

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3671866

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT MURRAY MCKINNELL	11/01/2011
DANIEL D. LONG	11/01/2011
LORI JEAN VAN ORDEN	11/01/2011
LAN JIANG	11/01/2011
MANDY LOO	11/01/2011
DAISUKE ROLAND SAITO	11/02/2011
SHEILA ZIPFEL	11/02/2011
ERIC L. STANGELAND	10/31/2011
KASSANDRA LEPACK	11/01/2011
GAVIN OGAWA	11/01/2011

RECEIVING PARTY DATA

Name:	THERAVANCE, INC.
Street Address:	901 GATEWAY BOULEVARD
City:	SOUTH SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94080

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14539039

CORRESPONDENCE DATA

Fax Number: (877)769-7945

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 6175425070

Email: apsi@fr.com

Correspondent Name: ANITA MEIKLEJOHN

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O. BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	41503-0022002
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PATENT

NAME OF SUBMITTER:	CHRISTINE M. GRACE
SIGNATURE:	/Christine M. Grace/
DATE SIGNED:	12/28/2015
Total Attachments: 12 source=P-281-US1_ExecutedAssignment#page1.tif source=P-281-US1_ExecutedAssignment#page2.tif source=P-281-US1_ExecutedAssignment#page3.tif source=P-281-US1_ExecutedAssignment#page4.tif source=P-281-US1_ExecutedAssignment#page5.tif source=P-281-US1_ExecutedAssignment#page6.tif source=P-281-US1_ExecutedAssignment#page7.tif source=P-281-US1_ExecutedAssignment#page8.tif source=P-281-US1_ExecutedAssignment#page9.tif source=P-281-US1_ExecutedAssignment#page10.tif source=P-281-US1_ExecutedAssignment#page11.tif source=P-281-US1_ExecutedAssignment#page12.tif	

Assignment

This **Assignment**, by **Robert Murray McKinnell** residing at 321 Poplar Avenue, Millbrae CA 94030; **Daniel D. Long**, residing at 10 Sunview Drive, San Francisco, CA 94131; **Lori Jean Van Orden**, residing at 3 Whitney Street, San Francisco, CA 94131; **Lan Jiang**, residing at 788 Santa Maria Lane, Foster City, CA 94404; **Mandy Loo**, residing at 2119 Imwalle Court, San Jose, CA 95131; **Daisuke Roland Saito** residing at 1600 E 3rd Avenue, #2803, San Mateo, CA 94401; **Sheila Zipfel**, residing at 22 N. San Mateo Drive, Apt. 205, San Mateo, CA 94401; **Eric L. Stangeland**, residing at 896 Corona Drive, Pacifica, CA 94044; **Kassandra Lepack**, residing at 3014 Los Prados Street, Apt. 300, San Mateo, CA 94403 and **Gavin Ogawa**, residing at 541 Hugo Street, San Francisco, CA 94122 (hereinafter referred to as "the **Assignors**"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in **NOVEL INHIBITORS OF HEPATITIS C VIRUS** as set forth in an application for Letters Patent of the United States,

- ☐ which is a provisional application
 - ☐ to be filed herewith; or
 - ☐ bearing Application No. _____ and filed on _____, or
- ☒ which is a non-provisional application
 - ☒ to be filed herewith; or
 - ☐ bearing Application No. _____ and filed on _____; and

WHEREAS, **Theravance, Inc.**, a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 901 Gateway Boulevard, South San Francisco, California 94080 (hereinafter referred to as "the **Assignee**"), is desirous of acquiring the entire right, title and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the entire right, title and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and Assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title and interest in and to the inventions set forth in said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents for said inventions, without charge to the Assignor, its successors, legal representatives and assigns, but at the cost and expense of the Assignee, its successors, legal representatives and assigns;

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee, as the Assignee of said inventions and the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives and assigns.

Date Nov 1, 2011 Signature of Assignor R. Murray McKinnell
Robert Murray McKinnell

State of California

County of San Mateo

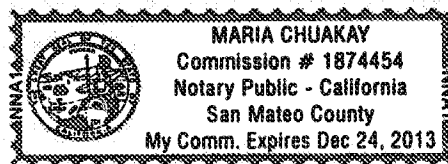
On 1 November 2011 before me, Maria Chuakay, Notary Public,
personally appeared Robert Murray McKinnell

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 executed the same in his
authorized capacity, and that by his 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.

Maria Chuakay
Signature of Notary Public



Date 1ST NOV 2011 Signature of Assignor 
Daniel D. Long

State of California

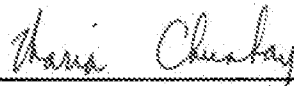
County of San Mateo

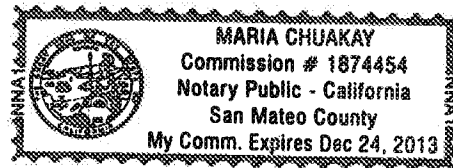
On 1 November 2011 before me, Maria Chuakay Notary Public,
personally appeared Daniel D. Long

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 executed the same in his
authorized capacity, and that by his 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.


Signature of Notary Public



Date 01 Nov 2011

Signature of Assignor

Lori Jean Van Orden

State of California

County of San Mateo

On 1 November 2011 before me, Maria Chuakay, Notary Public,
personally appeared Lori Jean Van Orden

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 she executed the same in her
authorized capacity, and that by 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.

Maria Chuakay
Signature of Notary Public



Date 01 Nov. 2011

Signature of Assignor 
Lan Jiang

State of California

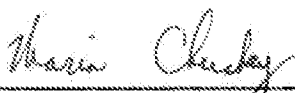
County of San Mateo

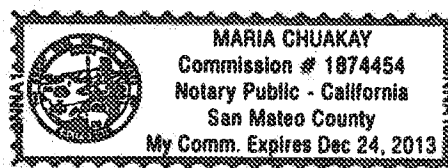
On 1 November 2011 before me, Maria Chuakay, Notary Public,
personally appeared Lan Jiang

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 she executed the same in her
authorized capacity, and that by 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.


Signature of Notary Public



Date Nov. 1, 2011 Signature of Assignor Mandy Loo
Mandy Loo

State of California

County of San Mateo

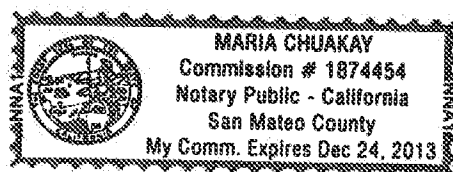
On 1 November 2011 before me, Maria Chuakay, Notary Public,
personally appeared Mandy Loo

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 she executed the same in her
authorized capacity, and that by 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.

Maria Chuakay
Signature of Notary Public



Date Nov 02-2011

Signature of Assignor

Daisuke Roland Saito

State of California

County of San Mateo

On 2 November 2011 before me, Maria Chuakay, Notary Public,
personally appeared Daisuke Roland Saito

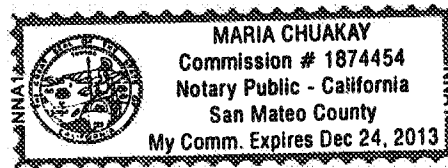
who proved to me on the basis of satisfactory evidence to be the person whose name is
subscribed to the within instrument and acknowledged to me that he executed the same in his
authorized capacity, and that by his signature on the instrument the person, or the entity upon
behalf of which the person 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.

Maria Chuakay

Signature of Notary Public



Date Nov 2, 2011 Signature of Assignor Sheila Zipfel

State of California

County of San Mateo

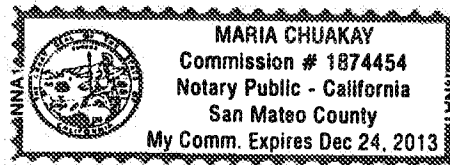
On 2 November 2011 before me, Maria Chuakay, Notary Public,
personally appeared Sheila Zipfel

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 she executed the same in her
authorized capacity, and that by 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.

Maria Chuakay
Signature of Notary Public



Date Oct 31, 2011

Signature of Assignor

Eric L. Stangeland

State of California

County of San Mateo

On 31 October 2011 before me, Maria Chuakay, Notary Public,
personally appeared Eric L. Stangeland

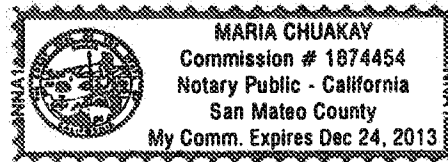
who proved to me on the basis of satisfactory evidence to be the person whose name is
subscribed to the within instrument and acknowledged to me that he executed the same in his
authorized capacity, and that by his signature on the instrument the person, or the entity upon
behalf of which the person 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.

Maria Chuakay

Signature of Notary Public



Date Nov 1st 2011 Signature of Assignor *K. Lepack*
Kassandra Lepack

State of California

County of San Mateo

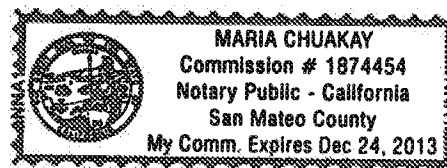
On 1 November 2011 before me, *Maria Chuakay*, Notary Public,
personally appeared Kassandra Lepack

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 she executed the same in her
authorized capacity, and that by 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.

Maria Chuakay
Signature of Notary Public



Date 1 NOV 2011

Signature of Assignor

Gavin Ogawa
Gavin Ogawa

State of California

County of San Mateo

On 1 November 2011 before me, Maria Chuakay, Notary Public,
personally appeared Gavin Ogawa

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 executed the same in his
authorized capacity, and that by his 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.

Maria Chuakay

Signature of Notary Public

