

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3142415

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Sunil Kumar KC	10/07/2011
David Mark Wallace	10/07/2011
John Hood	10/07/2011
Charlene F. Barroga	10/07/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WINTHERIX LLC
<b>Street Address:</b>	10225 BARNES CANYON RD, STE A104
<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14547858
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>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.</i>	
<b>Phone:</b>	(612) 337-5070
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	ANGELA D. FOLLETT
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	29124-0026004
<b>NAME OF SUBMITTER:</b>	JILL A. WRIGHT
<b>SIGNATURE:</b>	/Jill A. Wright/
<b>DATE SIGNED:</b>	12/11/2014
<b>Total Attachments: 5</b>	
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ASSIGNMENT

For valuable consideration, we, Sunil Kumar KC, of 10504 Clasico Court, San Diego, CA 92127; David Mark Wallace, of 6448 Peinado Way, San Diego, CA 92121; John Hood, of 10831 Vereda Sol del Dios, San Diego, CA 92130; and Charlene F. Barroga, of 8950 Costa Verde, #4237, San Diego, CA 92122; hereby assign to WINTHERIX LLC, a limited liability company in Delaware, having a place of business at 10225 Barnes Canyon Rd, Ste A104, San Diego, CA 92121, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled  $\beta$ - AND  $\gamma$ - DIKETONES AND  $\gamma$ -HYDROXYKETONES AS WNT/  $\beta$ -CATENIN SIGNALING PATHWAY ACTIVATORS, filed August 17, 2011, and assigned U.S. Serial Number 13/211,665, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: OCT 07, 2011

  
SUNIL KUMAR KC

### Acknowledgment

State of California

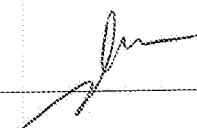
County of SAN DIEGO

On OCT 7, '11 before me, DEBBIE PASCUA DELA PAZ, Notary Public  
(insert name and title of the officer)

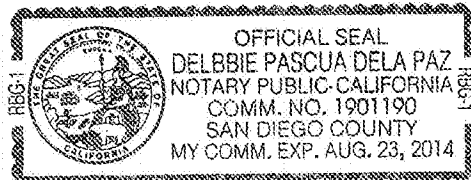
personally appeared SUNIL KUMAR KC,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same  
in his/her/their authorized capacity(ies), and that by his/her/their 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 

(Seal)



DATE: 10/7/2011

David Mark Wallace  
DAVID MARK WALLACE

### Acknowledgment

State of California

County of SAN DIEGO

On OCT 7, '11 before me, DELBBIE PASCUA DELA PAZ, notary public  
(insert name and title of the officer)

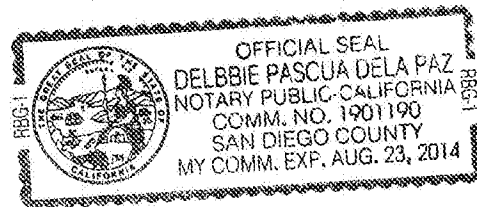
personally appeared DAVID MARK WALLACE,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same  
in his/her/their authorized capacity(ies), and that by his/her/their 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 [Signature]

(Seal)



DATE: October 7, 2011

[Signature]  
JOHN HOOD

### Acknowledgment

State of California

County of SAN DIEGO

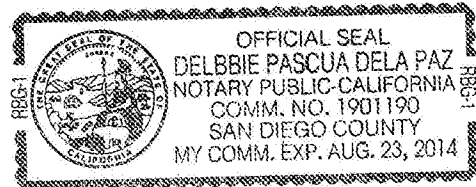
On OCT 7, '11 before me, DELBBIE PASCUA DELA PAZ, notary public  
(insert name and title of the officer)

personally appeared HOOD, JOHN DANIEL  
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 [Signature] (Seal)



DATE: 10/07/2011

Charlene F. Barroga  
CHARLENE F. BARROGA

### Acknowledgment

State of California

County of SAN DIEGO

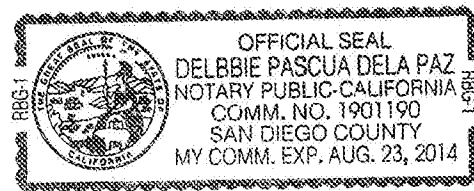
On OCT 7, '11 before me, DEBBIE PASCUA DELA PAZ, Notary Public  
(insert name and title of the officer)

personally appeared BARROGA, CHARLENE FONTANILLA,  
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 [Signature] (Seal)



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