502316246 04/18/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Zafiris G Zafirelis	10/20/2000
John C Marous III	10/23/2000
Yih-Choung Yu	10/23/2000
Kirk A Lehmann	10/20/2000
Greg A Johnson	10/20/2000

RECEIVING PARTY DATA

Name:	Cardiac Assist Technologies, Inc.
Street Address:	240 Alpha Drive
City:	Pittsburgh
State/Country:	PENNSYLVANIA
Postal Code:	15238

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	13010366
Application Number:	13082487
Patent Number:	7896832

CORRESPONDENCE DATA

Fax Number: 4129455933

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 4124718815

Email: assignments@webblaw.com

Correspondent Name: The Webb Law Firm

Address Line 1: 420 Ft. Duquesne Blvd., Suite 1200
Address Line 4: Pittsburgh, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER: 6333-102815;103566;110883

PATENT

REEL: 030244 FRAME: 0008

P \$120.00 13010366

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NAME OF SUBMITTER:	Christian E. Schuster
Signature:	/Christian E Schuster/
Date:	04/18/2013
Total Attachments: 5 source=6333Assignment#page1.tif source=6333Assignment#page2.tif source=6333Assignment#page3.tif source=6333Assignment#page4.tif source=6333Assignment#page5.tif	

PATENT REEL: 030244 FRAME: 0009

OND NO. 0031-0021 (exp. 0/30/2000)	WILLIAM WINDOW
RECORDATION FO PATENT	
	e record the attached documents or the new address(es) below.
	2. Name and address of receiving party(ies)
Name of conveying party(ies) Zafiris G. Zafirelis Greg A. Johnson	Name: Cardiac Assist Technologies, Inc.
John C. Marous, III	
Yih-Choung Yu	Internal Address:
Kirk A. Lehmann	
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) Oct.20,2000; Oct.23,2000	
Assignment Merger	
Security Agreement Change of Name	City: Pittsburgh
Joint Research Agreement	State: PA
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: US Zip: 15238
Other	Additional name(s) & address(es) attached? ☐ Yes ✓ No
4. Application or patent number(s):	document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
13/010,366	7,896,832
13/082,487	
Additional numbers at	
5. Name and address to whom correspondence	6. Total number of applications and patents
concerning document should be mailed:	involved: 3
Name:	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 120.00
Internal Address: The Webb Law Firm	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
	a. Credit Card Last 4 Numbers 4775
State: <u>PA</u>	Expiration Date 05/2015
Phone Number: 412-471-8815	b. Deposit Account Number 23-0650
Fax Number: 412-945-5933	Authorized User Name
Email Address: assignments@webblaw.com	Authorized OSCI Nathe
9. Signature:	April 18, 2013
Signature	Date
Christian E. Schuster	Total number of pages including cover
Name of Person Signing	sheet, attachments, and documents:

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

Doc. No.

Attorney's Docket No	CAT-11	PATENT
	For: 🔀 U.S. and/ For: 👿 U.S. Appl U.S. Prov For: 🗌 U.S. Pate For: 🗆 PCT Appl	isional Application nt
ASSI	GNMENT OF INVENTIO	ON
In consideration of the paymer (\$1.00), the receipt of which is consideration,	nt by ASSIGNEE to ASSIGNEE	NOR of the sum of One Dollar I for other good and valuable
ASSIGNOR:	(see	attachment)
inventor(s) or person(s) or entity(ies) who own the invention		e(s) of ASSIGNOR(S))
	Address	
	4	
	Nationality	
(if assignment is by person and this was	or entity to whom inventions recorded in PTO, add the	n was previously assigned e following)
Recorded on		
110001001	Frame	
hereby sells, assigns and trans-	fers toCardiac_A	Assist Technologies, Inc.

and the successors, assigns and legal representatives of the ASSIGNEE

ASSIGNEE:

(Assignment of Invention [16-3]—page 1 of 3)

(type or print name(s) of ASSIGNEE(S))

Pittsburgh, PA 15238

240 Alpha Drive

United States

Address

Nationality

REEL: 0 PATOS FRAME: 0519 REEL: 030244 FRAME: 0011

(complete one of the following)

(complete one of the following)	ar. second
the entire right, title and interest an undivided percent (%) interest for the United States and its territorial possessions	
(check the following box, if foreign rights are also to be assigned)	
and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled: METHOD AND SYSTEM FOR CLOSED CHEST BLOOD FLOW SUPPORT	
Name of inventor(s) Zaf Zafirelis, John Marous, Yih-Choung Yu, Kirk Lehmann, Greg Johnson	
(check and complete (a), (b), (c), (d), (e), (f) or (g))	
and which is found in	
(a) U.S. patent application executed on even date herewith	
(b) U.S. patent application executed on	
(c) U.S. provisional application naming the above inventor(s) for the above-entitled invention.	
Express mail label no.:	
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(d) X U.S. application no. 09/_661,413	
DOT! (
(f) U.S. patent no	nt
and institution(s) is also being assigned	im
(g) and any legal equivalent thereof in a foreign country, including the right to claid priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent a reissue or re-examination thereof ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance in the patent or will be made or entered into which would conflict with this assignment;	any

(Assignment of Invention [16-3]—page 2 of 3)

PATENT REEL: 014408NFRAME: 0520 REEL: 030244 FRAME: 0012

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

or desirable to carry out the purposes there	eot.	
IN WITNESS WHEREOF, I/We have here	unto set hand and seal this day	
of		OPV
	1	
WARNING: The date of signing must be the same checked above.	as the date of execution of the apprication, if item (a) was	
Date: 10-2 9 -00	Signature of ASSIGNOR(S)	
Date: 10-22 %	The Claim	
Date: /0-23/m	Val. 1	
Date: 10/20/00	Mrs like	
Date: 10/20/2000	Lug A Johnson	
	complete the following information)	
	(type or print the name of the above person authorized to sign on behalf of ASSIGNOR)	
	Title	
·		
NOTE: No witnessing, notarization or legalization	n is necessary. If the assignment is notarized or legalized, then ecution. 35 USC 261, Use next page if notarization is desired	
it will only be prima facie evidence of call	Legalization Page Added.	
L Notalization	(Assignment of Invention [16-3]—page 3 of 3	י. י

PATENT REEL: 0**PA:05NT**RAME: 0521 REEL: 030244 FRAME: 0013

Attachment to ASSIGNMENT OF INVENTION



Zafiris G. Zafirelis
¹1 Harris Avenue
Needham, MA 02192
Jnited States

Iohn C. Marous III 401 Buckingham Road Pittsburgh, PA 15215 United States

Yih-Choung Yu 114 Seneca Drive Pittsburgh, PA 15228 United States

Kirk A. Lehmann 1632 Citation Drive Library, PA 15026 United States

Gregery A. Johnson 233 Broadway Drive Pittsburgh, PA 15236 United States

> REEL: 011408 FRAME: 0522 REEL: 030244 FRAME: 0014