

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | | | |
|--|-----------------------------|---------------|----------------|---------------------|------------|-----------------------|------------|----------------|------------|------------------|------------|-------------------|------------|------------------------|------------|-----------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Peter Buchwald</td> <td>10/08/2009</td> </tr> <tr> <td>Christopher A. Fraker</td> <td>09/30/2009</td> </tr> <tr> <td>Luca Inverardi</td> <td>10/01/2009</td> </tr> <tr> <td>Norma Sue Kenyon</td> <td>10/08/2009</td> </tr> <tr> <td>Antonello Pileggi</td> <td>09/30/2009</td> </tr> <tr> <td>Cheryl Staler Anderson</td> <td>09/30/2009</td> </tr> <tr> <td>Camillo Ricordi</td> <td>10/06/2009</td> </tr> </tbody> </table> | | Name | Execution Date | Peter Buchwald | 10/08/2009 | Christopher A. Fraker | 09/30/2009 | Luca Inverardi | 10/01/2009 | Norma Sue Kenyon | 10/08/2009 | Antonello Pileggi | 09/30/2009 | Cheryl Staler Anderson | 09/30/2009 | Camillo Ricordi | 10/06/2009 |
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| Cheryl Staler Anderson | 09/30/2009 | | | | | | | | | | | | | | | | |
| Camillo Ricordi | 10/06/2009 | | | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | | | |
| Name: | University of Miami | | | | | | | | | | | | | | | | |
| Street Address: | 1475 Northwest 12th Avenue | | | | | | | | | | | | | | | | |
| Internal Address: | Suite 2012 | | | | | | | | | | | | | | | | |
| City: | Miami | | | | | | | | | | | | | | | | |
| State/Country: | FLORIDA | | | | | | | | | | | | | | | | |
| Postal Code: | 33136 | | | | | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12524918</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12524918 | | | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | | | |
| Application Number: | 12524918 | | | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | | | |
| Fax Number: | (617)235-9492 | | | | | | | | | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | | | | | | | |
| Email: | maria.marley@ropesgray.com | | | | | | | | | | | | | | | | |
| Correspondent Name: | Maria E. Marley | | | | | | | | | | | | | | | | |
| Address Line 1: | Ropes & Gray, LLP | | | | | | | | | | | | | | | | |
| Address Line 2: | 1211 Avenue of the Americas | | | | | | | | | | | | | | | | |
| Address Line 4: | New York, NEW YORK 10036 | | | | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 104957-0003-101 | | | | | | | | | | | | | | | | |

CH \$40.00 12524918

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PATENT
REEL: 023467 FRAME: 0110

NAME OF SUBMITTER:

Maria E. Marley

Total Attachments: 6

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ASSIGNMENT

I/We,

- (1) Peter Buchwald;
- (2) Christopher A. Fraker;
- (3) Luca Inverardi;
- (4) Norma Sue Kenyon;
- (5) Antonello Pileggi;
- (6) Cheryl Stabler Anderson; and
- (7) Camillo Ricordi;

residing, respectively, at

- (1) 16412 Sapphire Place
Weston, FL 33331, USA;
- (2) 3217 McKinley Street
Hollywood, FL 33021, USA;
- (3) 4445 Royal Palm Avenue
Miami Beach, FL 33140, USA;
- (4) 6896 Southwest 99th Terrace
Miami, FL 33156, USA;
- (5) 2780 Northeast 183rd Street, Apt. #602
Aventura, FL 33160, USA;
- (6) 100 Sarto Avenue
Coral Gables, FL 33134, USA; and
- (7) 3734 Matheson Avenue
Miami, FL 33133, USA;

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to and do hereby assign, sell and transfer to UNIVERSITY OF MIAMI, a entity organized and existing under the laws of the Florida and having an office and a place of business at 1475 Northwest 12th Avenue, Suite 2012, Miami, Florida 33136, USA, its successors and assigns (1) the entire right, title and interest in the United States and in all countries throughout the world in and to any and all my/our inventions and discoveries disclosed in the application for Letters Patent in the United States entitled: "THERAPEUTIC HYBRID IMPLANTABLE DEVICES", and filed in the United States Patent and Trademark Office on July 29, 2009, under Serial Number 12/524,918, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of UNIVERSITY OF MIAMI its designee, or in my/our names at UNIVERSITY OF MIAMI or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any other country of the world and any renewals, revivals, reissues, reexaminations and extensions of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.


I/We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to UNIVERSITY OF MIAMI as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.


I/We agree, at any time, upon the request of UNIVERSITY OF MIAMI to execute and to deliver to UNIVERSITY OF MIAMI any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters

Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

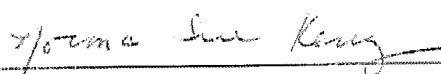
I/We further agree at any time to execute and to deliver upon request of UNIVERSITY OF MIAMI such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of UNIVERSITY OF MIAMI under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

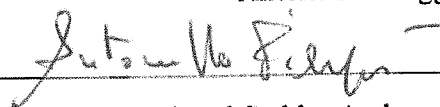
ASSIGNORS:


Peter Buchwald (1)


Christopher A. Fraker (2)


Luca Inverardi (3)

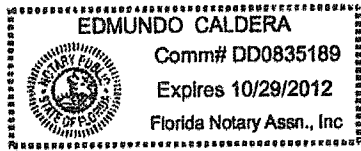

Norma Sue Kenyon (4)


Antonello Pileggi (5)


Cheryl Stabler Anderson (6)

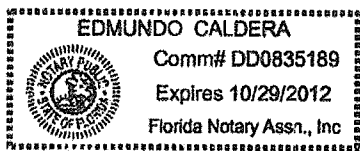

Camillo Ricordi (7)

On this 8 day of Oct, 2009, Peter Buchwald; (1) personally appeared before me, a Notary Public in and for _____, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.



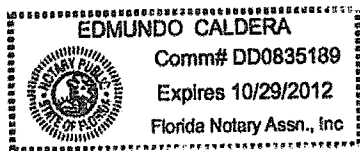
Edmundo Caldera 10/8/09
Notary Public

On this 30 day of Sept., 2009, Christopher A. Fraker (2) personally appeared before me, a Notary Public in and for _____, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.



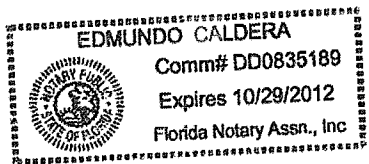
Edmundo Caldera 9/30/09
Notary Public

On this _____ day of _____, 2009, Luca Inverardi (3) personally appeared before me, a Notary Public in and for _____, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.



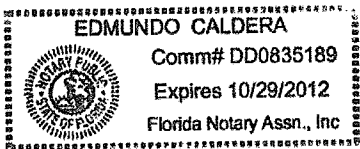
Edmundo Caldera 10/1/09
Notary Public

On this 8 day of Oct., 2009, Norma Sue Kenyon (4) personally appeared before me, a Notary Public in and for _____, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.



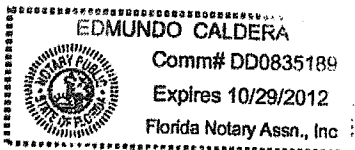
Edmundo Caldera 10/8/09
Notary Public

On this 30 day of Sept., 2009, Antonello Pileggi (5) personally appeared before me, a Notary Public in and for _____, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.



Edmundo Caldera 9/30/09
Notary Public

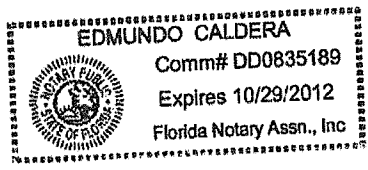
On this 30 day of Sept., 2009, Cheryl Stabler Anderson (6) personally appeared before me, a Notary Public in and for _____, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.



Edmundo Caldera 9/30/09
Notary Public

On this 6 day of Oct., 2009, Camillo Ricordi (7) personally appeared before me, a Notary Public in and for _____, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

Edmundo Caldera 10/6/09
Notary Public



I hereby acknowledge the foregoing executed Assignment on behalf of UNIVERSITY OF MIAMI.

By: [Signature]
Bart Chernow, M.D., M.A.C.P.
Vice Provost for Technology Advancement and
Vice President for Special Programs and Resource Strategy

On this 3 day of November, 2009, Bart Chernow personally appeared before me, a Notary Public in and for the state of Florida, and duly acknowledged the executed Assignment on behalf of the Assignee.

[Signature]
Notary Public

