

PATENT ASSIGNMENT COVER SHEET

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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>JIM LI</td> <td>12/10/2012</td> </tr> <tr> <td>LIJING CHEN</td> <td>12/10/2012</td> </tr> <tr> <td>BINDU GOYAL</td> <td>11/30/2012</td> </tr> <tr> <td>GUY LAIDIG</td> <td>12/10/2012</td> </tr> <tr> <td>TIMOTHY FRIEND STANTON</td> <td>12/10/2012</td> </tr> <tr> <td>ERIC BRIAN SJOGREN</td> <td>12/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	JIM LI	12/10/2012	LIJING CHEN	12/10/2012	BINDU GOYAL	11/30/2012	GUY LAIDIG	12/10/2012	TIMOTHY FRIEND STANTON	12/10/2012	ERIC BRIAN SJOGREN	12/10/2012
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<table border="1"> <tr> <td>Name:</td> <td>CALITHERA BIOSCIENCES INC.</td> </tr> <tr> <td>Street Address:</td> <td>343 OYSTER POINT BOULEVARD</td> </tr> <tr> <td>Internal Address:</td> <td>SUITE 200</td> </tr> <tr> <td>City:</td> <td>SOUTH SAN FRANCISCO</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94080</td> </tr> </table>		Name:	CALITHERA BIOSCIENCES INC.	Street Address:	343 OYSTER POINT BOULEVARD	Internal Address:	SUITE 200	City:	SOUTH SAN FRANCISCO	State/Country:	CALIFORNIA	Postal Code:	94080		
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Application Number:	14051216														
CORRESPONDENCE DATA															
Fax Number:	(617)235-9492														
Email:	valerie.sarosky@ropesgray.com														
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
Correspondent Name:	ROPES & GRAY LLP														
Address Line 1:	PRUDENTIAL TOWER														
Address Line 2:	800 BOYLSTON STREET														
Address Line 4:	BOSTON, MASSACHUSETTS 02199-3600														
ATTORNEY DOCKET NUMBER:	108693-0002-102														

NAME OF SUBMITTER:	VALERIE SAROSKY
Signature:	/Valerie Sarosky/
Date:	10/11/2013
<p>Total Attachments: 8</p> <p>source=108693-0002-102 - Assignment from parent#page1.tif</p> <p>source=108693-0002-102 - Assignment from parent#page2.tif</p> <p>source=108693-0002-102 - Assignment from parent#page3.tif</p> <p>source=108693-0002-102 - Assignment from parent#page4.tif</p> <p>source=108693-0002-102 - Assignment from parent#page5.tif</p> <p>source=108693-0002-102 - Assignment from parent#page6.tif</p> <p>source=108693-0002-102 - Assignment from parent#page7.tif</p> <p>source=108693-0002-102 - Assignment from parent#page8.tif</p>	

ASSIGNMENT

WHEREAS, we, **Jim Li, Lijing Chen, Bindu Goyal, Guy Laidig, Timothy Friend Stanton and Eric Brian Sjogren**, have invented a certain improvement in **HETEROCYCLIC INHIBITORS OF GLUTAMINASE** described in an application for Letters Patent of the United States, the specification of which:

☐ is being executed on even date herewith; and is about to be filed in the United States Patent Office;

☒ was filed on **November 19, 2012** as Application No. **13/680,582**;

☐ was patented under U.S. Patent No. _____ on _____.

WHEREAS, **Calithera Biosciences Inc.**, (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, having principal offices at **341 Oyster Point Boulevard, Suite 100, South San Francisco, California 94080** desires to acquire an interest therein in accordance with agreements duly entered into with us;

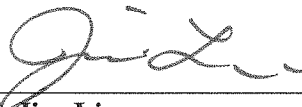
NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, 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 by us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

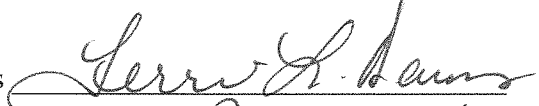
AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

As the inventors, we each declare as follows:

The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in the declaration set forth in this paragraph is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Inventor  Date: 12/10/2012
Jim Li
56 Otsego Avenue
San Francisco, CA 94112

Witness  Date: 12/10/2012
 Address 260 Polux Ct.
Foster City, CA 94404

Inventor 

Date: 12/10/2012

Lijing Chen
19500 Pruneridge Avenue
Apt. 3211
Cupertino, CA 95014

Witness 

Date: 12/10/2012

Address 860 Pollux Ct.
Foster City, CA 94404

Inventor _____

Date: _____

Bindu Goyal
2189 Annapolis Drive
Fremont, CA 94539

Witness _____

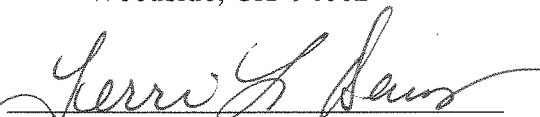
Date: _____

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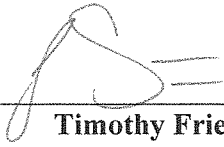
Guy Laidig
585 Woodside Drive
Woodside, CA 94062

Witness 

Date: 12/10/2012

Address 860 Pollux Ct.
Foster City, CA 94404

Inventor



Timothy Friend Stanton
24 Alta Vista Way
Daly City, CA 94014

Date: 10 Dec 2012

Witness



Date: 12/10/2012

Address

860 Pollux Ct.

Foster City, CA 94404

Inventor



Eric Brian Sjogren
442 Dell Avenue
Mountain View, CA 94043

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NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, 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 by us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

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Bindu Goyal
2189 Annapolis Drive
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Witness _____ Date: Nov. 30, 2012

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FREMONT, CA 94539-5945

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585 Woodside Drive
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