503836517 05/20/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARSHAD QUADRI	12/08/2009
J. BRENT RATZ	12/08/2009

RECEIVING PARTY DATA

Name:	CARDIAQ VALVE TECHNOLOGIES, INC.
Street Address:	1 ORIENT STREET
City:	WINCHESTER
State/Country:	MASSACHUSETTS
Postal Code:	01890

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15004823

CORRESPONDENCE DATA

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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.

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Email: evelyn sanchez@edwards.com

Correspondent Name: **EDWARDS LIFESCIENCES CORPORATION**

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ATTORNEY DOCKET NUMBER:	8517US05
NAME OF SUBMITTER:	DAVID L HAUSER
SIGNATURE:	/David L Hauser/
DATE SIGNED:	05/20/2016

Total Attachments: 3

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> **PATENT** REEL: 038660 FRAME: 0027

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Client Code: CRDQ.003A

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ASSIGNMENT

Application No.: 12/572,180

Filing Date: October 1, 2009

WHEREAS, We, Arshad Quadri, a United States citizen, residing at West Hartford, CT, and J. Brent Ratz, a United States citizen, residing at Winchester, MA have invented certain new and useful improvements in a DELIVERY SYSTEM FOR VASCULAR IMPLANT for which we have filed an application for Letters Patent in the United States, Application No. 12/572,180;

AND WHEREAS, Cardiaq Valve Technologies, Inc. (hereinafter "ASSIGNEE"), a C-corp, Delaware Corporation, with its principal place of business at 1 Orient Street, Winchester, MA 01890, desires to acquire the entire right, title, and interest in and to said improvements and said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged. I, said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under said improvements, and said application including all provisional applications relating thereto (including but not limited to U.S. Provisional Application No. 61/136,760, filed October 1, 2008), and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO 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 said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

PATENT REEL: 038660 FRAME: 0028

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Application No.: 12/572,180

Filing Date: October 1, 2009

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 8th day of December, 2009

Arshad Quadri

STATE OF CA

COUNTY OF Drange

0n 12/08/09 _, before me, <u>Ken</u>ee personally appeared Arshad Quadri who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(les), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]

RENEE FARRIS Commission # 1732729 Votary Public - California Orange County vly Comm. Explice May 20, 2011

PATENT

Application No.: 12/572,180 Client Code: CRDQ.003A Filing Date: October 1, 2009 Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this hand of December, 2009

J. Brent Ratz

STATE OF CAMPE } ss

on 13/08/09, before me, two ee facts, notary public, personally appeared J. Brent Ratz who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(les), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]

Tyle Form

Notary Signato

RENEE FARRIS
Commission # 1732729
Notary Public - California
Orange County
Wy Comm. Exples Mor 20, 2011

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> PATENT REEL: 038660 FRAME: 0030

RECORDED: 05/20/2016