PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Wangcai Liao	03/10/2009
Jeffrey Stahmann	03/13/2009
Bin Mi	03/12/2009
Yunlong Zhang	03/13/2009

RECEIVING PARTY DATA

Name:	Cardiac Pacemakers, Inc.
Street Address:	4100 Hamline Avenue North
City:	Saint Paul
State/Country:	MINNESOTA
Postal Code:	55112

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12414465

CORRESPONDENCE DATA

Fax Number: (952)854-2722

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

Phone: 952.854.2700

Email: lrjohnson@hfiplaw.com

Correspondent Name: HOLLINGSWORTH & FUNK, LLC

Address Line 1: 8009 34th Avenue S.

Address Line 2: Suite 125

Address Line 4: Minneapolis, MINNESOTA 55425

ATTORNEY DOCKET NUMBER:	BSX.289.U1
NAME OF SUBMITTER:	Mark A. Hollingsworth

PATENT REEL: 022573 FRAME: 0374 H \$40,00 124144

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Total Attachments: 9 source=ExecutedAssignment#page1.tif source=ExecutedAssignment#page2.tif source=ExecutedAssignment#page3.tif source=ExecutedAssignment#page4.tif source=ExecutedAssignment#page5.tif source=ExecutedAssignment#page6.tif source=ExecutedAssignment#page7.tif source=ExecutedAssignment#page8.tif source=ExecutedAssignment#page8.tif source=ExecutedAssignment#page9.tif

PATENT REEL: 022573 FRAME: 0375

	Attorney Docket No.: BSX.289.U1	Page 1 of 3
ASSIGNMENT	First Named Inventor: Wangcai Liao	
	Title: System and Method for Detection of Pulmonary Embolism	

WHEREAS, Cardiac Pacemakers, Inc., a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 4100 Hamline Avenue North, Saint Paul, Minnesota 55112 (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, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledge, I transfer to Assignee, its successors and assigns, my entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including provisionals, divisionals, continuations, continuations-in-part, and reissues), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained. I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Wing mti	03/10	12009
Wangcai Liao	Date	:
CERTIFICATE OF ACKNOWLEDGEMENT		
STATE OF Morth Carolina) COUNTY OF Wake) SS.		
COUNTY OF Wake)		
Subscribed and sworn to before me, a Notary Public, the _\c	day of Werch	200 <u> </u> 9
Notary Public My Commission Expires 12-27-2011.		
[SEAL]		
Jeffrey Stahmann	Date	
CERTIFICATE OF ACKNOWLEDGEMENT	•	
STATE OF)		•
COUNTY OF) SS.		
Subscribed and sworn to before me, a Notary Public, the	day of	200
Notary Public		
[SEAL]		

Bin Mi	Date	<u></u>
CERTIFICATE OF ACKNOWLEDGEMENT		
STATE OF)		
COUNTY OF) SS.		
Subscribed and sworn to before me, a Notary Public, the	day of	200
Notary Public		
[SEAL]		
·		
Yunlong Zhang	Date	
CERTIFICATE OF ACKNOWLEDGEMENT		
STATE OF)		
COUNTY OF) SS.		
Subscribed and sworn to before me, a Notary Public, the	day of	200
Notary Public		

BSX.289.U1 (07-1083) Assignment

[SEAL]

	Attorney Docket No.: BSX.289.U1	Page 1 of 3
ASSIGNMENT	First Named Inventor: Wangcai Liao	
	Title: System and Method for Detection of Pulmonary Embolism	

WHEREAS, I, Wangcai Liao, a Chinese citizen, residing at 403 Euphoria Circle, Cary, NC 27519; Jeffrey Stahmann, a U.S. citizen, residing at 4850 154th Lane NW, Ramsey, MN 55303; Bin Mi, a Chinese citizen, residing at 11225 42nd Avenue North, Plymouth, MN 55441; and Yunlong Zhang, a Canadian. citizen, residing at 8250 Greenwood Drive, Mounds View, MN 55112, have invented certain new and useful improvements as described in an application entitled SYSTEM AND METHOD FOR DETECTION OF PULMONARY EMBOLISM, in which an application was made for Letters Patent of the United States, the application having been executed herewith, and/or being identified in the United States Patent and Trademark Office by Application No. _/2/4/4, 465_, filed __03/30/309; and

WHEREAS, Cardiac Pacemakers, Inc., a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 4100 Hamline Avenue North, Saint Paul, Minnesota 55112 (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, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledge, I transfer to Assignee, its successors and assigns, my entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including provisionals, divisionals, continuations, continuations-in-part, and reissues), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained. I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

PATENT REEL: 022573 FRAME: 0379 I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Wangcai Liao		Date
CERTIFICATE OF ACKNOWLEDG	EMENT	
STATE OF	_)	
COUNTY OF) SS.)	
Subscribed and sworn to before n	ne, a Notary Public, the	day of 200
Notary Public		
[SEAL]		
Jeffrey Stahmann	h	3-13-2609 Date
STATE OF COUNTY OF COUNTY OF	EMENT)	•
Subscribed and sworn to before m	e, a Notary Public, the 13 d	ay of <u>MWM</u> 200 <u>9</u> .
[SEAL]	PAULA MICHELLE SUCHY NOTARY PUBLIC - MINNESOTA My Commission Expires Jan. 31, 2010	

PATENT REEL: 022573 FRAME: 0380

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BSX.289.U1 (07-1083) Assignment		
Bin Mi Bin Mi	3 /rz/	109
CERTIFICATE OF ACKNOWLEDGEMENT STATE OF COUNTY OF SS.		
Subscribed and sworn to before me a Notary Public, the day of Notary Public	March	_200 <u>9</u> .
[SEAL]		
Yunlong Zhang	Date	
CERTIFICATE OF ACKNOWLEDGEMENT	,	
STATE OF)		
COUNTY OF) SS.		•
Subscribed and sworn to before me, a Notary Public, the day of _		200
Notary Public		

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[SEAL]

PATENT

REEL: 022573 FRAME: 0381

	Attorney Docket No.: BSX.289.U1	Page 1 of 3	
ASSIGNMENT	First Named Inventor: Wangcai Liao)	
	Title: System and Method for Detection of Pulmonary Embolism		

WHEREAS, I, Wangcai Liao, a Chinese citizen, residing at 403 Euphoria Cirole, Cary, NC 27519; Jeffrey Stahmann, a U.S. citizen, residing at 4850 154th Lane NW, Ramsey, MN 55303; Bin Mi, a Chinese citizen, residing at 11225 42nd Avenue North, Plymouth, MN 55441; and Yunlong Zhang, a Canadian. citizen, residing at 8250 Greenwood Drive, Mounds View, MN 55112, have invented certain new and useful improvements as described in an application entitled SYSTEM AND METHOD FOR DETECTION OF PULMONARY EMBOLISM, in which an application was made for Letters Patent of the United States, the application having been executed herewith, and/or being identified in the United States Patent and Trademark Office by Application No. 12/4/4, 465, filed 63/30/2009; and

WHEREAS, Cardiac Pacemakers, Inc., a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 4100 Hamline Avenue North, Saint Paul, Minnesota 55112 (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, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledge, I transfer to Assignee, its successors and assigns, my entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including provisionals, divisionals, continuations, continuations-in-part, and reissues), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained. I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

BSX.289.U1 (07-1083) Assignment

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Wangcai Liao	Date	
CERTIFICATE OF ACKNOWLEDGEMENT		
STATE OF)		
STATE OF) SS. COUNTY OF)		
Subscribed and sworn to before me, a Notary Public, the	day of	200
Notary Public		
[SEAL]		
Jeffrey Stahmann	Date	
CERTIFICATE OF ACKNOWLEDGEMENT		
STATE OF)		
STATE OF) SS. COUNTY OF)		
Subscribed and sworn to before me, a Notary Public, the	day of	200
Notary Public		
[SEAL]		

BSX.289.U1 (07-1083) Assignment	
Bin Mi	Date
CERTIFICATE OF ACKNOWLEDGEMENT	
STATE OF)	
COUNTY OF) SS.	
Subscribed and sworn to before me, a Notary Public, the day of	200
Notary Public	
[SEAL]	
Yunlong Zhang	3-13-09 Date
Hannacin)ss.	LIA ALEXANDER SOUROVA NOTARY PUBLIC MINNESOTA dy Complesion Expires Jan 31, 2019
Subscribed and sworn to before me, a Notary Public, the 13th day of Matalia Lourage Notary Public	<u>March</u> 2009

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[SEAL]