

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>Zhihao Hu</td> <td>10/27/2011</td> </tr> <tr> <td>Eli Groban</td> <td>10/27/2011</td> </tr> <tr> <td>Vikranth Arlagada</td> <td>10/27/2011</td> </tr> <tr> <td>Elizabeth Clarke</td> <td>10/27/2011</td> </tr> </tbody> </table>		Name	Execution Date	Zhihao Hu	10/27/2011	Eli Groban	10/27/2011	Vikranth Arlagada	10/27/2011	Elizabeth Clarke	10/27/2011
Name	Execution Date										
Zhihao Hu	10/27/2011										
Eli Groban	10/27/2011										
Vikranth Arlagada	10/27/2011										
Elizabeth Clarke	10/27/2011										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>LS9, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>600 Gateway Boulevard</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:	LS9, Inc.	Street Address:	600 Gateway Boulevard	City:	South San Francisco	State/Country:	CALIFORNIA	Postal Code:	94080
Name:	LS9, Inc.										
Street Address:	600 Gateway Boulevard										
City:	South San Francisco										
State/Country:	CALIFORNIA										
Postal Code:	94080										
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>12645497</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12645497						
Property Type	Number										
Application Number:	12645497										
CORRESPONDENCE DATA											
<p>Fax Number: (650)243-5401</p> <p>Phone: 650-243-5400</p> <p>Email: dbowen@ls9.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: LS9, Inc.</p> <p>Address Line 1: 600 Gateway Boulevard</p> <p>Address Line 2: Legal Department</p> <p>Address Line 4: South San Francisco, CALIFORNIA 94080</p>											
ATTORNEY DOCKET NUMBER:	LS00017US										
NAME OF SUBMITTER:	Debra K. Bowen										

CH \$40.00 12645497

Total Attachments: 4

source=LS17USAddlInventors#page1.tif

source=LS17USAddlInventors#page2.tif

source=LS17USAddlInventors#page3.tif

source=LS17USAddlInventors#page4.tif

ASSIGNMENT

WHEREAS, I/WE Zhihao Hu, a citizen of China; Eli Groban, a citizen of the United States of America; Vikranth Arlagadda, a citizen of India; and Elizabeth Clarke, a citizen of the United States of America, of 600 Gateway Boulevard, South San Francisco, California 94080 (hereinafter referred to as Assignors); have invented a certain invention entitled:

METHODS AND COMPOSITIONS RELATED TO THIOESTERASE ENZYMES

for which invention an application (provisional or non-provisional) for a U.S. patent was filed on December 23, 2009, under U.S. Application No. 12/645,497, and

WHEREAS, LS9, Inc. of 600 Gateway Boulevard, South San Francisco, CA 94080, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in, to, and under the invention described in the patent application, including the entire priority right derived from the application,

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Assignor(s) assign and transfer to Assignee and Assignee's legal representatives, successors, and assigns the entire right, title, and interest in, to, and under the invention, the referenced patent application, and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, national and regional phase applications, petty patent applications, and utility model applications) that may be filed in the U.S. and/or any country foreign to the U.S. on the invention, and the patents that may issue thereon,

Assignor(s) convey to the Assignee the right to make applications in Assignee's own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim priority to the referenced patent application and other such applications that may be filed in the U.S. or any country foreign to the U.S. on the invention under the Patent Cooperation Treaty, the Paris Convention, and any other international arrangements,

Assignor(s) will not execute any writing or do any act conflicting with the terms of this assignment,

Assignor(s) will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to pursue the patent applications identified herein, including, but not limited to, rendering all necessary assistance in making applications for and obtaining patents that may issue thereon in the U.S. and any countries foreign to the U.S. on the invention, and in enforcing any rights accruing as a result of such applications or patents, by, for example, executing statements and other affidavits,

Assignor(s) and Assignee agree the terms of this assignment shall bind, and inure to the benefit of, the legal representatives, successors, and assigns of all parties hereto,

Assignor(s) authorize Assignee to insert in this assignment the number and filing date of the application if the number and filing date of the application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

Assignor(s) and Assignee agree that U.S. law governs this assignment, and

Assignee acknowledges and accepts this assignment.

IN WITNESS WHEREOF, Assignor(s) hereunder set his/her hand on the date shown below.

Date 10/27/2011

Zhibao Hu

State of California

County of San Mateo

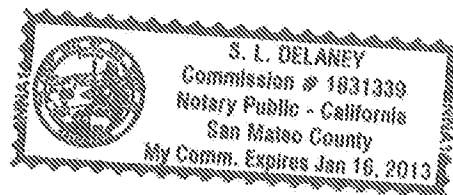
On 10/27/11 before me, S.L. Delaney
(insert name and title of the officer)

personally appeared ZHHAO HU, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(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 S.L. Delaney (Seal)



Date 10/27/11

Eli Groban
Eli Groban

State of California

County of San Mateo

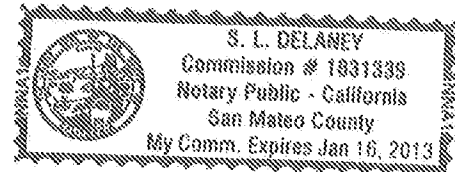
On 10/27/11 before me, S. L. Delaney
(insert name and title of the officer)

personally appeared ELI GROBAN, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(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 S. L. Delaney (Seal)



Date 10/27/2011

Vikrant Arlagadda
Vikrant Arlagadda

State of California

County of San Mateo

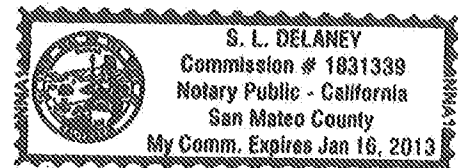
On 10/27/11 before me, S. L. Delaney
(insert name and title of the officer)

personally appeared VIKRANTH ARLAGADA, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(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 S. L. Delaney (Seal)



Date 10/27/2011

Elizabeth Clarke
Elizabeth Clarke

State of California
County of San Mateo

On 10/27/11 before me, S. L. Delaney
(insert name and title of the officer)

personally appeared ELIZABETH CLARKE, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(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 S. L. Delaney (Seal)

