

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>ACHAMPETA RATHAN PRASAD</td> <td>07/11/2008</td> </tr> <tr> <td>ROY A SWARINGEN JR.</td> <td>07/03/2008</td> </tr> <tr> <td>JOHN GREGORY REID</td> <td>07/16/2008</td> </tr> <tr> <td>ROBERT M MORIARTY</td> <td>07/14/2008</td> </tr> </tbody> </table>		Name	Execution Date	ACHAMPETA RATHAN PRASAD	07/11/2008	ROY A SWARINGEN JR.	07/03/2008	JOHN GREGORY REID	07/16/2008	ROBERT M MORIARTY	07/14/2008
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ACHAMPETA RATHAN PRASAD	07/11/2008										
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JOHN GREGORY REID	07/16/2008										
ROBERT M MORIARTY	07/14/2008										
RECEIVING PARTY DATA											
Name:	KYTHERA BIOPHARMACEUTICALS, INC.										
Street Address:	27200 WEST AGOURA ROAD, SUITE 200										
City:	CALABASAS										
State/Country:	CALIFORNIA										
Postal Code:	91301										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12153446</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12153446						
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Application Number:	12153446										
CORRESPONDENCE DATA											
Fax Number:	(650)856-3710										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	650.856.3700										
Email:	djonesbeasley@foley.com										
Correspondent Name:	Hugo M. Eng										
Address Line 1:	Foley & Lardner LLP										
Address Line 2:	975 Page Mill Road										
Address Line 4:	Palo Alto, CALIFORNIA 94304-1013										
ATTORNEY DOCKET NUMBER:	069611-0651										
NAME OF SUBMITTER:	Hugo M. Eng										
Total Attachments: 5											

OP \$40.00 12153446

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Kythera Biopharmaceuticals, Inc.
27200 West Agoura Road, Suite 200
Calabasas, California 91301

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

PREPARATION OF BILE ACIDS AND INTERMEDIATES THEREOF

as set forth in this United States Patent Application Serial No. 12/153,446, filed May 16, 2008 as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or

infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

Executed this 11 day of July, 2008.

ACHAMPETA RATHAN PRASAD

State of _____)

County of _____)

On this 11 day of July, 2008, before me, _____ (a notary public in and for said county), personally appeared ACHAMPETA RATHAN PRASAD, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

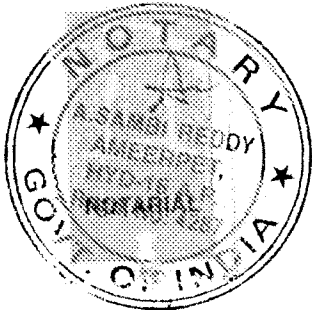
WITNESS my hand and official seal.

Notary Public

My Commission Expires

My Commission Expires: on 11th July, 2012

(Seal)



ATTESTED
A. Sambi Reddy
A. SAMBI REDDY, B.Sc., B.L.,
ADVOCATE & NOTARY
No: 40, Rahmat Complex, Ameerpet 'X' Roads,
HYDERABAD-500 016. A.P. INDIA.
MY COMMISSION EXPIRES ON 11th JULY 2012

Executed this 3rd day of July, 2008.

Roy A. Swaringen, Jr.
ROY A. SWARINGEN, JR.

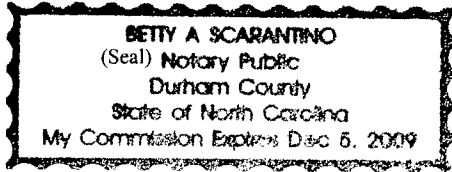
State of NC)

County of Durham

On this 3 day of July, 2008, before me, Betty A. Scarantino (a notary public in and for said county), personally appeared ROY A. SWARINGEN, JR., who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.



Betty A. Scarantino
Notary Public
My Commission Expires: 12-5-09

Executed this _____ day of _____, 20__.

JOHN GREGORY REID

State of _____)

County of _____)

On this _____ day of _____, 20__, before me, _____ (a notary public in and for said county), personally appeared JOHN GREGORY REID, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

(Seal)

Notary Public
My Commission Expires: _____

Executed this _____ day of _____, 20____.

ROY A. SWARINGEN, JR.

State of _____)

County of _____)

On this _____ day of _____, 20____, before me, _____ (a notary public in and for said county), personally appeared ROY A. SWARINGEN, JR., who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

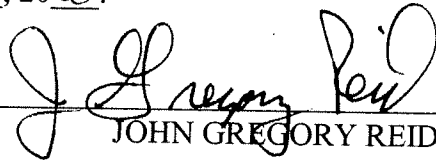
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Public
My Commission Expires: _____

(Seal)

Executed this 16th day of July, 2008.



JOHN GREGORY REID

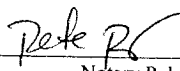
State of New York)

County of Montgomery)

On this 16th day of July, 2008, before me, Peter C. Porcello (a notary public in and for said county), personally appeared JOHN GREGORY REID, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

PETER PORCELLO
Notary Public, State of New York
No. 01P06155055
Qualified in MONTGOMERY County
Commission Expires Oct. 23, 2010


Notary Public
Commission Expires: 10/23/2010

(Seal)

Executed this 14 day of July, 2008.

Robert M. Moriarty
ROBERT M. MORIARTY

State of IL)
County of COOK)

On this 14 day of JULY, 2008, before me, Robert M. Moriarty (a notary public in and for said county), personally appeared ROBERT M. MORIARTY, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Mary L. Dunson
Notary Public
My Commission Expires: 1-17-2009

