504033755 10/03/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4080417

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LAVEILLE KAO VOSS	01/18/2012
KELLY A. PIKE	02/01/2012
DAVID A. MACKIEWICZ	04/02/2012
ANDREW SWITKY	02/03/2012
GINA L. ROMERO	02/01/2012
JONATHAN I. KAPLAN	01/13/2012
ANTHONY P. PATRON	02/01/2012

RECEIVING PARTY DATA

Name:	ABBOTT CARDIOVASCULAR SYSTEMS, INC.
Street Address:	3200 LAKESIDE DRIVE
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15284111

CORRESPONDENCE DATA

Fax Number: (801)328-1707

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: 801-533-9800

Email: mshupe@wnlaw.com

Correspondent Name: WORKMAN NYDEGGER/ABBOTT

Address Line 1: 60 EAST SOUTH TEMPLE

Address Line 2: SUITE 1000

Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	16497.237.1
NAME OF SUBMITTER:	PAUL N. TAYLOR
SIGNATURE:	/Paul N. Taylor, Reg.# 57271/
DATE SIGNED:	10/03/2016

504033755 PATENT REEL: 039925 FRAME: 0112

Total Attachments: 8 source=16497-237-1 2016-10-03 Assignment#page1.tif source=16497-237-1 2016-10-03 Assignment#page2.tif source=16497-237-1 2016-10-03 Assignment#page3.tif source=16497-237-1 2016-10-03 Assignment#page4.tif source=16497-237-1 2016-10-03 Assignment#page5.tif source=16497-237-1 2016-10-03 Assignment#page6.tif source=16497-237-1 2016-10-03 Assignment#page7.tif source=16497-237-1 2016-10-03 Assignment#page8.tif

PATENT REEL: 039925 FRAME: 0113

ASSIGNMENT

WIIEREAS, Laveille Kao Voss, Kelly A. Pike, David A. Mackiewicz, Andrew Switky, Gina L. Romero, Jonathan I. Kaplan, and Anthony P. Patron, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled "CLOSURE DEVICES, SYSTEMS, AND METHODS" that has a U.S. Patent Application Serial Number of and was filed on _____. (I hereby authorize the attorneys of Workman Nydegger to insert said serial number and filing date when known.)

WHEREAS, Abbott Cardiovascular Systems, Inc., a corporation organized and existing under the laws of California, having a place of business at 3200 Lakeside Drive, Santa Clara, California 95054, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and to the patent application identified above, and all patents, foreign and domestic, which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in exchange for valuable and legally sufficient consideration, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States and elsewhere in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States and elsewhere; together with the entire right, title and interest in and to said invention and all patent applications, patents, utility models and designs therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications, patents, utility models and designs defined above; to have and to hold for sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that Assignor has the full right to convey the interest assigned by this Assignment; and that the Assignor will assist the Assignee in the prosecution of the patent applications identified above, in the making and prosecution of any other applications that the Assignee may elect to make covering the invention identified above, in vesting in the Assignee like exclusive title in and to all such other patent applications and patents, in the prosecution of any interference which may arise involving said invention, or any such patent application or patent, and in assisting Assignee in enforcement of any rights arising out of this Assignment; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Agreement.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

DATED: 1/18/2012	Our
	Laveille Kao Voss
DATED:	Kelly A. Pike
DATED:	David A. Mackiewicz
DATED:	Andrew Switky
DATED:	Gina L. Romero
DATED:	Jonathan I. Kaplan
DATED:	Anthony P. Patron

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DATED:	Laveille Kao Voss
DATED: 2/1/2012	Kolly A. Pike
DATED:	David A. Mackiewicz
DATED:	Andrew Switky
ATED:	Gina L. Romero
ATED:	Jonathan I. Kaplan
ATED:	Anthony P. Patron

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PATENT

REEL: 039925 FRAME: 0118 7 17

ATED:	Laveille Kao Voss
	Lavenie Kao voss
ATED:	Kelly A. Pike
ATED: 2 Apr: 1, 2012	20
ATED: A ATOM	David A. Mackiewicz
ATED:	Andrew Switky
	Andrew Switky
DATED:	Gina L. Romero
DATED:	Jonathan I. Kaplan
A A CENT	
DATED:	Anthony P. Patron

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DATED:	Laveille Kao Voss
DATED:	Kelly A. Pike
DATED:	David A. Mackiewicz
DATED: 2/3/1)	Andrew Switky
DATED: 41/12	Gunar Compres 3//12 Gina L. Romero
DATED: 1/13/12	Janua Saya Jonathan I. Kaplan
DATED: 2-1-12	Anthony P. Patron

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RECORDED: 10/03/2016