503837102 05/20/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MITCHELL HO	08/26/2013
IRA H. PASTAN	08/26/2013
YEN T. PHUNG	08/23/2013
YIFAN ZHANG	08/26/2013
WEI GAO	08/26/2013
RAFFIT HASSAN	08/26/2013

RECEIVING PARTY DATA

Name:	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
Street Address:	6011 EXECUTIVE BOULEVARD, SUITE 325, MSC 7660
Internal Address:	OFFICE OF TECHNOLOGY TRANSFER, NATIONAL INSTITUTES OF HEALTH
City:	BETHESDA
State/Country:	MARYLAND
Postal Code:	20892-7660

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15141006

CORRESPONDENCE DATA

Fax Number: (503)595-5301

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: 503-595-5300

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Correspondent Name: JODI L. CONNOLLY, KLARQUIST SPARKMAN LLP

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ATTORNEY DOCKET NUMBER:	4239-89390-08	
NAME OF SUBMITTER:	JODI L. CONNOLLY	

PATENT 503837102 REEL: 038662 FRAME: 0684

SIGNATURE:	/Jodi L. Connolly/
DATE SIGNED:	05/20/2016
Total Attachments: 8	
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PATENT REEL: 038662 FRAME: 0685

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

WHEREAS, we, Mitchell Ho, Ira H. Pastan, Yen T. Phung, Yifan Zhang, Wei Gao, and Raffit Hassan [hereinafter **The Inventors**], 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, have made certain inventions as described and claimed in:

PCT Patent Application No. PCT/US2013/055273, filed on August 16, 2013, entitled "MESOTHELIN DOMAIN-SPECIFIC MONOCLONAL ANTIBODIES AND USE THEREOF," which is referred to herein as "the Application"; and

WHEREAS, we are the inventors named in the above-identified 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 U.S.C. §§200-201, §§206-207, and §210 and 37 C.F.R. 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 Application;

NOW, THEREFORE, having the legal obligation to assign 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 Application and any and all Letters Patent 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 Application including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

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

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PATENT
REEL: 038662 FRAME: 0686

Inventor: Mitchell Ho

any and all such Letters Patent 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 Patent, and to assist **THE GOVERNMENT** in every way as may be requested in protecting said invention. **THE GOVERNMENT** promises to pay any reasonable expenses incurred by **The Inventors** in making, executing and delivering of such papers to **THE GOVERNMENT**.

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

Date 8-26-2013	ignature
State of <u>Mary land</u> Subscribed and sworn to before me this <u>26</u> Seal	day of <u>August</u> , <u>2013</u> . Ann Schombert Notary Public for Auther da, Montgomery County, Mo My Commission Expires: 10/31/2013
Inventor: Ira H. Pastan Date Shift S	ignature data
State of <u>Thuryland</u> Subscribed and sworn to before me this 26 th	day of augus , 2013. Cun Schraber Notary Public for Montgomery County, Betherda, Mis My Commission Expires: 10/31/2013

REEL: 038662 FRAME: 0687

Inventor: Yen T. Phung	
Date x	
	ignature
County of	
State of	
	day of
Subscribed and sworn to before me this	day of
Seal	Notary Public for
	My Commission Expires:
Inventor: Yifan Zhang	
Date Aug 26, 2013 X	Yrfan Zhang ignature
	ignature
County of Montgomery	
State of Maryland	
Subscribed and sworn to before me this 26 44	_day of <u>August</u> , <u>2013</u> .
Subscribed and sworn to before me this 26 th	ann Schombert
	Notary Public for
	Betherda, Montgomery County, MD My Commission Expires:
	10/31/2013

Inventor: Wei Gao
Date 98.76.2013 X Une Gas Signature
State of Maryland Subscribed and sworn to before me this 26 day of august, Seal Ann Schombert Notary Public for Bethesda, Montgomery County, MD My Commission Expires: 10/31/2013
Inventor: Raffit Hassan
Date S/26 13 X Signature Signature
County of <u>Montgomery</u>
State of Maryland
Subscribed and sworn to before me this 26 day of augus, 2013.
Seal Oun Schombert Notary Public for <u>Bethes da, Montgomery County</u> MD My Commission Expires: 10/31/2013

REEL: 038662 FRAME: 0689

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

WHEREAS, we, Mitchell Ho, Ira H. Pastan, Yen T. Phung, Yifan Zhang, Wei Gao, and Raffit Hassan [hereinafter The Inventors], 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, have made certain inventions as described and claimed in:

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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 U.S.C. §§200-201, §§206-207, and §210 and 37 C.F.R. 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 Application;

NOW, THEREFORE, having the legal obligation to assign 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 Application and any and all Letters Patent 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 Application including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

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

ASSIGNMENT - Page 1 of 4

any and all such Letters Patent 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 Patent, and to assist THE GOVERNMENT in every way as may be requested in protecting said invention. THE GOVERNMENT promises to pay any reasonable expenses incurred by The Inventors in making, executing and delivering of such papers to THE GOVERNMENT.

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

Inventor: Mitchell Ho		
Date	X	
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County of		
State of		
Subscribed and sworn to before me this		
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	Notary Public for	
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llassandan las II Danta.		
inventor, ira n. Pastan		
Date	X	
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	Notary Public for	
	My Commission Expires:	
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ASSIGNMENT - Page 2 of 4

Inventor: Yen T. Phung	
Date 8/23/13	XSignature
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	Notary Public for
	My Commission Expires:
Inventor: Yifan Zhang	
Date	X Signature
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