

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:   | NEW ASSIGNMENT                       |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
|--|--------------------------------------|------|----------------|---------------|------------|-------------------|------------|-----------------|------------|---------------|------------|-------------|------------|-------------|------------|------------|------------|-------------|------------|------------|------------|----------------|------------|-----------------|------------|--------------|------------|--------------|------------|--------------------|------------|-----------|------------|-----------------|------------|------------------|------------|-----------------|------------|--------------|------------|---------------|------------|--------------|------------|---------------|------------|---------------|------------|
| NATURE OF CONVEYANCE:  | ASSIGNMENT                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| <b>CONVEYING PARTY DATA</b>  |                                      |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr><td>Naomi Buckley</td><td>12/12/2011</td></tr> <tr><td>Benjamin J. Clark</td><td>12/02/2011</td></tr> <tr><td>Michael Cummins</td><td>12/12/2011</td></tr> <tr><td>Danny Donovan</td><td>12/13/2011</td></tr> <tr><td>Luke Hughes</td><td>12/08/2011</td></tr> <tr><td>Brian Kelly</td><td>12/12/2011</td></tr> <tr><td>Gary Kelly</td><td>12/07/2011</td></tr> <tr><td>Grace Kelly</td><td>12/12/2011</td></tr> <tr><td>John Kelly</td><td>12/07/2011</td></tr> <tr><td>Seamus Ledwith</td><td>12/13/2011</td></tr> <tr><td>Gwenda McMullin</td><td>12/08/2011</td></tr> <tr><td>Stephen Nash</td><td>12/07/2011</td></tr> <tr><td>Karun D Naga</td><td>11/29/2011</td></tr> <tr><td>Francesco Piccagli</td><td>12/20/2011</td></tr> <tr><td>Eric Ryba</td><td>11/29/2011</td></tr> <tr><td>Fiachra Sweeney</td><td>12/11/2011</td></tr> <tr><td>Vincenzo Tilotta</td><td>12/08/2011</td></tr> <tr><td>Roman Turovskiy</td><td>12/02/2011</td></tr> <tr><td>Lana Woolley</td><td>12/07/2011</td></tr> <tr><td>Denise Zarins</td><td>11/29/2011</td></tr> <tr><td>Mark Gelfand</td><td>12/16/2011</td></tr> <tr><td>Mark S. Leung</td><td>12/07/2011</td></tr> <tr><td>Barry Mullins</td><td>01/05/2012</td></tr> </tbody> </table> |                                      | Name | Execution Date | Naomi Buckley | 12/12/2011 | Benjamin J. Clark | 12/02/2011 | Michael Cummins | 12/12/2011 | Danny Donovan | 12/13/2011 | Luke Hughes | 12/08/2011 | Brian Kelly | 12/12/2011 | Gary Kelly | 12/07/2011 | Grace Kelly | 12/12/2011 | John Kelly | 12/07/2011 | Seamus Ledwith | 12/13/2011 | Gwenda McMullin | 12/08/2011 | Stephen Nash | 12/07/2011 | Karun D Naga | 11/29/2011 | Francesco Piccagli | 12/20/2011 | Eric Ryba | 11/29/2011 | Fiachra Sweeney | 12/11/2011 | Vincenzo Tilotta | 12/08/2011 | Roman Turovskiy | 12/02/2011 | Lana Woolley | 12/07/2011 | Denise Zarins | 11/29/2011 | Mark Gelfand | 12/16/2011 | Mark S. Leung | 12/07/2011 | Barry Mullins | 01/05/2012 |
| Name   | Execution Date                       |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Naomi Buckley  | 12/12/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Benjamin J. Clark  | 12/02/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Michael Cummins  | 12/12/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Danny Donovan  | 12/13/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Luke Hughes  | 12/08/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Brian Kelly  | 12/12/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Gary Kelly   | 12/07/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Grace Kelly  | 12/12/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| John Kelly   | 12/07/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Seamus Ledwith   | 12/13/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Gwenda McMullin  | 12/08/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Stephen Nash   | 12/07/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Karun D Naga   | 11/29/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Francesco Piccagli   | 12/20/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Eric Ryba  | 11/29/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Fiachra Sweeney  | 12/11/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Vincenzo Tilotta   | 12/08/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Roman Turovskiy  | 12/02/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Lana Woolley   | 12/07/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Denise Zarins  | 11/29/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Mark Gelfand   | 12/16/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Mark S. Leung  | 12/07/2011                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Barry Mullins  | 01/05/2012                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| <b>RECEIVING PARTY DATA</b>  |                                      |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Name:  | Medtronic Ardian Luxembourg S.a.r.l. |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| Street Address:  | 102 rue des Maraichers               |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| City:  | Luxembourg                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |
| State/Country:   | LUXEMBOURG                           |      |                |               |            |                   |            |                 |            |               |            |             |            |             |            |            |            |             |            |            |            |                |            |                 |            |              |            |              |            |                    |            |           |            |                 |            |                  |            |                 |            |              |            |               |            |              |            |               |            |               |            |

CH \$40.00 13279327

Postal Code: L2124

PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 13279327 |

CORRESPONDENCE DATA

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*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*  
Correspondent Name: MEDTRONIC VASCULAR, INC. IP LEGAL DEPART  
Address Line 1: 3576 UNOCAL PLACE  
Address Line 4: SANTA ROSA, CALIFORNIA 95403

ATTORNEY DOCKET NUMBER: P0041118.USU17

NAME OF SUBMITTER: Janene Leighton

Total Attachments: 24

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## ASSIGNMENT

WHEREAS, we, **NAOMI BUCKLEY; BENJAMIN J. CLARK; MICHAEL CUMMINS; DANNY DONOVAN; LUKE HUGHES; BRIAN KELLY; GARY KELLY; GRACE KELLY; JOHN KELLY; SEAMUS LEDWITH; GWENDA MCMULLIN; STEPHEN NASH; KARUN D. NAGA; FRANCESCO PICCAGLI; ERIC RYBA; FIACHRA SWEENEY; VICENZO TILOTTA; ROMAN TUROVSKIY; LANA WOOLLEY; DENISE ZARINS; MARK GELFAND; MARK S. LEUNG; BARRY MULLINS**, are the inventors of "NEUROMODULATION CRYOTHERAPEUTIC DEVICES AND ASSOCIATED SYSTEMS AND METHODS", filed on **October 23, 2011**, U.S. Application, Serial No. **13/279,327** executed by the undersigned on the dates written below; and

WHEREAS, **MEDTRONIC ARDIAN LUXEMBOURG S.a.r.l.** having a place of business at 102 rue des Maraichers, Luxembourg, Luxembourg L2124 hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in and to said invention for the United States and for all foreign countries and in and to any and all foreign and domestic Letters Patent which may be granted therefor;

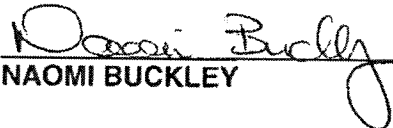
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor including our rights under the International Convention for the Protection of Industrial Property, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Letters Patent that may be granted, the same to be held and enjoyed by ASSIGNEE for its own use and behoof and use and behoof of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made;

AND, for the consideration aforesaid, we materially represent to ASSIGNEE, its successors and assigns, that at the time of the execution and delivery of these presents, we are the sole lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above mentioned, and that the same are unencumbered, and that we have good right and lawful authority to sell and convey the same in the manner herein set forth;

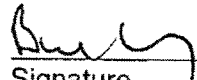
AND, for the consideration aforesaid, we hereby individually covenant and agree to and with ASSIGNEE, its successors and assigns, that whenever its counsel or the counsel of its successors or assigns, learned in the law, shall advise that an amendment or division of, or continuation or any continuation-in-part thereof, or any other proceeding in connection with the filing or prosecution of said domestic or foreign patent applications, including interference proceedings, is lawful and desirable, or that a reissue of extension of said Letters Patent is lawful and desirable, we, or our executors, administrators or assigns will sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue or extension of the same, without charge to ASSIGNEE, its successors or assigns, but at ASSIGNEE'S expense.

We hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 12 day of Dec, 2011.

  
\_\_\_\_\_  
NAOMI BUCKLEY

WITNESS BY:

  
\_\_\_\_\_  
Signature 12<sup>th</sup> Dec 2011

~~12<sup>th</sup> Dec 2011~~ Brian Kelly  
\_\_\_\_\_  
Name

IN WITNESS WHEREOF, I have hereunto set my hand on this 2 day of Dec, 2011.

*Ben J Clark*  
BENJAMIN J. CLARK

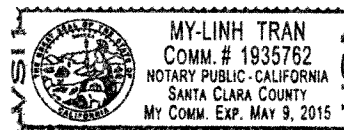
State of california

County of santa clara

On 12/2/2011 before me, My-Linh Tran, Notary Public, personally appeared **BENJAMIN J. CLARK**, who proved to me on the basis of satisfactory evidence to be the person ~~(s)~~ whose names ~~(s)~~ (is) are subscribed to the within instrument and acknowledged to me that (he) she/they executed the same in (his) her/their authorized capacity ~~(ies)~~, and that by (his) her/their signature ~~(s)~~ on the instrument the person ~~(s)~~, or the entity upon behalf of which the person ~~(s)~~ acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of california that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature *My-Linh Tran* (Seal)

IN WITNESS WHEREOF, I have hereunto set my hand on this 12<sup>th</sup> day of Dec, 2011.

Michael C  
MICHAEL CUMMINS

WITNESS BY: John Geraghty  
Signature  
JOHN GERAGHTY  
Name

IN WITNESS WHEREOF, I have hereunto set my hand on this 13 day of DEC, 2011.

  
\_\_\_\_\_  
**DANNY DONOVAN**

WITNESS BY: Michael C  
Signature  
Michael Cummins  
Name

IN WITNESS WHEREOF, I have hereunto set my hand on this 8<sup>th</sup> day of Dec, 2011.


  
\_\_\_\_\_  
LUKE HUGHES

WITNESS BY:   
Signature

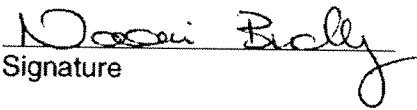
ERLA CURRAN  
Name



IN WITNESS WHEREOF, I have hereunto set my hand on this 12 day of Dec, 2011.

  
BRIAN KELLY

WITNESS BY:

  
Signature

NAOMI BUCKLEY  
Name

IN WITNESS WHEREOF, I have hereunto set my hand on this 7 day of 12, 2011.

  
GARY KELLY

State of California

County of Sonoma


On 12-7-11 before me, Janene L. Leighton, Notary Public, personally appeared **GARY KELLY**, who proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

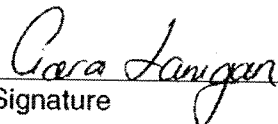
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

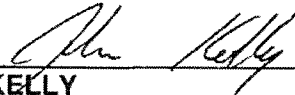
Signature Janene L. Leighton (Seal)

IN WITNESS WHEREOF, I have hereunto set my hand on this 12 day of Dec, 2011.

  
\_\_\_\_\_  
GRACE KELLY

WITNESS BY:   
Signature  
CIARA LANIGAN  
Name

IN WITNESS WHEREOF, I have hereunto set my hand on this 2<sup>nd</sup> day of DEC, 2011.

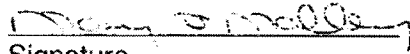
  
\_\_\_\_\_  
JOHN KELLY

WITNESS BY: Mary J Malley  
Signature  
MARY J MALLEY  
Name

IN WITNESS WHEREOF, I have hereunto set my hand on this 13 day of Dec, 2011.

  
SEAMUS LEDWITH

WITNESS BY:

  
Signature

MARY O'MALLEY  
Name

IN WITNESS WHEREOF, I have hereunto set my hand on this 8<sup>th</sup> day of Dec, 2011.

Gwenda McMullin  
GWENDA MCMULLIN

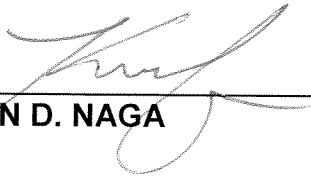
WITNESS BY: Lana Woolley  
Signature  
Lana Woolley  
Name

IN WITNESS WHEREOF, I have hereunto set my hand on this 7<sup>th</sup> day of Dec, 2011.

Stephen Nash  
STEPHEN NASH

WITNESS BY: Mary O Malley  
Signature  
MARY O MALLEY  
Name

IN WITNESS WHEREOF, I have hereunto set my hand on this 29<sup>th</sup> day of November, 2011.

  
\_\_\_\_\_  
**KARUN D. NAGA**

State of CALIFORNIA

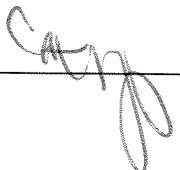
County of SANTA CLARA

On November 29 2011 before me, Cathy M. Wong, Notary Public, personally appeared **KARUN D. NAGA**, who proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of CALIFORNIA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



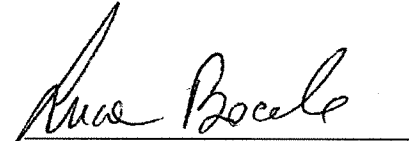
Signature  (Seal)



IN WITNESS WHEREOF, I have hereunto set my hand on this 20<sup>th</sup> day of December, 2011.

  
FRANCESCO PICCAGLI

WITNESS BY:

  
Signature

LUCA BROCCOLO  
Name

IN WITNESS WHEREOF, I have hereunto set my hand on this 29<sup>th</sup> day of Nov, 2011.

Eric Ryba  
ERIC RYBA

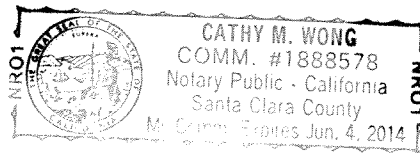
State of CALIFORNIA

County of SANTA CLARA

On November 29 2011 before me, Cathy M. Wong, Notary Public, personally appeared **ERIC RYBA**, who proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

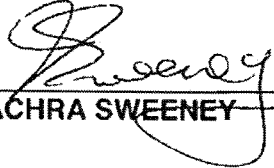
I certify under PENALTY OF PERJURY under the laws of the State of CALIFORNIA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Cathy (Seal)

IN WITNESS WHEREOF, I have hereunto set my hand on this 11 day of Dec, 2011.

  
\_\_\_\_\_  
FIACHRA SWEENEY

WITNESS BY:

  
\_\_\_\_\_  
Signature

Jim PHELAN  
\_\_\_\_\_  
Name

IN WITNESS WHEREOF, I have hereunto set my hand on this 8<sup>TH</sup> day of DEC, 2011.

  
\_\_\_\_\_  
VIGENZO-TILOTTA

VINCENZO  
VT  
8 DEC 2011

WITNESS BY:

  
\_\_\_\_\_  
Signature

JOAN KELLY  
\_\_\_\_\_  
Name

IN WITNESS WHEREOF, I have hereunto set my hand on this 2 day of Dec, 2011.

  
ROMAN TUROVSKIY

State of california

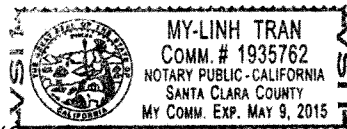
County of santa clara

On 12/2/2011 before me, My-Linh Tran, Notary Public, personally appeared **ROMAN TUROVSKIY**, who proved to me on the basis of satisfactory evidence to be the person~~s~~ whose names~~s~~ is are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity~~(ies)~~, and that by his/her/their signature~~s~~ on the instrument the person~~s~~, or the entity upon behalf of which the person~~s~~ acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of california that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature 



(Seal)

IN WITNESS WHEREOF, I have hereunto set my hand on this 7 day of Dec, 2011.

Lana Woolley  
LANA WOOLLEY

WITNESS BY: Ronan Wood  
Signature

Ronan Wood  
Name

IN WITNESS WHEREOF, I have hereunto set my hand on this 29<sup>th</sup> day of November, 2011.

Denise Zarins  
DENISE ZARINS

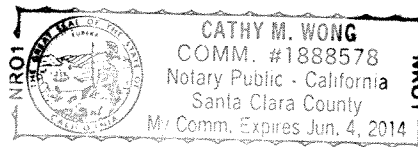
State of CALIFORNIA

County of SANTA CLARA

On November 29, 2011 before me, Cathy M. Wong, Notary Public, personally appeared **DENISE ZARINS**, who proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.


I certify under PENALTY OF PERJURY under the laws of the State of CALIFORNIA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Cathy (Seal)

IN WITNESS WHEREOF, I have hereunto set my hand on this \_\_\_\_ day of \_\_\_\_\_, 2011.

  
\_\_\_\_\_  
**MARK GELFAND**

State of New York

County of New York

On 16<sup>th</sup> Dec. 2011 before me, RAYMOND FUNG, Notary Public, personally appeared **MARK GELFAND**, who proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of New York that the foregoing paragraph is true and correct.

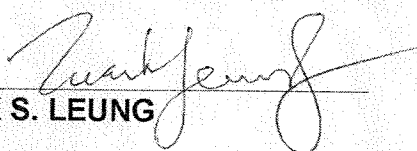
WITNESS my hand and official seal.

Signature Raymond Fung (Seal)

Raymond Fung  
Notary Public State of New York  
No. 01FU6187447  
Qualified in New York County  
Commission Expires May 19, 2012



IN WITNESS WHEREOF, I have hereunto set my hand on this 7 day of Dec, 2011.

  
\_\_\_\_\_  
MARK S. LEUNG

WITNESS BY:   
\_\_\_\_\_  
Signature

  
\_\_\_\_\_  
Name

IN WITNESS WHEREOF, I have hereunto set my hand on this 5<sup>th</sup> day of January, ~~2011~~ 2012

  
BARRY MULLINS


State of \_\_\_\_\_


County of \_\_\_\_\_

On 16 JAN 2012 before me, CHRIS TAYLOR, ~~Notary Public~~,  
 personally appeared **BARRY MULLINS**, who proved to me on the basis of satisfactory  
 evidence to be the person(s) whose names(s) is/are subscribed to the within instrument  
 and acknowledged to me that he/she/they executed the same in his/her/their authorized  
 capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or  
 the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of \_\_\_\_\_  
 that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)

  
**St George's**  
 University of London