PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VALAVANUR A. SUBRAMANIAN	01/04/2010
THOMAS AFZAL	12/03/2009
GARY HULME	12/04/2009
JEFFREY CHRISTIAN	12/04/2009
MICHAEL L. REO	12/03/2009

RECEIVING PARTY DATA

Name:	CARDIOVASCULAR TECHNOLOGIES, LLC	
Street Address:	32 ANDERSON WAY	
City:	MENLO PARK	
State/Country:	CALIFORNIA	
Postal Code:	94025	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13653783

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.

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Email: efiling@knobbe.com

Correspondent Name: KNOBBE, MARTENS, OLSON & BEAR, LLP

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ATTORNEY DOCKET NUMBER:	CVTI.002P3C1	
NAME OF SUBMITTER:	DEVANIE DUFOUR	
SIGNATURE:	/Devanie DuFour/	
DATE SIGNED:	09/03/2021	

Total Attachments: 6

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PATENT REEL: 057386 FRAME: 0690

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PATENT REEL: 057386 FRAME: 0691 Application No.: 12/579,364 Client Code: CVTI.002CP3 Filing Date: October 14, 2009

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ASSIGNMENT

WHEREAS, We, Valavanur A. Subramanian, a United States citizen, residing at 333 East 69th Street, Apt. 11C, New York, NY 10021, Thomas Afzal, a United States citizen, residing at 31 Anderson Way, Menlo Park, CA 94025, Gary Hulme, a United States citizen, residing at 4365 Lonardo Avenue, San Jose, CA 95118, Jeffrey Christian, a United States citizen, residing at 16201 Paradise Valley Lane, Morgan Hill, CA 95037 and Michael L. Reo, a United States citizen, residing at 218 Brighton Lane, Redwood City, CA 94061, have invented certain new and useful improvements in a TRANSVALVULAR INTRAANNULAR BAND FOR AORTIC VALVE REPAIR for which we have filed an application for Letters Patent in the United States, Application No, 12/579,364, filed October 14, 2009;

AND WHEREAS, CardioVascular Technologies, LLC (hereinafter "ASSIGNEE"), a California LLC, with its principal place of business at 32 Anderson Way, Menlo Park, CA 94025. desires to acquire the entire right, title, and interest in and to said improvements and said Application:

NOW, THEREFORE, in consideration of 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 . 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: 057386 FRAME: 0692

PATENT Application No.: 12/579,364 Client Code: CVTI.002CP3 Filing Date: October 14, 2009 Page 2 IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of COUNTY OF New York. } ss. On Journy 4 2010, before me, ______, notary public, personally appeared Valavanur A. Subramanian 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(ies), 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. . Parahaels WITNESS my hand and official seal.

[SEAL]

NOSA D. CARABALLO

Notary Public, State of New York No. 01CA4999445 Qualified in Westchester Count Cemmission Expires July 20, 20

Notary Signature

PATENT

Application No.: 12/579,364 Client Code: CVTI.002CP3 Filing Date: October 14, 2009

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3^{rol} DECEMBER, 2009

STATE OF California, ss. country of Santa Clara

On <u>December 3</u>, <u>acr</u> before me, <u>Uga Klimova</u>, notary public, personally appeared Thomas Afzal 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(ies), 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.

ISEAL

OLGA KLIMOVA Commission # 1759187 totary Public - California Santa Clara County y Comm. Explos Aug 15, 2011

Wya Kanuova Notary Signature

Application No.: 12/579,364 Filing Date: October 14, 2009 PATENT Client Code: CVTI.002CP3

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4 day of

Gary Hulme

STATE OF

COUNTY OF SANTA

SS.

On 12-4-2009, before me, Joseph G. Auck, notary public, personally appeared Gary Hulme 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(ies), 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.

NOTARY PUBLIC - CALIFORNIA SANTA CLARA COUNTY My Comm. Expires Dec. 8, 2012

[SEAL]

Notary Signature

PATENT REEL: 057386 FRAME: 0695 Application No.: 12/579,364 Filing Date: October 14, 2009 PATENT Client Code: CVTI.002CP3

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4 day of

Jeffrey Christian

STATE OF

COUNTY OF SANTA

SS.

SANTA CLARA COUNTY
My Comm. Expires Dec. 8, 2012

On Logical personally appeared Jeffrey Christian who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is lare subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity (ies), 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]

Notary Signature

PATENT

REEL: 057386 FRAME: 0696

Application No.: 12/579,364 Filing Date: October 14, 2009

PATENT Client Code: CVTI.002CP3

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3rd DECEMBERZ, 2009.

STATE OF California Country of Santa Clasea ss.

On December 3,20,9 before me, ___ personally appeared Michael L. Reo 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(ies), and that by his signature(e) 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]

OLGA KLIMOVA Commission # 1759187 Notary Public - California Santa Clara County

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RECORDED: 09/03/2021

PATENT

REEL: 057386 FRAME: 0697