

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5981773

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the DFM, LLC NAME IN UPLOADED DOCUMENT previously recorded on Reel 051881 Frame 0441. Assignor(s) hereby confirms the CORRECT NAME IS LISTED IN THE ASSIGNMENT DOCUMENT.

**CONVEYING PARTY DATA**

Name	Execution Date
DFM, LLC	11/27/2019

**RECEIVING PARTY DATA**

<b>Name:</b>	SPEYSIDE MEDICAL LLC
<b>Street Address:</b>	592 ROSSO CT.
<b>City:</b>	PLEASANTON
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94566

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Patent Number:	9445897

**CORRESPONDENCE DATA**

**Fax Number:** (949)760-9502

*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.*

**Phone:** 9497600404

**Email:** efilings@knobbe.com

**Correspondent Name:** KNOBBE MARTENS OLSON AND BEAR LLP

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**Address Line 2:** 14TH FLOOR

**Address Line 4:** IRVINE, CALIFORNIA 92614

<b>ATTORNEY DOCKET NUMBER:</b>	SPEY.038A
<b>NAME OF SUBMITTER:</b>	RABINDER N. NARULA
<b>SIGNATURE:</b>	/Rabinder N. Narula/
<b>DATE SIGNED:</b>	02/25/2020

**Total Attachments: 9**

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*2/20/2020*  
**ASSIGNMENT**

WHEREAS, DFM, LLC, ~~Inc.~~, a Delaware corporation having offices at 932 Southwood Blvd., Incline Village, NV 89451 (hereinafter "ASSIGNOR"), owned the entire right, title, and interest to certain new and useful improvements for which issued patents and applications for patents in the United States and other jurisdictions listed in Exhibit A (hereinafter "the DFM Patents and Patent Applications") have been filed:

WHEREAS, Speyside Medical LLC, a California corporation having offices at 592 Rosso Ct., Pleasanton, CA 94566 (hereinafter "ASSIGNEE") desires to confirm that it has purchased the entire right, title, and interest in and to the inventions disclosed in the DFM Patents and Patent Applications;


NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby further acknowledges that it has sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer, unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest throughout the world in, to, and under the said improvements, and the said DFM Patents and Patent Applications and all patents and patent applications that may be granted thereon, and all provisional applications relating thereto, and all divisions, continuations, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent that may hereafter be filed for said improvements or for the said DFM Patents and Patent Applications in any country or countries foreign to the United States; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements and all Letters Patents resulting from the Patents and Patent Applications to ASSIGNEE, its successors, legal representatives, and assigns, in accordance with the terms of this Agreement.

ASSIGNOR does hereby sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Patents and Patent Applications before or after issuance;

ASSIGNOR hereby covenants and agrees that it will communicate to ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Patents immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving any of the Patents and Patent Applications, will sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and will generally do everything possible to aid ASSIGNEE, its successors, legal representatives, and assigns to obtain and enforce the Patents and Patent Applications in all countries.

Assignor (Conveying Party)

DFM, LLC  
932 Southwood Blvd.  
Incline Village, NV 89451

By:  \_\_\_\_\_

Name: DFM, LLC

Title: Co-President and Secretary

Date: 11/27/2019

Assignee (Receiving Party)

Speyside Medical LLC  
592 Rosso Ct.  
Pleasanton, CA 94566

By:  \_\_\_\_\_

Name: Jeffrey M Cohen

Title: CEO

Date: 02/19/20

**Exhibit A – “the DFM Patents and Patent Applications”****Issued United States Patents**

Patent No.	Issue Date	Title
7,641,686	01/05/2010	Percutaneous Heart Valve With Stentless Support
8,012,201	09/06/2011	Translumenally Implantable Heart Valve With Multiple Chamber Formed in Place Support
7,556,645	07/07/2009	Translumenally Implantable Heart Valve with Formed in Place Support
7,445,630	11/04/2008	Method of in situ Formation of Translumenally Deployable Heart Valve Support
8,308,796	11/13/2012	Method of in situ Formation of Translumenally Deployable Heart Valve Support
7,435,257	10/14/2008	Methods of Cardiac Valve Replacement Using Nonstented Prosthetic Valve
7,320,704	01/22/2008	Nonstented Temporary Valve For Cardiovascular Therapy
7,658,762	02/09/2010	Nonstented Temporary Valve for Cardiovascular Therapy
7,534,259	05/19/2009	Nonstented Heart Valves With Formed in situ Support
8,568,477	10/29/2013	Stentless Aortic Valve Replacement with High Radial Strength
8,133,213	03/13/2012	Catheter Guidance Through A Calcified Aortic Valve
8,556,881	10/15/2013	Catheter Guidance Through a Calcified Aortic Valve
7,935,144	05/03/2011	Profile Reduction of Valve Implant
9,572,661	02/21/2017	Profile reduction of Valve Implant
9,308,360	04/12/2016	Translumenally Implantable Heart Valve with Formed in Place Support
10,130,463	11-20-2018	Translumenally implantable heart valve with formed in place support
9,603,708	03/28/2017	Low Crossing Profile Delivery Catheter for Cardiovascular Prosthetic Implant
9,433,501	09/06/2016	Inflation media for implants
9,445,897	09/20/2016	Prosthetic Implant Delivery Device with Introducer Catheter
8,377,118	02/19/2013	Unstented Heart Valve With Formed In Place Support Structure
9,510,941	12/06/2016	Method of Treating a Patient Using a Retrievable Transcatheter Prosthetic Heart Valve
10,449,040	10/22/2019	Method of treating a patient using a retrievable transcatheter

		prosthetic heart valve
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**Pending United States Patent Applications**

Serial No.	Filing Date	Title
16/277,775	02/15/19	Percutaneous Heart Valve With Stentless Support
13/648,190	10/09/2012	Method of In situ Formation of Translumenally Deployable Heart Valve Support
16/564,098	09/09/019	
14/037,734	09/26/2013	Stentless Aortic Valve Replacement with High Radial Strength
16/245,156	01/10/19	Catheter Guidance Through a Calcified Aortic Valve
15/419,941	01/30/2017	Profile Reduction of Valve Implant
16/175,175	10/30/2018	Translumenally Implantable Heart Valve with Formed in Place Support
15/438,575	02/21/2017	Low Crossing Profile Delivery Catheter For Cardiovascular Prosthetic Implant
16/601415	10/14/19	Low Crossing Profile Delivery Catheter For Cardiovascular Prosthetic Implant
15/225,541	08/01/2016	Inflation Media for Implants
15/233,499	08/10/2016	Prosthetic Implant Delivery Device with Introducer Catheter
14/826,112	08/13/2015	Posthetic implant delivery device
16/072469	07/24/2018	Heart Valve

Issued Foreign Patents

Patent No.	Grant Date	Title
CA2563426 (Canada)	12/24/2013	Unstented Heart Valves With Formed In Place Support Structure
EP1750622 (Europe - CH, DE, ES, FR, GB, IE, IT, NL)	02/27/2013	Unstented Heart Valves With Formed In Place Support Structure
JP5227588 (Japan)	03/22/2013	Unstented Heart Valves With Formed In Place Support Structure
JP5568621 (Japan)	06/27/2014	Unstented Heart Valves With Formed In Place Support Structure
JP6163449 (Japan)	06/23/2017	Unstented Heart Valves With Formed In Place Support Structure
JP5119148 (Japan)	10/26/2012	Stentless Aortic Valve Replacement with High Radial Strength
AU2008288796 (Australia)	07/03/2014	Cardiovascular Prosthetic Valve
CA2697364 (Canada)	10/17/2017	Translumenally Implantable Heart Valve with Formed in Place Support
JP5329542 (Japan)	08/02/2013	Translumenally Implantable Heart Valve with Formed in Place Support
JP5699186 (Japan)	02/20/2015	Translumenally Implantable Heart Valve with Formed in Place Support
EP2190379 (Europe - CH, DE, FR, GB, IE, NL)	06/15/2016	Translumenally Implantable Heart Valve with Formed in Place Support
EP2571561 (Europe -FR, DE,	10/17/2018	Inflation Media for Implants

IT, ES, UK)		
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**Pending Foreign Patent Applications**

Serial No. Publication No	Filing Date (Country)	Title
CA2828619	09/27/2013 (Canada)	Unstented Heart Valves With Formed In Place Support Structure
EP11179539.9 EP2425801	05/05/2005 (Europe)	Unstented Heart Valves With Formed In Place Support Structure
EP11179543.1 EP2422751	05/05/2005 (Europe)	Unstented Heart Valves With Formed In Place Support Structure
2017-082468	04/19/2017 (Japan)	Unstented Heart Valves With Formed In Place Support Structure
CA2978267	09/01/17 (Canada)	Translumenally Implantable Heart Valve with Formed in Place Support
EP16171391.2 EP3075355	05/25/2016 (Europe)	Translumenally Implantable Heart Valve with Formed in Place Support
EP11784260.9 EP 2571556	05/19/2011 (Europe)	Low Crossing Profile Delivery Catheter for Cardiovascular Prosthetic Implant
EP13724443.0 EP 2844191	11/18/2014 (Europe)	Prosthetic Implant Delivery Device with Introducer Catheter
EP15756734.8 EP 3179959	08/13/2015 (Europe)	Prosthetic Implant Delivery Device
2017-528757 2017-525534	08/13/2015 (Japan)	Prosthetic Implant Delivery Device
3013351	07/31/2018 (Canada)	Heart Valve
17750698.7 EP3413836	08/08/2018 (Europe)	Heart Valve
2018-542133	08/10/2018	Heart Valve



Serial No.	Filing Date	Title
Publication No	(Country)	
2019-504709	(Japan)	

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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 21, 2020

PTAS

KNOBBE MARTENS OLSON & BEAR LLP  
2040 MAIN STREET  
14TH FLOOR  
IRVINE, CA 92614

**505927571**

### UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 02/20/2020

REEL/FRAME: 051881/0441  
NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: SPEY.038A

ASSIGNOR:

DFM, LLC

DOC DATE: 11/27/2019

ASSIGNEE:

SPEYSIDE MEDICAL LLC  
592 ROSSO CT.  
PLEASANTON, CALIFORNIA 94566

APPLICATION NUMBER: 13777745

FILING DATE: 02/26/2013

PATENT NUMBER: 9445897

ISSUE DATE: 09/20/2016

TITLE: PROSTHETIC IMPLANT DELIVERY DEVICE WITH INTRODUCER CATHETER

ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5974289

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DFM, LLC	11/27/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SPEYSIDE MEDICAL LLC
<b>Street Address:</b>	592 ROSSO CT.
<b>City:</b>	PLEASANTON
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94566
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	9445897
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)760-9502
<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>	
<b>Phone:</b>	(949)760-0404
<b>Email:</b>	efiling@knobbe.com
<b>Correspondent Name:</b>	KNOBBE MARTENS OLSON & BEAR LLP
<b>Address Line 1:</b>	2040 MAIN STREET
<b>Address Line 2:</b>	14TH FLOOR
<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92614
<b>ATTORNEY DOCKET NUMBER:</b>	SPEY.038A
<b>NAME OF SUBMITTER:</b>	RABINDER N. NARULA
<b>SIGNATURE:</b>	/Rabinder N. Narula/
<b>DATE SIGNED:</b>	02/20/2020
<b>Total Attachments: 7</b>	
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