

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3393702

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
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
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
<b>Street Address:</b>	3000 EL CAMINO REAL
<b>Internal Address:</b>	BUILDING 5, THIRD FLOOR
<b>City:</b>	PALO ALTO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94306
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14726069
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(651)686-7111
<i>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.</i>	
<b>Phone:</b>	651-686-6633
<b>Email:</b>	waltigney@ip-firm.com
<b>Correspondent Name:</b>	CRAWFORD MAUNU PLLC
<b>Address Line 1:</b>	1150 NORTHLAND DRIVE
<b>Address Line 2:</b>	STE 100
<b>Address Line 4:</b>	SAINT PAUL, MINNESOTA 55120
<b>ATTORNEY DOCKET NUMBER:</b>	STFD.206C2
<b>NAME OF SUBMITTER:</b>	ROBERT J. CRAWFORD
<b>SIGNATURE:</b>	/Robert J. Crawford/
<b>DATE SIGNED:</b>	06/11/2015

**Total Attachments: 15**

source=Assignment\_STFD206C2#page1.tif  
source=Assignment\_STFD206C2#page2.tif  
source=Assignment\_STFD206C2#page3.tif  
source=Assignment\_STFD206C2#page4.tif  
source=Assignment\_STFD206C2#page5.tif  
source=Assignment\_STFD206C2#page6.tif  
source=Assignment\_STFD206C2#page7.tif  
source=Assignment\_STFD206C2#page8.tif  
source=Assignment\_STFD206C2#page9.tif  
source=Assignment\_STFD206C2#page10.tif  
source=Assignment\_STFD206C2#page11.tif  
source=Assignment\_STFD206C2#page12.tif  
source=Assignment\_STFD206C2#page13.tif  
source=Assignment\_STFD206C2#page14.tif  
source=Assignment\_STFD206C2#page15.tif

### ASSIGNMENT

WHEREAS, We, Omer T. Inan, residing at 150 Park Ave, Palo Alto, CA 94306; Mozziyar Etemadi, residing at 730 Escondido Rd., Mieleles #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.

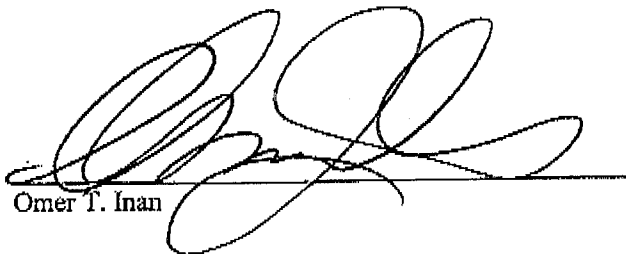
AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said 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 WHEREOF, I have hereunto set my hand on this date:

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

  
Omer T. Inan

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

\_\_\_\_ - \_\_\_\_ - 2009  
(day) (month) (year)

\_\_\_\_\_  
Mozziyar Etemadi

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

\_\_\_\_ - \_\_\_\_ - 2009  
(day) (month) (year)

\_\_\_\_\_  
Laurent Giovangrandi

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

\_\_\_\_ - \_\_\_\_ - 2009  
(day) (month) (year)

\_\_\_\_\_  
Gregory T. Kovacs

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

\_\_\_\_ - \_\_\_\_ - 2009  
(day) (month) (year)

\_\_\_\_\_  
Richard M. Wiard

STFD.206PA (S07-322)

**ASSIGNMENT**

WHEREAS, We, Omer T. Inan, residing at 104 Hoskins Ct., Apt. 101, Stanford, California 94305; Mozziyar Etemadi, residing at 1448 Funston Ave., San Francisco, California 94122; 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

STFD.206PA (S07-322)

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

\_\_\_\_ - \_\_\_\_ - 2009  
(day) (month) (year)

\_\_\_\_\_  
Omer T. Inan

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

15 - OCTOBER - 2009  
(day) (month) (year)

  
Mozziyar Etemadi

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

\_\_\_\_ - \_\_\_\_ - 2009  
(day) (month) (year)

\_\_\_\_\_  
Laurent Giovangrandi

Docket No. STFD.206PA (S07-322)

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

\_\_\_\_\_-\_\_\_\_\_-2009  
(day) (month) (year)

\_\_\_\_\_  
Gregory T. Kovacs

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

\_\_\_\_\_-\_\_\_\_\_-2009  
(day) (month) (year)

\_\_\_\_\_  
Richard M. Wiard



Packet No. STFD.206PA (S07-322)

### ASSIGNMENT

WHEREAS, We, Omer T. Inan, residing at 104 Hoskins Ct., Apt. 101, Stanford, California 94305; Mozziyar Etemadi, residing at 730 Escondido Rd., Menlo Park #152, Stanford, California 94305; Laurent Giovannardi, 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

Docket No: STFD.206PA (S07-322)

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

\_\_\_\_\_-\_\_\_\_\_-2009  
(day) (month) (year)

\_\_\_\_\_  
Omer T. Inan

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

\_\_\_\_\_-\_\_\_\_\_-2009  
(day) (month) (year)

\_\_\_\_\_  
Mozziyar Eternadi

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

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

  
\_\_\_\_\_  
Laurent Giovannardi

Docket No. STFD.206PA (S07-322)

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

\_\_\_\_\_-\_\_\_\_\_-2009  
(day) (month) (year)

\_\_\_\_\_  
Gregory T. Kovacs

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

\_\_\_\_\_-\_\_\_\_\_-2009  
(day) (month) (year)

\_\_\_\_\_  
Richard M. Wiard

## ASSIGNMENT

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 filed an application for Letters Patent of the United States, U.S. Patent Application Serial No. 12/579,264 filed on October 14, 2009, and 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 WHEREOF, I have hereunto set my hand on this date:

\_\_\_\_ - \_\_\_\_ - 2009  
(day) (month) (year)

\_\_\_\_\_  
Omer T. Inan

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

\_\_\_\_ - \_\_\_\_ - 2009  
(day) (month) (year)

\_\_\_\_\_  
Mozziyar Etemadi

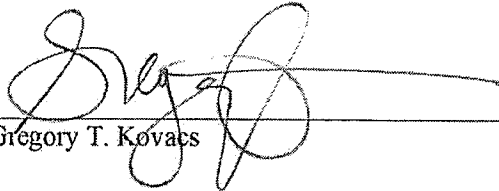
IN TESTIMONY WHEREOF, I have hereunto set my hand on this date:

\_\_\_\_ - \_\_\_\_ - 2009  
(day) (month) (year)

\_\_\_\_\_  
Laurent Giovangrandi

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

1 - DECEMBER - 2009  
(day) (month) (year)

  
\_\_\_\_\_  
Gregory T. Kovacs

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

\_\_\_\_ - \_\_\_\_\_ - 2009  
(day) (month) (year)

\_\_\_\_\_  
Richard M. Wiard

Docket No. STFD.206PA (S07-322)

**ASSIGNMENT**

WHEREAS, We, Omer T. Inan, residing at 104 Hoskins Ct., Apt. 101, Stanford, California 94305; 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 434-12 Camille Circle, San Jose, California 95134 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

Docket No. STFD.206PA (S07-322)

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

\_\_\_\_ - \_\_\_\_ - 2009  
(day) (month) (year)

\_\_\_\_\_  
Omer T. Inan

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

\_\_\_\_ - \_\_\_\_ - 2009  
(day) (month) (year)

\_\_\_\_\_  
Mozziyar Etemadi

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

\_\_\_\_ - \_\_\_\_ - 2009  
(day) (month) (year)

\_\_\_\_\_  
Laurent Giovangrandi



Docket No. STFD.206PA (S07-322)

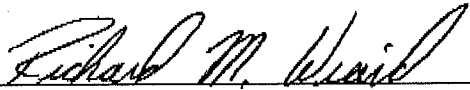
IN TESTIMONY WHEREOF, I have hereunto set my hand on this date:

\_\_\_\_ - \_\_\_\_ - 2009  
(day) (month) (year)

\_\_\_\_\_  
Gregory T. Kovacs

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

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

  
Richard M. Wiard