503501584 09/29/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3548210

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PATRICK A. KELLY	06/25/2015
PATRICK E. LUTZ	07/13/2015
ROBERT G. SVITEK PHD.	07/10/2015
JERRY STOKES	07/10/2015

RECEIVING PARTY DATA

Name:	CARDIACASSIST, INC.
Street Address:	240 ALPHA DRIVE
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15238

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14869506

CORRESPONDENCE DATA

Fax Number: (412)945-5933

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: 412-471-8815

Email: assignments@webblaw.com
Correspondent Name: THE WEBB LAW FIRM

Address Line 1: ONE GATEWAY CENTER, 420 FT DUQUESNE BLVD

Address Line 2: SUITE 1200

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER:	6333-155688
NAME OF SUBMITTER:	CHRISTIAN E. SCHUSTER
SIGNATURE:	/Christian E. Schuster/
DATE SIGNED:	09/29/2015

Total Attachments: 6

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PATENT 503501584 REEL: 036684 FRAME: 0986



PATENT REEL: 036684 FRAME: 0987

OMB No. 0651-0027 (exp. 4/30/2015)	United States Patent and Trademark Office
	ORM COVER SHEET S ONLY
To the Director of the U.S. Patent and Trademark Office: Plea	se record the attached documents or the new address(es) below.
1. Name of conveying party(ies) Patrick A. Kelly	2. Name and address of receiving party(ies)
Patrick E. Lutz	Name: CardiacAssist, Inc.
Robert G. Svitek, PhD.	Internal Address:
Jerry Stokes	
Additional name(s) of conveying party(ies) attached? Yes ✓ No	
3. Nature of conveyance/Execution Date(s):	Street Address: 240 Alpha Drive
Execution Date(s) 6/25/2015; 7/13/2015; 7/10/2015; 7/10/2015 Assignment Merger	
Security Agreement Change of Name	City: Pittsburgh
☐ Joint Research Agreement	State: PA
Government Interest Assignment	0 1 119 15220
Executive Order 9424, Confirmatory License	Country: US Zip: 15238
Other	Additional name(s) & address(es) attached? ☐ Yes ✓ No
4. Application or patent number(s): A. Patent Application No.(s)	document is being filed together with a new application. B. Patent No.(s)
Additional numbers at	tached? Yes ✓ No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: The Webb Law Firm	7. Total fee (37 CFR 1.21(h) & 3.41) \$
Internal Address:	
memary address.	Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address: One Gateway Center	Enclosed
420 Ft. Duquesne Blvd., Ste 1200	✓ None required (government interest not affecting title)
City: Pittsburgh	8. Payment Information
State: <u>PA</u> Zip: <u>15222</u>	a. Credit Card Last 4 Numbers 1916 Expiration Date 05/2018
Phone Number: 412-471-8815	b. Deposit Account Number 23-0650
Fax Number: 412-945-5933	
Email Address: assignments@webblaw.com	Authorized User Name
9. Signature:	September 29, 2015
Signature	Date
Christian E. Schsuter, Reg. No. 43,90 Name of Person Signing	8 Total number of pages including cover sheet, attachments, and documents:
I INALLE OF PEISON SIGNAD	The state of the s

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

трри	Cation 140 13//10,110
Attor	ney Docket No. <u>6333-123722</u>
ASSIGNMENT	
WHEREAS, as a below named inventor, improvements in	I have invented certain new and useful
DUAL LUMEN CANN	TULA
(Invention Title)	
X for which a United States Provisional Patent application Number 61/577,257 (here AND/OR	tion was filed on 12/19/2011 (mm/dd/yyyy) einafter "said application").
for which I have this day executed an application "said application"). AND/OR	for a United States Patent (hereinafter
X for which an application for a United States Patent wand bears Application Number 13/718,110 (here AND/OR	vas filed on 12/18/2012 (mm/dd/yyyy) sinafter "said application").
for which an international patent application was file on(mm/dd/yyyy), bearing Application N "said application").	d under the Patent Cooperation Treaty o (hereinafter
AND, WHEREAS, CardiacAssist, INC., place of business at 240 Alpha Drive, Pittsburgh, PA, 152 desirous of acquiring the entire right, title, and interest inventions and improvements therein disclosed.	38, hereinafter called the "assignee", is
NOW, THEREFORE, for good and value assignee, the receipt of which is hereby acknowledged inventors, hereinafter the assignor(s), do hereby assign, s full and exclusive right, title and interest in and to sai improvements therein disclosed for the United States and Patent which may issue therefor in the United States and reissues, continuations, continuations-in-part, renewals assignment extends to the full ends of the terms of these entirely as the same would have been held and enjoyed made.	, I as the inventor or as one of the ell and transfer unto said assignee the d application and the inventions and I all foreign countries and any Letters all foreign countries and all divisions, and/or extensions thereof. Such applications and patents as fully and by me had this Assignment not been
I covenant that I am the lawful owner(s improvements, that the same are unencumbered, that no li-	or said application, inventions and cense has been granted to make, use or

Page 1 of 5

vend the said inventions or improvements or any of them, and that I have the full right to make

that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths,

And for the consideration aforesaid, I agree individually and, if applicable, jointly

this Assignment.

Application No.	13/718,110
Attorney Docket No.	6333-123722

and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

FULL NAME OF ASSIGNOR: Patrick A. Kelly	RESIDENCE: North Huntingdon, PA
EXECUTED this 25 day of June	
and the second s	SIGNATURE
STATE OF PENNSYLVANIA)	
COUNTY of westmore must	
On this 2 Sday of MONTH a notary public, personally appeared PATE	year 2015, before me Koyyo Lynn Ammeny YEAR NOTARY PUBLIC NAME CKK A VELLU
	NAME OF DOCUMENT SIGNER
proved on the basis of satisfactory eviden	ce to be the person whose name is subscribed to this
instrument, and acknowledged he/she execute	ed the same. Witness my hand and official seal.
	Morany Public amoran
	COMMONWEALTH OF PENNSYLVANIA
	NOTARIAL SEAL Karyn Lynn Ammann, Notary Public
	Hempfield Two., Westmoreland County 1.
	My Commission Expires June 5, 2018

Checked Box indicates 3 additional page(s) for inventor signatures.

	Application No.	13/718,110
	Attorney Docket No	6333-123722
2. FULL NAME OF ASSIGNOR: Patrick E. Lutz	RESIDENCE: Pittsburgh, PA	
EXECUTED this 13 day of July	,2013 P2 Patiet	Lut
STATE of Maryland	Sig	NATURE /
COUNTY of Martajorsevy	4-	· · · · · · · · · · · · · · · · · · ·
On this 43 day of 4 , in the year		OE Non
a notary public, personally appeared Par	WICK E. Lut.	TARY PUBLIC NAME
proved on the basis of satisfactory evidence instrument, and acknowledged he/she executed		is subscribed to this
		Me
	NOTAR	Y PUBLIC
	Notary Publ Montgome My Commis	E NAM ic-Maryland ary County sion Expires 107 2017

	Application No13/718,110
	Attorney Docket No6333-123722
3. FULL NAME OF ASSIGNOR:	RESIDENCE:
Robert G. Svitek, PhD.	Freeport, PA
EXECUTED this /Oday of July ,20	Robert D. Svitek
	SIGNATURE
STATE of TANSYLVANIC	
COUNTY of Alleghery	
On this /o day of July, in the year	20/5, before me Blkn Tchil,
a notary public, personally appeared Rock	VEAR C. SVITEK NOTARY PUBLIC NAME
proved on the basis of satisfactory evidence to	NAME OF DOCUMENT SIGNER
instrument, and acknowledged he/she executed the	
	Str. O.l.
COMMONWEALTH OF PENNSYL. NOTARIAL SEAL	NOTABY PUBLIC
Brian Ickes, Notary Public O'Hara Twp., Allegheny County	S. E
My Commission Expires March 28, 20	19
member, pennsylvania association of N	L

4. FULL NAME OF ASSIGNOR: RESIDENCE:	
Jerry Stokes Sarver, PA	
EXECUTED this of July , 2013	
SIGNATURE	
STATE of RAAS Y VONTE	
COUNTY of Hillegheny	
On this 10 day of July, in the year 20/5, before me Will Tell ,	
a notary public, personally appeared \mathcal{F}_{l}	
NAME OF DOCUMENT SIGNER	
proved on the basis of satisfactory evidence to be the person whose name is subscribed to the	nis
instrument, and acknowledged he/she executed the same. Witness my hand and official seal.	7.
The last	•
COMMONWEALTH OF PENNSYLVANIA NOTARY TUBLIC	
NOTARIAL SEAL Brian Ickes, Notary Public	S.
O'Hara Two. Allegheny County	E
My Commission Expires March 28, 2019 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES	A
WEWDER, PERUSTE TARIN GOVERN	\mathbf{L}

Application No. _

Attorney Docket No. <u>6333-123722</u>