred pursuant to the dissolution without liquidation and referred to under this Assignment.
- Section 3.2 <u>Binding Effect</u>. The terms, covenants and provisions of this Assignment shall inure to the benefit of Assignee, its successors and assigns, and shall be binding upon the Assignor, its successors, assigns and/or other legal representatives.

IN WITNESS WHEREOF, Assignor has executed and delivered this instrument effective as of the date first written above.

NESTIS SAS

Bv

François-Xavier Ribiollet

President

Schedule A NESTIS SAS Patents and Patent Applications

Title	Country	Date Filed	Application No.	Patent No.
Dual Function Catheter with Two Sliding Sheaths	European Patent Office	4/1/2014	147222509	
Dual Function Catheter with Two Sliding Sheaths	Australia	4/1/2014	2014246931	
Dual Function Catheter with Two Sliding Sheaths	China	4/1/2014	2014800267186	
Dual Function Catheter with Two Sliding Sheaths	Japan	4/1/2014	2016505878	
Dual Function Catheter with Two Sliding Sheaths	Canada	4/1/2014	2908251	
Dual Function Catheter with Two Sliding Sheaths	PCT	4/1/2014	PCTFR2014050776	
Dual Function Catheter with Two Sliding Sheaths	France	4/4/2013	FR1353033	1353033
Fluid Jet Generator	Japan	5/26/2011	201654064	
Hydraulic Assembly of a Generator of Medium- Pressure and High-Pressure Pulsed or Non-Pulsed Jets	Australia	12/22/2014	2014372414	
Hydraulic Assembly of a Generator of Medium- Pressure and High-Pressure Pulsed or Non-Pulsed Jets	European Patent Office	12/22/2014	14831002.2	
Hydraulic Assembly of a Generator of Medium- Pressure and High-Pressure Pulsed or Non-Pulsed Jets	United States of America	12/22/2014	15107267	
Hydraulic Assembly of a Generator of Medium- Pressure and High-Pressure Pulsed or Non-Pulsed Jets	Canada	12/22/2014	2,934,827	
Hydraulic Assembly of a Generator of Medium- Pressure and High-Pressure Pulsed or Non-Pulsed Jets	China	12/22/2014	201480070762.7	
Hydraulic Assembly of a Generator of Medium- Pressure and High-Pressure Pulsed or Non-Pulsed Jets	Japan	12/22/2014	2016-542244	
Hydraulic Assembly of a Generator of Medium- Pressure and High-Pressure Pulsed or Non-Pulsed Jets	PCT	12/22/2014	PCTFR2014053514	
Hydraulic Assembly of a Generator of Medium-	France	12/23/2013	FR1363494	1363494

PATENT REEL: 048644 FRAME: 0753

Pressure and High-Pressure				
Pulsed or Non-Pulsed Jets				
Pulsed Medium- and High-	Republic of			
Pressure Liquid Jet Generator	Korea	5/26/2011	1020127033887	
for Medical and Surgical Uses				
Pulsed Medium- and High-	European			
Pressure Liquid Jet Generator	Patent	5/26/2011	117259820	
for Medical and Surgical Uses	Office			
Pulsed Medium- and High-				
Pressure Liquid Jet Generator	Japan	5/26/2011	2013511780	
for Medical and Surgical Uses				
Pulsed Medium- and High-				
Pressure Liquid Jet Generator	Canada	5/26/2011	2800152	
for Medical and Surgical Uses				
Pulsed Medium- and High-				
Pressure Liquid Jet Generator	PCT	5/26/2011	PCTIB2011052291	
for Medical and Surgical Uses				
Pulsed Medium- and High-				
Pressure Liquid Jet Generator	Australia	5/26/2011	2011259779	2011259779
for Medical and Surgical Uses				
Pulsed Medium- and High-	United	¥		
Pressure Liquid Jet Generator	States of	12/20/2012	13700167	9095656
for Medical and Surgical Uses	America			
Pulsed Medium- and High-				
Pressure Liquid Jet Generator	France	5/27/2010	FR1002244	FR2960415
for Medical and Surgical Uses				
Pulsed Medium- and High-				77 201 10000001
Pressure Liquid Jet Generator	China	5/26/2011	2011800261947	ZL2011800261
for Medical and Surgical Uses				94.7
Pulsed Medium- and High-				
Pressure Liquid Jet Generator	Brazil	5/26/2011	BR112012030048-2	
for Medical and Surgical Uses				

PATENT REEL: 048644 FRAME: 0754

RECORDED: 03/20/2019