FORM PTO-1595 (Rev. 06/04) OMB No. 0651-0027 (exp. 6/30/2005)



U.S. DEPARTMENT OF COMMERCE nited States Patent and Trademark Office

RECO. 102921399				
PATENTS CINE				
To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.				
1. Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies):			
Lucas S. Gordon, Mark L. Mathis, Gregory Nieminen, Leonard Kowalsky, Ryan H. Braxtan, Brian J. Doll	Name: Cardiac Dimensions, Inc.			
Loonald Romaiotty, Hyan III Braxtain, Brian of Doi:	Internal Address:			
Execution Date(s) 11/30/04; 12/01/04, 12/09/04, 12/26/04				
Additional name(s) of conveying party(ies) attached? Yes No	Street Address: 5540 Lake Washington Blvd.			
3. Nature of conveyance:				
	City: Kirkland,			
Government Interest Assignment	State: Washington			
☐ Executive Order 9424, Confirmatory License	Country USA Zip 98033			
Other	Additional name(s) & address(es) attached? Yes No			
	his document is being filed together with a new application.			
A. Patent Application No.(s) 10/946,332	B. Patent No.(s):			
Additional numbers atta				
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: James R. Shay	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00			
Internal Address: Wilson Sonsini Goodrich & Rosati	☐ Authorized to be charged by credit card			
Street Address: 650 Page Mill Road				
	☐ Enclosed			
City: Palo Alto	☐ None required (government interest not affecting title)			
<u>State: CA</u> Zip: <u>94304-1050</u>	8. Payment Information			
Phone Number: (650) 493-9300	a. Credit Card Last 4 Numbers			
Fax Number: (650) 493-6811	Expiration Date			
Email Address: jshay@wsgr.com	B. Deposit account number: <u>23-2415</u>			
	Authorized User Name Wilson Sonsini Goodrich & Rosati			
9. Signature.				
Signature	January 7, 2005 Date			
9				
James R. Shay, Reg. No. 32,062	Total number of pages including cover sheet, attachments, and documents:			
Name of Person Signing				

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

01/14/2005 GTON11 0000003 232415 10946332 01 FC:8021 40.00 BA

PATENT

REEL: 016147 FRAME: 0739

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

ASSIGNMENT OF APPLICATION		Docket Number	Docket Number 29912-710.501		
Whereas, the undersigned:					
GORDON, Lucas S. Issaquah, WA	MATHIS, Mark L. Fremont, CA	NIEMINEN, Gregory Bothell, WA	KOWALSKY, Leonard Bothell, WA	Braxton, Ryan H. Snoqualmine, WA	DOLL, Brian J. Sammamish, WA
hereinafter termed "In	ventors", have invented	d certain new and useful i	improvements in		
	PERCUTAN	EOUS MITRAL VALV	E ANNULOPLASTY DEI	LIVERY SYSTEM	
for which an application for United States Patent was filed on <u>September 9, 2004</u> , Application No. <u>10/946,332</u> . for which a United States Patent issued on, U.S. Patent No					
Washington Blvd. NE said application and the jointly or severally by	Kirkland, WA 98033 te invention disclosed to said Inventors (all coll	, (hereinafter termed "Ass therein, and in and to all e lectively hereinafter term	Delaware, having a place of being need in the signee, is desirous of acque mbodiments of the invention of the invention of the invention of the united in the United States are	iring the entire right, tit n, heretofore conceived and to any and all paten	le and interest in and to , made or discovered
NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:					
1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.					
2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.					
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.					
4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.					
IN WITNES	SS WHEREOF, said In	nventors have executed ar	nd delivered this instrument		
Date: <u>NOV. 30</u>	2004		Lucas S. Gordon	& Hordon	~
ъ.			Ducus o. Gordon		
Date:			Mark L. Mathis		
Date: //-30-0	04		Gregory Weminen	eminen	
Date:		· 	Leonard Kowalsky		
Date:			Ryan H. Braxton		
Date:		30/04	Brian J. Doll		

Approved for use through 9/30/98. OMB 0651-0027
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

ASSIGNMENT OF APPLICATION		Docket Number	Docket Number 29912-710.501		
Whereas, the undersigned:					
GORDON, Lucas S. Issaquah, WA	MATHIS, Mark L. Fremont, CA	NIEMINEN, Gregory Bothell, WA	KOWALSKY, Leonard Bothell, WA	Braxton, Ryan H. Snoqualmine, WA	DOLL, Brian J. Sammamish, WA
hereinafter termed "In	ventors", have invented	d certain new and useful i	improvements in		
•	PERCUTAN	EOUS MITRAL VALV	E ANNULOPLASTY DEL	IVERY SYSTEM	
for which an application for United States Patent was filed on September 9, 2004, Application No. 10/946.332. for which a United States Patent issued on, U.S. Patent No					
WHEREAS, <u>Cardiac Dimensions</u> , <u>Inc.</u> , a corporation of the State of <u>Delaware</u> , having a place of business at <u>Cardiac Dimensions</u> , <u>Inc.</u> , <u>5540 Lake Washington Blvd</u> . <u>NE</u> , <u>Kirkland</u> , <u>WA 98033</u> , (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.					
NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:					
1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.					
2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.					
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.					
4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.					
IN WITNE	SS WHEREOF, said I	nventors have executed as	nd delivered this instrument	to said Assignee as of t	he dates written below:
Date:			Lucas S Gordon	100	
Date: 12 -	1-04	·	Mark L. Mathis	C/h	in him
Date:					<u></u>
			Gregory Nieminen		
Date:			Leonard Kowalsky		
Date:			Ryan H. Braxton		
Date:			Brian J. Doll		

Approved for use through 9/30/98. OMB 0651-0027
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

ASSIGNMENT OF APPLICATION		Docket Number 29912-710.501		
Whereas, the undersign	ned:			
GORDON, Lucas S. Issaquah, WA	MATHIS, Mark L. Fremont, CA	NIEMINEN, Gregory Bothell, WA	KOWALSKY, Leonard Bothell, WA	Braxton, Ryan H. DOLL, Brian J. Sammamish, WA
hereinafter termed "In	ventors", have invented	l certain new and useful i	mprovements in	
	PERCUTAN	EOUS MITRAL VALV	E ANNULOPLASTY DEL	IVERY SYSTEM
for which an application for United States Patent was filed on <u>September 9, 2004</u> , Application No. <u>10/946,332</u> . for which a United States Patent issued on, U.S. Patent No				
WHEREAS, <u>Cardiac Dimensions</u> , Inc., a corporation of the State of <u>Delaware</u> , having a place of business at <u>Cardiac Dimensions</u> , Inc., 5540 <u>Lake Washington Blvd. NE, Kirkland, WA 98033</u> , (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.				
NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:				
1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.				
2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.				
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.				
4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.				
IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:				
Date:			Lucas S. Gordon	
Date:			Mark L. Mathis	
Date:				
Date:	6.04	<u> </u>	Gregory Nieminen Leonard Kowalsky	Kowaly
Date:	***************************************		Ryan H. Braxton	
Date:			Brian J. Doll	

Approved for use through 9/30/98. OMB 0651-0027
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

ASSIGNMENT OF APPLICATION	Docket Number 29912-710.501			
Whereas, the undersigned:				
GORDON, Lucas S. MATHIS, Mark L. NIEMINEN, Gregory KOWALSK Issaquah, WA Fremont, CA Bothell, WA Bothell, WA				
hereinafter termed "Inventors", have invented certain new and useful improvements	in			
PERCUTANEOUS MITRAL VALVE ANNULOP	LASTY DELIVERY SYSTEM			
for which an application for United States Patent was filed on September 9, 2004, Application No. 10/946,332. for which a United States Patent issued on, U.S. Patent No				
WHEREAS, Cardiac Dimensions, Inc., a corporation of the State of Delaware, having a place of business at Cardiac Dimensions, Inc., 5540 Lake Washington Blvd. NE, Kirkland, WA 98033, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.				
NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:				
1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.				
2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.				
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.				
4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.				
IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:				
Date: Lucas S. G	Gordon			
Date: Mark L. M	∕athis			
Date:	· · · · · · · · · · · · · · · · · · ·			
Gregory N	Vieminen			
Date: Leonard k	Kowalsky			
Date: 12/9/04 Ryan H. E	Braxton			
Date:Brian J. D	Poll			

C:\NrPortbl\PALIB1\AG2\2565938_1.DOC

PATENT **REEL: 016147 FRAME: 0743**

RECORDED: 01/07/2005