

## 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>Gerry Boss</td> <td>03/24/2011</td> </tr> <tr> <td>Vijay Sharma</td> <td>03/31/2011</td> </tr> <tr> <td>Matthew Brenner</td> <td>03/23/2011</td> </tr> <tr> <td>William Curt Blackledge</td> <td>03/30/2011</td> </tr> </tbody> </table>		Name	Execution Date	Gerry Boss	03/24/2011	Vijay Sharma	03/31/2011	Matthew Brenner	03/23/2011	William Curt Blackledge	03/30/2011
Name	Execution Date										
Gerry Boss	03/24/2011										
Vijay Sharma	03/31/2011										
Matthew Brenner	03/23/2011										
William Curt Blackledge	03/30/2011										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>The Regents of the University of California</td> </tr> <tr> <td>Street Address:</td> <td>1111 Franklin Street, 12th Floor</td> </tr> <tr> <td>City:</td> <td>Oakland</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94607</td> </tr> </table>		Name:	The Regents of the University of California	Street Address:	1111 Franklin Street, 12th Floor	City:	Oakland	State/Country:	CALIFORNIA	Postal Code:	94607
Name:	The Regents of the University of California										
Street Address:	1111 Franklin Street, 12th Floor										
City:	Oakland										
State/Country:	CALIFORNIA										
Postal Code:	94607										
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>13634703</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13634703						
Property Type	Number										
Application Number:	13634703										
CORRESPONDENCE DATA											
<p>Fax Number: 6509385200  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 4158752406        Email: horosco@fenwick.com</p> <p>Correspondent Name: Pauline Farmer-Koppenol        Address Line 1: 801 California Street        Address Line 4: Mountain View, CALIFORNIA 94041</p>											
ATTORNEY DOCKET NUMBER:	18344 US										
NAME OF SUBMITTER:	Pauline Farmer-Koppenol, Reg. No. 58,004										
<p>Total Attachments: 3        source=18344_PCT_Assignment#page1.tif        source=18344_PCT_Assignment#page2.tif        source=18344_PCT_Assignment#page3.tif</p>											

CH \$40.00 13634703

ASSIGNMENT

Atty Docket No.: 26774-18344 PCT  
UC Case No.: SD2008-270

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Gerry Boss
2. Vijay Sharma
3. Matthew Brenner
4. William Kurt Blackledge

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, 12th Floor., Oakland, CA 94607, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

and which is found in

- (a) \_\_\_\_\_ U.S. provisional application filed herewith and listing the above named persons as inventors
- (b) \_\_\_\_\_ U.S. patent application filed herewith and listing the above named persons as inventors
- (c) X U.S. provisional application serial nos. 61/313,927, filed on 15 March 2010
- (d) \_\_\_\_\_ U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_
- (e) X PCT Patent Application No. PCT/US2011/028542, filed on March 15, 2011

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

Executed this

24th day of March, 2011

31st day of March, 2011

\_\_\_\_\_ day of \_\_\_\_\_, 2011

\_\_\_\_\_ day of \_\_\_\_\_, 2011

Signature of Inventor(s)

Gerry Boss  
Gerry Boss

Vijay Sharma  
Vijay Sharma

\_\_\_\_\_  
Matthew Brenner

\_\_\_\_\_  
William Kurt Blackledge

ASSIGNMENT

Atty Docket No.: 26774-18344 PCT  
UC Case No.: SD2008-270

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Gerry Boss
2. Vijay Sharma
3. Matthew Brenner
4. William Kurt Blackledge

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, 12th Floor., Oakland, CA 94607, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

and which is found in

- (a) ☐ U.S. provisional application filed herewith and listing the above named persons as inventors
- (b) ☐ U.S. patent application filed herewith and listing the above named persons as inventors
- (c) ☒ U.S. provisional application serial nos. 61/313,927, filed on 15 March 2010
- (d) ☐ U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_
- (e) ☒ PCT Patent Application No. PCT/US2011/028542, filed on March 15, 2011

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

Executed this

Signature of Inventor(s)

\_\_\_\_ day of \_\_\_\_\_, 2011

Gerry Boss

\_\_\_\_ day of \_\_\_\_\_, 2011

Vijay Sharma

23 day of March, 2011

Matthew Brenner

\_\_\_\_ day of \_\_\_\_\_, 2011

William Kurt Blackledge

## ASSIGNMENT

Atty Docket No.: 26774-18344 PCT  
UC Case No.: SD2008-270

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

- |                        |                                   |
|------------------------|-----------------------------------|
| 1. <u>Gerry Boss</u>   | 3. <u>Matthew Brenner</u>         |
| 2. <u>Vijay Sharma</u> | 4. <u>William Curt Blackledge</u> |

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, 12th Floor., Oakland, CA 94607, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

and which is found in

- (a) \_\_\_\_\_ U.S. provisional application filed herewith and listing the above named persons as inventors
- (b) \_\_\_\_\_ U.S. patent application filed herewith and listing the above named persons as inventors
- (c) X U.S. provisional application serial nos. 61/313,927, filed on 15 March 2010
- (d) \_\_\_\_\_ U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_
- (e) X PCT Patent Application No. PCT/US2011/028542, filed on March 15, 2011

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

Executed this

Signature of Inventor(s)

\_\_\_\_\_ day of \_\_\_\_\_, 2011

\_\_\_\_\_  
Gerry Boss

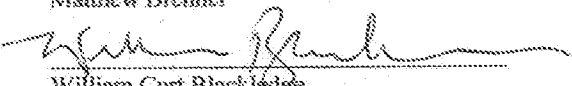
\_\_\_\_\_ day of \_\_\_\_\_, 2011

\_\_\_\_\_  
Vijay Sharma

\_\_\_\_\_ day of \_\_\_\_\_, 2011

\_\_\_\_\_  
Matthew Brenner

31<sup>st</sup> day of March, 2011

  
\_\_\_\_\_  
William Curt Blackledge

**PATENT**