

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5064764

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARISSA DOLLED-FILHART	03/28/2014
KENNETH EMANCIPATOR	03/26/2014
ROBERT A. PIERCE	04/03/2014
DIANNA WU	03/26/2014
RECEIVING PARTY DATA	
Name:	MERCK SHARP & DOHME CORP.
Street Address:	126 EAST LINCOLN AVENUE
Internal Address:	RY86-2011A
City:	RAHWAY
State/Country:	NEW JERSEY
Postal Code:	07065
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15712246
CORRESPONDENCE DATA	
Fax Number:	(732)594-4720
<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>	
Phone:	7325942583
Email:	us_efs@merck.com
Correspondent Name:	MERCK SHARP & DOHME CORP.
Address Line 1:	126 EAST LINCOLN AVENUE
Address Line 2:	RY86-2011A
Address Line 4:	RAHWAY, NEW JERSEY 07065
ATTORNEY DOCKET NUMBER:	23495-US-CNT
NAME OF SUBMITTER:	KAREN A. MARGIOTTO
SIGNATURE:	/Karen A, Margiotto/
DATE SIGNED:	07/24/2018
Total Attachments: 5	

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WORLDWIDE ASSIGNMENT

WHEREAS, WE,

- (1) Marisa Dolled-Filhart, located at Highland Park, New Jersey,
- (2) Kenneth Emancipator, located at Bernardsville, New Jersey,
- (3) Robert H. Pierce, located at San Francisco, California,
- (4) Dianna Wu, located at Skillman, New Jersey,

(hereinafter ASSIGNORS, together with Frank Lynch, located in Newton, Pennsylvania are the inventors of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

IMMUNOHISTOCHEMICAL ASSAY FOR DETECTING EXPRESSION OF PROGRAMMED DEATH LIGAND 1 (PD-L1)
IN TUMOR TISSUE

and/or in the following application(s):

U.S. Provisional Application No. 61/807,581 filed on April 2, 2013;

U.S. Application No. 14/382,019 having a filing date of 10-2-2015; and

PCT International Application No. PCT/US14/38205 having a filing date of 3-31-2014.

WHEREAS WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, Merck Sharp & Dohme Corp., a corporation organized under the laws of the State of New Jersey, having an office at 126 East Lincoln Avenue, Rahway, New Jersey 07065, and its successors, assigns and legal representatives (hereinafter ASSIGNEE), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, said ASSIGNORS, do each hereby sell, assign and transfer or confirm the grant and assignment to said ASSIGNEE my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of ASSIGNEE, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said ASSIGNEE, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of ASSIGNEE, without further compensation or charge to said ASSIGNEE, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of ASSIGNEE, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

WE HEREBY authorize ASSIGNEE to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

Executed this 28 day of March, 2014

Marisa Dolled-Filhart
Marisa Dolled-Filhart

ACKNOWLEDGEMENT

State of New Jersey)
) s.s.:
County of Union)

On this 28th day of March, 2014, personally appeared before me **Marisa Dolled-Filhart**, to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Notary Public

PHYLLIS NOVA
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires August 31, 2014

Executed this 26 day of March, 2014

Kenneth Emancipator
Kenneth Emancipator

ACKNOWLEDGEMENT

State of New Jersey)
) s.s.:
County of Union)

On this 26 day of March, 2014, personally appeared before me **Kenneth Emancipator**, to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

[Signature]

Notary Public

PHYLLIS NOVA
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires August 31, 2014

Executed this 3 day of April, 2014



Robert H. Pierce

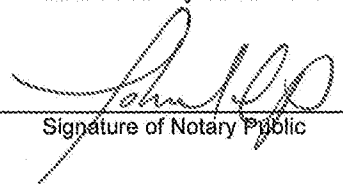
ACKNOWLEDGEMENT

State of California)
San Francisco) s.s.:
County of San Francisco)

On April 3, 2014 before me, Johan Andres Manchola, Notary Public,
personally appeared Robert H. Pierce,
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.

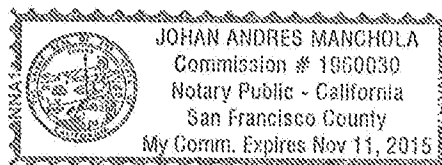
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

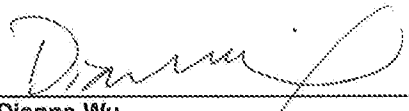


Signature of Notary Public

(Notary Seal)



Executed this 26 day of March, 2014



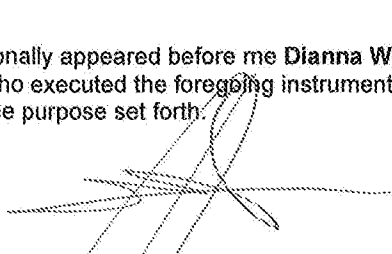
Dianna Wu

ACKNOWLEDGEMENT

State of New Jersey)
) s.s.:
County of Union)

On this 26 day of March, 2014, personally appeared before me **Dianna Wu**, to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)



Notary Public