

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN M. KEITH	05/19/2011
JING LIU	05/19/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Janssen Pharmaceutica NV
<b>Street Address:</b>	Turnhoutseweg 30
<b>City:</b>	Beerse
<b>State/Country:</b>	BELGIUM
<b>Postal Code:</b>	2340
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14565535
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<b>ATTORNEY DOCKET NUMBER:</b>	PRD3149USCNT1
<b>NAME OF SUBMITTER:</b>	KRISTIN MIELE
<b>SIGNATURE:</b>	/Kristin Miele/
<b>DATE SIGNED:</b>	04/14/2016
<b>Total Attachments: 3</b>	
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ASSIGNMENT

WHEREAS,

John M. Keith, residing at 16724 Alondra Drive, San Diego, CA 92128, USA  
Jing Liu, residing at 9368 Adolphia Street, San Diego, CA 92129, USA

(hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

**MODULATORS OF FATTY ACID AMIDE HYDROLASE**

for which they have executed an application for Letters Patent of the United States; and

WHEREAS, Janssen Pharmaceutica NV, a corporation of the Country of Belgium, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 19<sup>th</sup> day of May, 2011.

John M. Keith (L.S.)  
John M. Keith

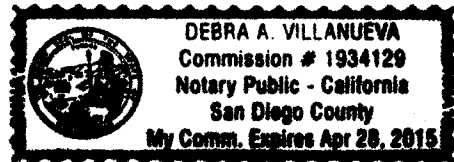
State of California  
County of San Diego

On May 19 2011, before me, Debra A. Villanueva, personally appeared, John M. Keith, 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 Debra A. Villanueva (Seal)  
Signature of Notary



IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 19<sup>th</sup> day of May, 2011.

LS 75 (L.S.)  
Jing Liu

State of California  
County of San Diego

On May 19, 2011, before me, Jing Liu,  
personally appeared, Jing Liu, 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 Debra A. Villanueva (Seal)  
Signature of Notary

