

TRADEMARKS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies): CardioKinetix, Inc. 925 Hamilton Ave Menlo Park, CA 94025

2. Name and address of receiving party(ies): Name: Silicon Valley Bank Internal Address: Street Address: 3003 Tasman Drive City: Santa Clara State: CA Country: USA Zip: 95054

3. Nature of conveyance/ Execution Date(s): Execution Date(s): March 5, 2012

Additional name(s) of conveying parties attached? [] Yes [x] No [] Association Citizenship [] General Partnership Citizenship [] Limited Partnership Citizenship [x] Corporation Citizenship : United States, CA [] Other Citizenship If assignee is not domiciled in the United States, a domestic representative designation is attached: [] Yes [x] No (Designations must be a separate document from assignment)

4. Application number(s) or registration number(s) and identification or description of the Trademark:

A. Trademark Application No.(s)

B. Trademark Registration No.(s) 77649376

C. Identification or Description of Trademark(s) (and Filing Date if Application or Registration Number is unknown): Additional sheets attached? [] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: UCC Direct Services Internal Address: Attn: 14080632 Street Address: 187 Wolf Road, Suite 101 City: Albany State: NY ZIP: 12205 Phone Number: 1-800-342-3676 X 4065 Fax Number: 1-800-962-7049 Email Address: cjs-udsalbany@wolterskluwer.com

6. Total number of applications and registrations involved: 1 7. Total fee (37 CFR 2.6 (b)(6) & 3.41): \$ 40.00 [x] Authorized to be charged by credit card [] Authorized to be charged to deposit account [] Enclosed 8. Payment Information: a. Credit Card Last 4 Numbers 1640 Expiration Date 10/13 b. Deposit Account Number Authorized User Name

9. Signature. [Signature] Signature Joseph D Borgman Name of Person Signing

3/12/12 Date Total number of pages including cover sheet, attachments, and document:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

OP \$40.00 77649376

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of the Effective Date by and between SILICON VALLEY BANK ("Bank") and CARDIOKINETIX INC. ("Grantor").

RECITALS

A. Bank has made certain advances of money and extended certain financial accommodations to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated the Effective Date (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement). Under the Loan Agreement, Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of Grantor under the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its Intellectual Property (including without limitation those Copyrights, Patents, Trademarks and Mask Works listed on Schedules A, B, C, and D hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions, continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address of Grantor:

CARDIOKINETIX INC.

3698 Haven Ave., Suite #B
Redwood City, CA 94063
Attn: Richard DeYoung

By: _____

Title: _____

BANK:

Address of Bank:

SILICON VALLEY BANK

2400 Hanover Street
Palo Alto, California 94304
Attn: Justin Pirzadeh

By: _____

Title: _____

EXHIBIT A

Copyrights

Description

Registration/
Application
Number

Registration/
Application
Date

NONE

EXHIBIT B

Patents

<u>Description</u>	<u>Registration/ Application/ Publication Number</u>	<u>Registration/ Application/ Publication Date</u>
CARDIAC DEVICE AND METHODS OF USE THEREOF	2007/333895 (AU)	20MAY2009
CARDIAC DEVICE AND METHODS OF USE THEREOF	2,671,974 (CA)	04JUN2009
CARDIAC DEVICE AND METHODS OF USE THEREOF	2009/541604 (JP)	12JUN2009
CARDIAC DEVICE AND METHODS OF USE THEREOF	2,091,588 (EP)	26AUG2009
CARDIAC DEVICE AND METHODS OF USE THEREOF	12/691,587	22JAN2010
CARDIAC DEVICE AND METHODS OF USE THEREOF	7,674,222	09MAR2010
DELIVERY CATHETER HANDLE COVER	12/703598	10FEB2010
DELIVERY CATHETER HANDLE COVER	10250257.2 (EP)	15FEB2010
DEVICE FOR IMPROVING CARDIAC FUNCTION	2,494,505 (CA)	01AUG2002
DEVICE FOR IMPROVING CARDIAC FUNCTION	1,539,034 (EP)	15JUN2005
DEVICE FOR IMPROVING CARDIAC FUNCTION	7,303,526	04DEC2007
DEVICE FOR IMPROVING CARDIAC FUNCTION	4,397,809 (JP)	30OCT2009
DEVICES AND METHODS FOR DELIVERING AN ENDOCARDIAL DEVICE	61/246920	29SEP2009
DEVICES AND METHODS FOR DELIVERING AN ENDOCARDIAL DEVICE	PCT/US2009/06797 8	15DEC2009
DEVICES AND METHODS FOR DELIVERING AN ENDOCARDIAL DEVICE	2011/0264204	27OCT2011
INFLATABLE VENTRICULAR PARTITIONING DEVICE	2005/0197716	08SEP2005
INFLATABLE VENTRICULAR PARTITIONING DEVICE	2009/0187063	23JUL2009
METHOD FOR IMPROVING CARDIAC FUNCTION	6,852,076	08FEB2005

<u>Description</u>	<u>Registration/ Application/ Publication Number</u>	<u>Registration/ Application/ Publication Date</u>
METHOD FOR IMPROVING CARDIAC FUNCTION	2007/0213578	13SEP2007
METHOD FOR IMPROVING CARDIAC FUNCTION	2007/0213815	13SEP2007
METHOD FOR IMPROVING CARDIAC FUNCTION	7,279,007	09OCT2007
METHOD FOR TREATING MYOCARDIAL RUPTURE	2006/280120 (AU)	07AUG2006
METHOD FOR TREATING MYOCARDIAL RUPTURE	2,617,949 (CA)	07AUG2006
METHOD FOR TREATING MYOCARDIAL RUPTURE	2006/0229491	12OCT2006
METHOD FOR TREATING MYOCARDIAL RUPTURE	1,922,023 (EP)	21MAY2008
METHOD FOR TREATING MYOCARDIAL RUPTURE	2009/504255A (JP)	05FEB2009
METHOD OF IMPROVING CARDIAC FUNCTION USING A POROUS MEMBRANE	2003/0105384	05JUN2003
MULTIPLE PARTITIONING DEVICES FOR HEART TREATMENT	2006/0014998	19JAN2006
MULTIPLE PARTITIONING DEVICES FOR HEART TREATMENT	2006/257973 (AU)	08JUN2006
MULTIPLE PARTITIONING DEVICES FOR HEART TREATMENT	2,613,197 (CA)	08JUN2006
MULTIPLE PARTITIONING DEVICES FOR HEART TREATMENT	1,893,127 (EP)	05MAR2008
MULTIPLE PARTITIONING DEVICES FOR HEART TREATMENT	2008/545510A (JP)	18DEC2008
PERIPHERAL SEAL FOR A VENTRICULAR PARTITIONING DEVICE	2006/257971 (AU)	08JUN2006
PERIPHERAL SEAL FOR A VENTRICULAR PARTITIONING DEVICE	2,613,196 (CA)	08JUN2006

<u>Description</u>	<u>Registration/ Application/ Publication Number</u>	<u>Registration/ Application/ Publication Date</u>
PERIPHERAL SEAL FOR A VENTRICULAR PARTITIONING DEVICE	1,893,124 (EP)	05MAR2008
PERIPHERAL SEAL FOR A VENTRICULAR PARTITIONING DEVICE	2008/545509A (JP)	18DEC2008
PERIPHERAL SEAL FOR A VENTRICULAR PARTITIONING DEVICE	7,582,051	01SEP2009
PERIPHERAL SEAL FOR A VENTRICULAR PARTITIONING DEVICE	2009/0287040	19NOV2009
RETRIEVABLE CARDIAC IMPLANTS	2009/0054723	26FEB2009
RETRIEVABLE CARDIAC IMPLANTS	2010/0048987	25FEB2010
RETRIEVABLE CARDIAC IMPLANTS	WO 2010/024801	14MAR2010
SEALING AND FILLING VENTRICULAR PARTITIONING DEVICES TO IMPROVE CARDIAC FUNCTION	PCT/US2009/04019 3	10APR2009
SEALING AND FILLING VENTRICULAR PARTITIONING DEVICES TO IMPROVE CARDIAC FUNCTION	12/422,177	10APR2009
SYSTEM FOR IMPROVING CARDIAC FUNCTION	2004/238353 (AU)	11MAY2004
SYSTEM FOR IMPROVING CARDIAC FUNCTION	2,525,433 (CA)	11MAY2004
SYSTEM FOR IMPROVING CARDIAC FUNCTION	1,643,915 (EP)	12APR2006
SYSTEM FOR IMPROVING CARDIAC FUNCTION	2006/0264980	23NOV2006
SYSTEM FOR IMPROVING CARDIAC FUNCTION	2009/0062601	05MAR2009
SYSTEM FOR IMPROVING CARDIAC FUNCTION	2011/200659 (JP)	13OCT2011
SYSTEM FOR IMPROVING CARDIAC FUNCTION	2007/502689A (JP)	28NOV2011
SYSTEM FOR IMPROVING CARDIAC FUNCTION BY SEALING A PARTITIONING MEMBRANE WITHIN A VENTRICLE	2009/0254195	08OCT2009

<u>Description</u>	<u>Registration/ Application/ Publication Number</u>	<u>Registration/ Application/ Publication Date</u>
THERAPEUTIC METHODS AND DEVICES FOLLOWING MYOCARDIAL INFARCTION	2008/0319254	25DEC2008
VENTRICULAR PARTITIONING DEVICE	2,559,320 (CA)	05JAN2005
VENTRICULAR PARTITIONING DEVICE	2006/549376 (JP)	05JAN2005
VENTRICULAR PARTITIONING DEVICE	1,708,642 (EP)	11OCT2006
VENTRICULAR PARTITIONING DEVICE	2,275,509 (CA)	22JAN2007
VENTRICULAR PARTITIONING DEVICE	2005/271261 (AU)	30JAN2007
VENTRICULAR PARTITIONING DEVICE	1,781,186 (EP)	09MAY2007
VENTRICULAR PARTITIONING DEVICE	2008/0071298	09MAR2008
VENTRICULAR PARTITIONING DEVICE	2008/508955A (JP)	27MAR2008
VENTRICULAR PARTITIONING DEVICE	7,399,271	15JUL2008
VENTRICULAR PARTITIONING DEVICE	2008/0228205	18SEP2008
VENTRICULAR PARTITIONING DEVICE	2011/189140 (JP)	05OCT2011
VENTRICULAR VOLUME REDUCTION	61/255018	26OCT2009

EXHIBIT C

Trademarks

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
"PARACHUTE"	77649376	14JAN2009
"Parachute"	85434786(EU)	28SEP2011

EXHIBIT D

Mask Works

Description

Registration/
Application
Number

Registration/
Application
Date

NONE