

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Nadya Tarasova	07/28/2009
Michael Dean	07/28/2009
Hong Lou	06/17/2009
RECEIVING PARTY DATA	
Name:	The United States of America, as represented by the Secretary, Department of Health and Human Services
Street Address:	Office of Technology Transfer, National Institutes of Health
Internal Address:	6011 Executive Boulevard, Suite 325, MSC 7660
City:	Bethesda
State/Country:	MARYLAND
Postal Code:	20892-7660
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12513091
CORRESPONDENCE DATA	
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Email:	email@leydig.com
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Address Line 2:	180 NORTH STETSON AVENUE
Address Line 4:	CHICAGO, ILLINOIS 60601-6731
ATTORNEY DOCKET NUMBER:	704639
NAME OF SUBMITTER:	Xavier Pillai

CH \$40.00 12513091

Total Attachments: 12

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**ASSIGNMENT FOR NIH/FDA INVENTIONS
(NIH OR FDA CO-INVENTORS ONLY)**

WHEREAS, we, Nadya Tarasova, Michael Dean, and Hong Lou, employees of the National Institutes of Health, a component of the United States Department of Health and Human Services having an address at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660, [hereinafter **The Inventors**], have made certain inventions as described and claimed in the U.S. Patent Application having United States Application Number 12/513,091, filed April 30, 2009, and which is entitled "SMOOTHENED POLYPEPTIDES AND METHODS OF USE" ("U.S. Application") and;

WHEREAS, we are the applicants named in the above-identified U.S. Application; and

WHEREAS, the inventions described and claimed therein were made under conditions such as to entitle **THE UNITED STATES OF AMERICA**, as represented by the Secretary, Department of Health and Human Services [hereinafter **THE GOVERNMENT**] under Executive Order 10096 and its amendments, 35 USC §§200-201, §§206-207, and §210 and 37 CFR Part 501 to the entire right, title, and interest in such inventions; and

WHEREAS, THE GOVERNMENT is desirous of acquiring all domestic and foreign right, title, and interest in the inventions described and claimed in the U.S. Application; and

NOW, THEREFORE, having the legal obligation to assign my/our right, title and interest in the inventions described and claimed in the above-identified patent application to **THE GOVERNMENT**, having a place of business at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660 and for consideration, the receipt and sufficiency of which are hereby acknowledged, we hereby assign and transfer to **THE GOVERNMENT**:

the entire right, title, and interest in and to any and all inventions described and claimed in said U.S. Application and any and all Letters Patents which may be granted thereon, and any and all continuations, divisions, reissues or extensions thereof; and

all rights to claim priority on the basis of said U.S. Application including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

all applications for Letters Patents that may be filed for any and all inventions described and claimed in said U.S. Application that may be filed in any foreign country and all Letters Patents that may be granted thereon in any foreign country and all extensions, renewals, and reissues thereof; and

any and all such Letters Patents as may be granted in the United States or any foreign country to be held by **THE GOVERNMENT** to the end of the term for which the same would have been held by the inventors had this assignment not been made.

We further agree to make, execute, and deliver to **THE GOVERNMENT**, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patents, and to assist **THE GOVERNMENT** in every way as may be requested in protecting said inventions.

IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

Inventor 1:

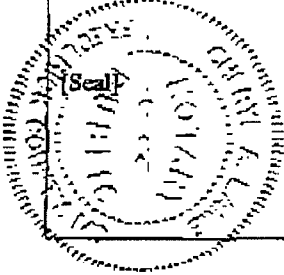
July 26, 2009
Date

Nadya Tarasova
Nadya Tarasova

County of ~~USA~~ Frederick

State of Maryland

Subscribed and sworn to before me this 28 day of July, 2009.

 (Seal)

Cheryl A. Lamb
Notary Public for Frederick Co.
My Commission Expires: 11/18/09

Inventor 2:	
_____	_____
Date	Michael Dean
County of _____	
State of _____	
Subscribed and sworn to before me this ____ day of _____, 2009.	
[Seal]	_____
	Notary Public for _____
	My Commission Expires: _____

Inventor 3:

_____ Date _____ Hong Lou

County of _____

State of _____

Subscribed and sworn to before me this _____ day of _____, 2009.

[Seal]

Notary Public for _____

My Commission Expires: _____

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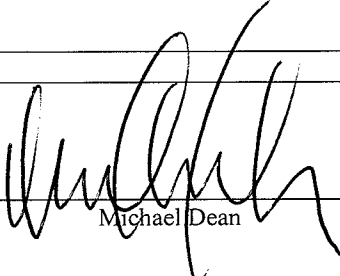
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IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

Inventor 1:	
_____	_____
Date	Nadya Tarasova
County of _____	
State of _____	
Subscribed and sworn to before me this ____ day of _____, 2009.	
[Seal]	_____
	Notary Public for _____
	My Commission Expires: _____

Inventor 2:	
<u>7/28/09</u> Date	 Michael Dean
County of <u>Frederick</u>	
State of <u>Maryland</u>	
Subscribed and sworn to before me this <u>28</u> day of <u>July</u> , 2009.	
[Seal]	<u>Cheryl A. Hamb</u> Notary Public for <u>Frederick Co.</u> My Commission Expires: <u>11/18/2009</u>

Inventor 3:	
_____	_____
Date	Hong Lou
County of _____	
State of _____	
Subscribed and sworn to before me this _____ day of _____, 2009.	
[Seal]	_____
	Notary Public for _____
	My Commission Expires: _____

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IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

Inventor 1:	
_____	_____
Date	Nadya Tarasova
County of _____	
State of _____	
Subscribed and sworn to before me this ____ day of _____, 2009.	
[Seal]	_____
	Notary Public for _____
	My Commission Expires: _____

Inventor 2:	
_____	_____
Date	Michael Dean
County of _____	
State of _____	
Subscribed and sworn to before me this ____ day of _____, 2009.	
[Seal]	_____
	Notary Public for _____
	My Commission Expires: _____

Inventor 3:	
<u>06/17/2009</u>	<u><i>Hong Lou</i></u>
Date	Hong Lou
County of <u>Frederick</u>	
State of <u>Maryland</u>	
Subscribed and sworn to before me this <u>17</u> day of <u>June</u> , 2009.	
[Seal]	<u><i>Cheyl A. Lamb</i></u> Notary Public for <u>Frederick Co.</u> My Commission Expires: <u>11/18/2009</u>