PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4688049

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AGA MEDICAL CORPORATION	12/16/2015

RECEIVING PARTY DATA

Name:	ST. JUDE MEDICAL, CARDIOLOGY DIVISION, INC.
Street Address:	177 EAST COUNTY ROAD B
City:	ST. PAUL
State/Country:	MINNESOTA
Postal Code:	55117

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15271746

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	027.US.CON
NAME OF SUBMITTER:	CHRISTOPHER M. GOFF
SIGNATURE:	/Christopher M. Goff/
DATE SIGNED:	11/14/2017

Total Attachments: 5
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CONFIRMATORY ASSIGNMENT

WHEREAS, AGA Medical Corporation, formerly of 5050 Nathan Lane North, Minneapolis, Minnesota 55442 (hereinafter referred to as "AGA"), has heretofore sold, transferred, and conveyed to **St. Jude Medical, Cardiology Division, Inc.**, a Delaware Corporation, of 177 East County Road B, St. Paul, Minnesota 55117 (hereinafter referred to as "St. Jude Medical"), all of its right, title, and interest, in and to certain inventions, patents, and patent applications as set forth in Appendix A attached hereto, as part of a Purchase Agreement dated December 31, 2012, and the parties wish to memorialize such sale, transfer, and conveyance.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned officer of AGA hereby confirms that AGA did sell, transfer, and convey unto St. Jude Medical all right, title, and interest in and to the aforesaid inventions, patents, and patent applications set forth in Appendix A attached hereto.

AGA Medical Corporation

By: _____

Thomas A. Rendos

Title: Vice President

Date: 12/16/2015

APPENDIX A

Application No.	Patent No.	Filing Date	Title
09/019,620	5,944,738	1998-02-06	Percutaneous Catheter Directed Constricting Occlusion Device
08/272,335	6,123,715	1994-07-08	Method of Forming Medical Devices; Intravascular Occlusion Devices
09/119,823	6,168,622	1998-07-21	Method and Apparatus for Occluding Aneurysms
09/450,240	6,210,338	1999-11-29	Sizing Catheter for Measuring Cardiovascular Structures
09/137,949	6,241,678	1998-08-21	Sizing Catheter for Measuring Septal Defects
09/572,649	6,334,864	2000-05-17	Alignment Member for Delivering a Non-Symmetrical Device with a Predefined Orientation
09/981,736	6,402,772	2001-10-17	Alignment Member for Delivering a Non-Symmetrical Device with a Predefined Orientation
09/535,600	6,468,301	2000-03-27	Repositionable and Recapturable Vascular Stent/Graft
09/535,590	6,468,303	2000-03-27	Retrievable Self Expanding Shunt
09/751,426	6,506,204	2000-12-29	Method and Apparatus for Occluding Aneurysms
10/087,570	6,638,257	2002-03-01	Intravascular Flow Restrictor
10/408,805	7,001,409	2003-04-04	Intravascular Flow Restrictor
11/331,640	8,900,287	2006-01-13	Intravascular Deliverable Stent for Reinforcement of Abdominal Aortic Aneurysm
11/473,971	8,398,670	2006-06-23	Multi-Layer Braided Structures for Occluding Vascular Defects and for Occluding Fluid Flow Through Portions of the Vasculature of the Body
13/618,483		2012-09-14	Multi-Layer Braided Structures for Occluding Vascular Defects and for Occluding Fluid Flow Through Portions of the Vasculature of the Body
11/476,947		2006-06-27	Flanged Occlusion Devices and Methods
11/654,288	8,778,008	2007-01-17	Intravascular Deliverable Stent for Reinforcement of Vascular Abnormalities
11/820,841	8,777,974	2007-06-21	Multi-Layer Braided Structures for Occluding Vascular Defects
14/157,682		2014-01-17	Multi-Layer Braided Structures for Occluding Vascular Defects

14/282,134		2014-05-20	Multi-Layer Braided Structures for Occluding Vascular Defects
14/593,625		2015-01-09	Multi-Layer Braided Structures for Occluding Vascular Defects
11/823,430	8,048,147	2007-06-27	Branched Stent/Graft and Method of Fabrication
13/197,526	8,434,393	2011-08-03	Branched Stent/Graft and Method of Fabrication
13/835,534	8,651,007	2013-03-15	Branched Stent/Graft and Method of Fabrication
11/827,590	8,034,061	2007-07-12	Percutaneous Catheter Directed Intravascular Occlusion Devices
13/216,784	8,454,633	2011-08-24	Percutaneous Catheter Directed Intravascular Occlusion Devices
13/837,351	8,961,556	2013-03-15	Percutaneous Catheter Directed Intravascular Occlusion Devices
14/593,039		2015-01-09	Percutaneous Catheter Directed Intravascular Occlusion Devices
11/881,026	8,361,138	2007-07-25	Braided Occlusion Device Having Repeating Expanded Volume Segments Separated by Articulation Segments
11/861,954		2007-09-26	Braided Vascular Devices Having No End Clamps
11/974,398		2007-10-12	Multi-Component Vascular Device
11/966,397		2007-12-28	Percutaneous Catheter Directed Intravascular Occlusion Devices
12/032,938	8,163,004	2008-02-18	Stent Graft for Reinforcement of Vascular Abnormalities and Associated Method
12/032,944	8,747,453	2008-02-18	Stent/Stent Graft for Reinforcement of Vascular Abnormalities and Associated Method
12/040,260	8,313,505	2008-02-29	Device for Occluding Vascular Defects
12/235,059		2008-09-22	Percutaneous Catheter Directed Intravascular Occlusion Device
14/157,692		2014-01-17	Percutaneous Catheter Directed Intravascular Occlusion Device
12/367,104		2009-02-06	Medical Devices for Treating a Target Site and Associated Method
13/709,666	8,491,649	2012-12-10	Medical Device Including Corrugated Braid and Associated Method

12/179,157		2008-07-24	Multi-Layered Medical Device for Treating a Target Site and Associated Method
12/205,083		2008-09-05	Bifurcated Medical Device for Treating a Target Site and Associated Method
12/258,899		2008-10-27	Multi-Layer Device with Gap for Treating a Target Site and Associated Method
12/208,787		2008-09-11	Device for Occluding Vascular Defects
12/197,604		2008-08-25	Stent Graft Having Extended Landing Area and Method for Using the Same
12/268,756	8,940,015	2008-11-11	Asymmetrical Medical Devices for Treating A Target Site and Associated Method
12/179,172		2008-07-24	Multi-Layered Medical Device for Treating a Target Site and Associated Method
12/372,854		2009-02-18	Medical Device with Stiffener Wire for Occluding Vascular Defects
13/018,802		2011-02-01	Vascular Delivery System and Method
13/072,337	8,821,529	2011-03-25	Device and Method for Occluding a Septal Defect
13/236,763	8,621,975	2011-09-20	Device and Method for Treating Vascular Abnormalities
14/090,820		2013-11-26	Device and Method for Treating Vascular Abnormalities
13/072,378		2011-03-25	Device and Method for Delivering a Vascular Device
13/091,763	8,511,214	2011-04-21	Tubular Structure and Method for Making the Same
13/945,057	8,919,389	2013-07-18	Tubular Structure and Method for Making the Same
13/236,803	9,039,752	2011-09-20	Device and Method for Delivering a Vascular Device
13/163,313	8,764,787	2011-06-17	Occlusion Device and Associated Deployment Method
14/282,121	9,179,920	2014-05-20	Occlusion Device and Associated Deployment Method
13/367,011	9,113,890	2012-02-06	Devices and Methods for Occluding Vascular Abnormalities
13/300,322	8,758,389	2011-11-18	Devices and Methods for Occluding Abnormal Openings in a Patient's Vasculature
14/243,271		2014-04-02	Devices and Methods for Occluding Abnormal Openings in a Patient's Vasculature
13/771,245		2013-02-20	Devices and Methods for Delivering Vascular Implants

13/782,677		2013-03-01	Embolic Protection Shield
13/782,703		2013-03-01	Embolic Protection Device
13/782,755		2013-03-01	Embolic Protection Pass Through Tube
13/782,657		2013-03-01	Embolic Protection Device
13/791,118		2013-03-08	Medical Device for Treating a Target Site
13/791,337		2013-03-08	Medical Device for Treating a Target Site
13/785,754		2013-03-05	Medical Device for Treating a Target Site
14/595,686		2015-01-13	Occlusion Devices and Methods of Making and Using Same
14/096,427		2013-12-04	Paravalvular Leak Occlusion Device for Self-Expanding Heart Valves
13/793,289		2013-03-11	Percutaneous Catheter Directed Collapsible Medical Closure Device
13/797,513		2013-03-12	Paravalvular Leak Occlusion Device for Self-Expanding Heart Valves