

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4959798

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SYNTHEON TAVR, LLC	05/26/2016
RECEIVING PARTY DATA		
Name:	EDWARDS LIFESCIENCES CARDIAQ LLC	
Street Address:	ONE EDWARDS WAY	
City:	IRVINE	
State/Country:	CALIFORNIA	
Postal Code:	92614	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15793867
CORRESPONDENCE DATA		
Fax Number:	(949)250-6850	
<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>		
Phone:	9492505441	
Email:	Nina_Sanchez@edwards.com	
Correspondent Name:	NINA BURCHERI-SANCHEZ	
Address Line 1:	ONE EDWARDS WAY	
Address Line 2:	LEGAL DEPT	
Address Line 4:	IRVINE, CALIFORNIA 92614	
ATTORNEY DOCKET NUMBER:	THVVA-8770US12	
NAME OF SUBMITTER:	NINA BURCHERI-SANCHEZ	
SIGNATURE:	/Nina Burcheri-Sanchez/	
DATE SIGNED:	05/14/2018	
Total Attachments: 15		
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PATENT ASSIGNMENT

WHEREAS, Syntheon TAVR, LLC, a Florida limited liability company ("Assignor"), having a place of business at 13755 SW 119th Ave., Miami, Florida 33186, owns all rights in the patents and patent applications listed on Schedule A to this Assignment (hereafter the "Patents and Patent Applications");

WHEREAS, Edwards Lifesciences CardiAQ LLC, a limited liability company organized under the laws of Delaware, with offices at One Edwards Way, Irvine, California 92614 and a branch (for U.S. federal tax purposes) of EL Research C.V., a limited partnership organized under Dutch law having its official seat in Breda, the Netherlands ("Assignee"), desires to acquire all right, title, and interest in and to the Patents and Patent Applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor does hereby acknowledge 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; Assignor's entire right, title, and interest throughout the world in, to, and under the said Patents and Patent Applications, and including:

all inventions (hereafter "Inventions") set forth in the Patents and Patent Applications and any and all applications and patents claiming any of the Inventions;

all patents that may be granted on the Patent Applications;

all applications that the Patents and Patent Applications may claim priority to;

all applications claiming priority to the Patents and Patent Applications, including all divisions, continuations, and continuations-in-part, and all Letters Patent of the United States which may be granted thereon and all reissues, reexaminations, supplemental examinations, and extensions thereof; and

all rights of priority under International Conventions or other applicable laws and any applications for Letters Patent that may hereafter be filed or granted in any country or countries foreign to the United States and all extensions, renewals, and reissues thereof.

ASSIGNOR DOES HEREBY authorize and request 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 Patents resulting from the Patents and Patent Applications to Assignee, its successors, legal representatives, and assigns, in accordance with the terms of this Assignment;

AND 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; and,

AND ASSIGNOR DOES HEREBY covenant and agree that Assignor will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to Assignor respecting the Patents and Patent Applications, and testify in any legal proceeding, assist in the preparation of any other documentation relating to the Patents and Patent Applications, sign/execute all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Patents and Patent Applications, including any patents or patent applications claiming priority thereto, and generally do everything possible to aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patents and Patent Applications in all countries.

[SIGNATURE PAGE FOLLOWS]

EXECUTION COPY

IN TESTIMONY WHEREOF, I hereunto set my hand this 26th day of May, 2016.

Syntheon TAVR, LLC
("Assignor")

By: [Signature]
Name Printed: Sean McBrayer
Title: Manager and Board Member

STATE OF Florida)
COUNTY OF Dade) ss.

On 26th May, 2016, before me, the undersigned notary public in and for said County and State, personally appeared Sean McBrayer

☒ personally known to me [or]
☐ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) Sean McBrayer subscribed to the within instrument and acknowledged to me that Sean McBrayer executed the same in Sean McBrayer authorized capacity(ies) and that, by Sean McBrayer signature(s) on the instrument, the person(s) or the entity(ies) upon behalf of which the person(s) acted executed the instrument.

WITNESS my hand and official seal.



Nerise Simmons
Commission # FF975192
Expires: July 18, 2020
Bonded thru Aaron Notary

Nerise Simmons

My commission expires on

July 18, 2020

[Signature Page to Patent Assignment]

The foregoing Assignment is hereby accepted as of this 27 day of May, 2016.

Edwards Lifesciences CardiAQ LLC
("Assignee")

By: 

Name: Dennis J. Popov

Title: Treasurer

SCHEDULE A
TO
PATENT ASSIGNMENT BETWEEN
SYNTHEON TAVR LLC, AS ASSIGNOR AND
EDWARDS LIFESCIENCES CARDIAQ LLC, AS ASSIGNEE

PATENTS AND PATENT APPLICATIONS

Serial No.	Filing Date	Title	Country	Status	Patent No. (if applicable)
60/834,401	7/31/2006	Sealable Endovascular Implants and Methods for Their Use	US	Expired	
60/834,627	8/1/2006	Sealable Endovascular Implants and Methods for Their Use	US	Expired	
11/888,009	7/31/2007	Sealable Endovascular Implants and Methods for Their Use	US	Granted	8,252,036
13/544,379	7/9/2012	Surgical Implant Devices and Methods for Their Manufacture and Use	US	Granted	9,138,335
14/735,982	6/10/2015	Sealable Endovascular Implants and Methods for Their Use	US	Pending	
PCT/US07/17061	7/31/2007	Sealable Endovascular Implants and Methods for Their Use	PCT	National Phase	

**SCHEDULE A
TO
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SYNTHEON TAVR LLC, AS ASSIGNOR AND
EDWARDS LIFESCIENCES CARDIAQ LLC, AS ASSIGNEE**

Serial No.	Filing Date	Title	Country	Status	Patent No. (if applicable)
07810918.8	8/1/2007	Sealable Endovascular Implants and Methods for Their Use	EU	Pending	
2007281553	8/2/2007	Sealable Endovascular Implants and Methods for Their Use	AU	Granted	2007281553
2013260693	11/20/2013	Sealable Endovascular Implants and Methods for Their Use	AU	Granted	2013260693
2015202509	5/10/2015	Sealable Endovascular Implants and Methods for Their Use	AU	Granted	2015202509
61/078,798	7/8/2008	Not Available	US	Expired	
61/079,100	7/8/2008	Not Available	US	Expired	
61/222,646	7/2/2009	Surgical Implant Devices and Methods for their Manufacture and Use	US	Expired	
12/822,291	6/24/2010	Surgical Implant Devices and Methods for their Manufacture and Use	US	Allowed	

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Serial No.	Filing Date	Title	Country	Status	Patent No. (if applicable)
61/428,114	12/29/2010	Surgical Implant Devices and Methods for Their Manufacture and Use	US	Expired	
13/339,236	12/28/2011	Surgical Implant Devices and Methods for Their Manufacture and Use	US	Pending	
PCT/US11/67695	12/29/2011	Surgical Implant Devices and Methods for Their Manufacture and Use	PCT	National Phase	
2011352142	07/15/2013	Surgical Implant Devices and Methods for Their Manufacture and Use	AU	Pending	
2823328	06/27/2013	Surgical Implant Devices and Methods for Their Manufacture and Use	CA	Pending	
11854121.8	07/26/2013	Surgical Implant Devices and Methods for Their Manufacture and Use	EU	Pending	

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Serial No.	Filing Date	Title	Country	Status	Patent No. (if applicable)
10-20137019803	07/25/2013	Surgical Implant Devices and Methods for Their Manufacture and Use	KR	Pending	
201180068672.0	08/28/2013	Surgical Implant Devices and Methods for Their Manufacture and Use	CN	Pending	
20130547654	06/27/2013	Surgical Implant Devices and Methods for Their Manufacture and Use	JP	Abandoned	
1357/MUMNP/2013	07/11/2013	Surgical Implant Devices and Methods for Their Manufacture and Use	IN	Abandoned	
61/682,558	8/13/2012	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	US	Expired	

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Serial No.	Filing Date	Title	Country	Status	Patent No. (if applicable)
61/601,961	2/22/2012	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	US	Expired	
61/591,753	1/27/2012	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	US	Expired	
61/585,937	1/12/2012	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	US	Expired	
61/550,004	10/21/2011	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	US	Expired	
13/656,717	10/21/2012	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	US	Pending	

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Serial No.	Filing Date	Title	Country	Status	Patent No. (if applicable)
PCT/US12/61292	10/22/2012	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	PCT	National Entry	
2012325756	10/22/2012	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	AU	Pending	
2852958	10/22/2012	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	CA	Pending	
12841445.5	05/20/2014	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	EU	Pending	
2014537354	06/17/2014	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	JP	Pending	

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Serial No.	Filing Date	Title	Country	Status	Patent No. (if applicable)
10-20147013722	05/21/2014	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	KR	Pending	
201280062342.5	06/17/2014	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	CN	Pending	
710/MUMNP/2014	04/16/2014	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	IN	Abandoned	
61/717,037	10/22/2012	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	US	Expired	
61/739,711	12/19/2012	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	US	Expired	

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Serial No.	Filing Date	Title	Country	Status	Patent No. (if applicable)
13/772,203	2/20/2013	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	US	Pending	
PCT/US13/27072	2/21/2013	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	PCT	National Phase	
2013222451	09/05/2014	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	AU	Pending	
2865013	2/21/2013	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	CA	Pending	
13752166.2	08/21/2014	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	EP	Pending	

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Serial No.	Filing Date	Title	Country	Status	Patent No. (if applicable)
2014558817	10/16/2014	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	JP	Pending	
61/824,264	5/16/2013	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	US	Expired	
14/278,594	5/15/2014	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	US	Pending	
PCT/US14/38305	5/16/2014	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	PCT	National Phase	
2014265302	5/16/2014	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	AU	Pending	

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Serial No.	Filing Date	Title	Country	Status	Patent No. (if applicable)
14797690.6	11/10/2015	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	EP	Pending	
2911650	11/05/2015	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	CA	Pending	
2016514106	11/13/2015	Actively Controllable Stent, Stent Graft, Heart Valve and Method of Controlling Same	JP	Pending	
61/790,251	3/15/2013	Catheter-Based Devices and Methods for Identifying Specific Anatomical Landmarks of the Human Aortic Valve	US	Expired	

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Serial No.	Filing Date	Title	Country	Status	Patent No. (if applicable)
14/208,997	03-13-2014	Catheter-Based Devices and Methods for Identifying Specific Anatomical Landmarks of the Human Aortic Valve	US	Abandoned	
62/182,820	6/22/2015	Actively Controllable Heart Valve Implant and Method of Controlling Same	US	Pending	
62/183,451	6/23/2015	Actively Controllable Heart Valve Implant and Method of Controlling Same	US	Pending	