504464744 07/19/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4511446

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
OMER T. INAN	10/14/2009
MOZZIYAR ETEMADI	10/15/2009
LAURENT GIOVANGRANDI	10/14/2009
GREGORY T. KOVACS	12/01/2009
RICHARD M. WIARD	10/14/2009

RECEIVING PARTY DATA

Name:	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
Street Address:	OFFICE OF THE GENERAL COUNSEL, BUILDING 170, 3RD FLOOR
Internal Address:	MAIN QUAD, P.O. BOX 20386
City:	STANFORD
State/Country:	CALIFORNIA
Postal Code:	94305-2038

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14966752

CORRESPONDENCE DATA

Fax Number:

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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Correspondent Name: CRAWFORD MAUNU PLLC

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Address Line 4: ST. PAUL, MINNESOTA 55120

ATTORNEY DOCKET NUMBER:	STFD.206C3	
NAME OF SUBMITTER:	ROBERT J. CRAWFORD	
SIGNATURE:	/Robert J. Crawford/	
DATE SIGNED:	07/19/2017	

PATENT 504464744 REEL: 043048 FRAME: 0249

Total Attachments: 15 source=Assignment_STFD206C#page1.tif source=Assignment_STFD206C#page2.tif source=Assignment_STFD206C#page3.tif source=Assignment_STFD206C#page4.tif source=Assignment_STFD206C#page5.tif source=Assignment_STFD206C#page6.tif source=Assignment_STFD206C#page7.tif source=Assignment_STFD206C#page8.tif source=Assignment STFD206C#page9.tif source=Assignment_STFD206C#page10.tif source=Assignment_STFD206C#page11.tif source=Assignment_STFD206C#page12.tif source=Assignment_STFD206C#page13.tif source=Assignment_STFD206C#page14.tif source=Assignment_STFD206C#page15.tif

PATENT REEL: 043048 FRAME: 0250

ASSIGNMENT

WHEREAS, We, Omer T. Inan, residing at 150 Park Ave, Palo Alto, CA 94306; Mozziyar Etemadi, residing at 730 Escondido Rd., Mielelees #152, Stanford, California 94305; Laurent Giovangrandi, residing at 663 Channing Avenue, Palo Alto, California 94301; Gregory T. Kovacs, residing at 4174 King Arthur Court, Palo Alto, California 94306; and Richard M. Wiard, residing at 420 Via Ortega, Stanford, California 94305 made certain new and useful inventions and improvements for which we herewith execute an application for Letters Patent of the United States, entitled: SYSTEMS AND METHODS FOR MONITORING HEART FUNCTION (Attorney Docket No. STFD.206PA).

AND WHEREAS, The Board of Trustees of the Leland Stanford Junior University, a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 1705 El Camino Real, Palo Alto, California 94306-1106 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, conversions or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its

successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

	IN TESTIMONY	VHEREOF, I have hereunto set my hand on this date:
14 (day)	October (month)	- <u>2009</u> (year)
		Omer T. Inan
	IN TESTIMONY	/HEREOF, I have hereunto set my hand on this date:
(day)	(month)	
		Mozziyar Etemadi
	IN TESTIMONY V	THEREOF, I have hereunto set my hand on this date:
(day)	(month)	- <u>2009</u> (year)
		Laurent Giovangrandi

Page 2 of 3

	IN TESTIMON	Y WHEREOF, I have hereunto set my hand on this date:	ı
	(month)	- <u>2009</u> (year)	
		Gregory T. Kovacs	
	IN TESTIMON	Y WHEREOF, I have hereunto set my hand on this date:	
(day)	(month)		
		Richard M. Wiard	

Page 3 of 3

). STFD.206PA (\$07-322)

ASSIGNMENT

WHEREAS, We, Omer T. Inan, residing at 104 Hoskins Ct., Apt. 101, Stanford, ifornia 94305; Mozziyar Etemadi, residing at 1448 Funston Ave., San Francisco, California 94122; aurent Giovangrandi, residing at 663 Channing Avenue, Palo Alto, California 94301; Gregory T. Kovacs, residing at 4174 King Arthur Court, Palo Alto, California 94306; and Richard M. Wiard, residing at 420 Via Ortega, Stanford, California 94305 made certain new and useful inventions and improvements for which we herewith execute an application for Letters Patent of the United States, entitled: SYSTEMS AND METHODS FOR MONITORING HEART FUNCTION (Attorney Docket No. STFD.206PA).

AND WHEREAS, The Board of Trustees of the Leland Stanford Junior University, a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 1705 El Camino Real, Palo Alto, California 94306-1106 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, conversions or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its

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ors or assigns the entire right, title and interest in and to the improvements, inventions, ations, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and eyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, hat no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMO	NY WHEREOF, I have her	eunto set my hand on this da	nte:
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	Omer T.	Inan	

IN TESTIMONY WHEREOF, I have hereunto set my hand on this date:

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IN TESTIMONY WHEREOF, I have hereunto set my hand on this date:

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		Laurent Giovangrandi	

Page 2 of 3

	IN TESTIMON	IY WHEREOF, I ha	we hereunto set my hand on this date:	
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		Ric	hard M. Wiard	

ASSIGNMENT

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WHEREAS, We, Omer T. Inan, residing at 104 Hoskins Ct., Apt. 101, Stanford, California 94305; Mozziyar Etemadi, residing at 730 Escondido Rd., Mieielees #152, Stanford, California 94305; Laurent Giovangrandi, residing at 663 Channing Avenue, Palo Alto, California 94301; Gregory T. Kovacs, residing at 4174 King Arthur Court, Palo Alto, California 94306; and Richard M. Wiard, residing at 420 Via Ortega, Stanford, California 94305 made certain new and useful inventions and improvements for which we herewith execute an application for Letters Patent of the United States, entitled: SYSTEMS AND METHODS FOR MONITORING HEART FUNCTION (Attorney Docket No. STFD.206PA).

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NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, conversions or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its

successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

	IN TESTIMON	Y WHEREOF,	I have hereunto set my hand on this date:
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			Omer T. Inan
	N TESTIMON	Y WHEREOF.	I have hereunto set my hand on this date:
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			Mozziyar Etemadi

IN TESTIMONY WHEREOF, I have hereunto set my hand on this date:

Page 2 of 3

	IN TESTIMON	WHEREOF, I have l	nereunto set my hand on this date:	
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		Richard	d M. Wiard	

ASSIGNMENT

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AND WHEREAS, The Board of Trustees of the Leland Stanford Junior University, a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 1705 El Camino Real, Palo Alto, California 94306-1106 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, conversions or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

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		Richard M. Wiard	

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		$\overline{\mathbf{L}}_{i}$	aurent Giovangrandi

IN TESTIMONY WHEREOF, I have hereunto set my hand on this date:

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Gregory T. Kovacs

IN TESTIMONY WHEREOF, I have hereunto set my hand on this date:

14 - October - 2009 (day) (month) (year)

Richard M. Wiard

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Page 3 of 3

PATENT REEL: 043048 FRAME: 0265