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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KIRK PATRICK SEWARD	04/16/2004
LYNN MATEEL BARR	04/16/2004
ROBERT CAFFERATA	04/19/2004

RECEIVING PARTY DATA

Name:	ENDOBIONICS, INC.	
Street Address:	3077 TEAGARDEN STREET	
City:	SAN LEANDRO	
State/Country:	CALIFORNIA	
Postal Code:	94577	

PROPERTY NUMBERS Total: 2

Property Type	Number
Patent Number:	9149497
Application Number:	14838531

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	34634-715.301/302
NAME OF SUBMITTER:	JOHN A. BEREZNAK
SIGNATURE:	/John A. Bereznak/
DATE SIGNED:	03/10/2016

Total Attachments: 3

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PATENT REEL: 037948 FRAME: 0738 503731594

Attorney Docket No.: 021621-001810US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, KIRK PATRICK SEWARD of 5289 Gilford Court, Dublin, California 94568; LYNN MATEEL BARR of 1600 Shangri-La Court, Lafayette, California 94549; and ROBERT CAFFERATA of 4794 Hillsboro Circle, Santa Rosa, California 95405, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

METHODS AND SYSTEMS FOR TREATING

ISCHEMIC CARDIAC AND OTHER TISSUES

Date(s) of execution

of Declaration:

4/16/04; 4/16/04 and 4-19-04

Filing Date:

April 21, 2004;

Application No:

10/829,905; and

WHEREAS, EndoBionics, Inc., located at 3077 Teagarden Street, San Leandro, California 94577, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

PATENT REEL: 014600AFRANE: 0499

REEL: 037948 FRAME: 0739

Assignment

Attorney Docket No.: 021621-001810US

Page 2

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

VACCO

Dated: 4 16 04	CHSI
f at	KIRK PATRICK SEWARD
Note for	~ 12
Dated: 1 (6/07)	
	LYNN MATEEL BARR

Dated; ROBERT CAFFERATA

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PATENT REEL: 014600 FRAME: 0500

REEL: 037948 FRAME: 0740

Assignment Attorney Docket No.: 021621-001810US Page 2

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embercadero Canter, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Daled;	KIRK PATRICK SEWARD
Dated:	LYNN MATEEL BARR
Dated: 4-19-04-	ROBERT CAFFERATA

60195702 v1

RECORDED: 05/05/2004

RECORDED: 03/10/2016

PATENT REEL: 014600 FRANCE: 0501

REEL: 037948 FRAME: 0741