

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Cassian YEE</td> <td>01/02/2013</td> </tr> <tr> <td>Yongqing LI</td> <td>11/17/2012</td> </tr> <tr> <td>C. Siddiq ABDUL-ALIM</td> <td>11/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Cassian YEE	01/02/2013	Yongqing LI	11/17/2012	C. Siddiq ABDUL-ALIM	11/02/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Fred Hutchinson Cancer Research Center</td> </tr> <tr> <td>Street Address:</td> <td>1100 Fairview Avenue North</td> </tr> <tr> <td>City:</td> <td>Seattle</td> </tr> <tr> <td>State/Country:</td> <td>WASHINGTON</td> </tr> <tr> <td>Postal Code:</td> <td>98109</td> </tr> </table>		Name:	Fred Hutchinson Cancer Research Center	Street Address:	1100 Fairview Avenue North	City:	Seattle	State/Country:	WASHINGTON	Postal Code:	98109
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13696303</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13696303						
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CORRESPONDENCE DATA											
<p>Fax Number: 2155683439 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 206-332-1118 Email: assignments@woodcock.com Correspondent Name: WOODCOCK WASHBURN LLP Address Line 1: 2929 Arch Street Address Line 2: Cira Centre, 12th Floor Address Line 4: Philadelphia, PENNSYLVANIA 19104-2891</p>											
ATTORNEY DOCKET NUMBER:	HTCH-0128										
NAME OF SUBMITTER:	Joyce Valentine										
<p>Total Attachments: 6 source=EXECUTED_Assignments#page1.tif</p>											

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ASSIGNMENT

WHEREAS, I, Cassian Yee, a citizen of Canada, residing at 211 Prospect Street, Seattle, Washington 98109, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number HTCH-0128 ("the invention"), which is entitled CONDITIONAL SUPERAGONIST CTL LIGANDS FOR THE PROMOTION OF TUMOR-SPECIFIC CTL RESPONSES ("the subject application"), which is a national stage application of PCT Application Number PCT/US2011/035272, filed May 4, 2011, and which claims priority to U.S. provisional patent application number 61/331,260, filed May 4, 2010 ("the priority application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, Fred Hutchinson Cancer Research Center, ASSIGNEE, having a place of business at 1100 Fairview Avenue North, Seattle, Washington 98109, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in

DOCKET NO.: HTCH-0128

the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 2nd day of January, year of 2012 ²⁰¹²

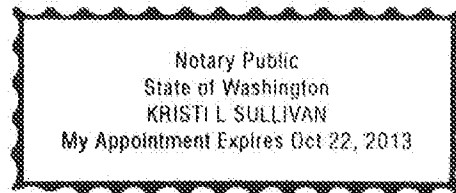
[Signature]
Signature

STATEMENT OF NOTARY PUBLIC

STATE OF Washington:

: SS

COUNTY OF King:



On this 2nd day of January, year of 2012 ²⁰¹³, before me personally came the above named Cassian YEE to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

[Signature]
Notary Public

The foregoing assignment covers patent application number 13/696,303, filed on Nov. 5, 2012.

/Peter J. Knudsen/
Name of Attorney: Peter J. KNUDSEN
Registration No.: 40,682
Date of Insertion: Jan. 8, 2013

ASSIGNMENT

WHEREAS, I, Yongqing LI, a citizen of China, residing at 19249 – 12th Avenue NE, Shoreline, Washington 98155, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number HTCH-0128 (“the invention”), which is entitled CONDITIONAL SUPERAGONIST CTL LIGANDS FOR THE PROMOTION OF TUMOR-SPECIFIC CTL RESPONSES (“the subject application”), which is a national stage application of PCT Application Number PCT/US2011/035272, filed May 4, 2011, and which claims priority to U.S. provisional patent application number 61/331,260, filed May 4, 2010 (“the priority application”). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, Fred Hutchinson Cancer Research Center, ASSIGNEE, having a place of business at 1100 Fairview Avenue North, Seattle, Washington 98109, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors’ certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in

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the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 17 day of Nov, year of 2012.

Yongqing Li
Signature

STATEMENT OF NOTARY PUBLIC

STATE OF NEW YORK:

: SS

COUNTY OF Richmond:

On this 17 day of NOVEMBER, year of 2012, before me personally came the above named Yongqing LI to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Rigault Robert
Notary Public

RIGAULBERT ROBERT
Notary Public - State of New York
NO. 01R06270419
Qualified in Richmond County
My Commission Expires 10-15-2016

The foregoing assignment covers patent application number 13/696,303, filed on Nov. 5, 2012.

/Peter J. Knudsen/
Name of Attorney: Peter J. KNUDSEN
Registration No.: 40,682
Date of Insertion: _____

ASSIGNMENT

WHEREAS, I, C. Siddiq ABDUL-ALIM, a citizen of the United States of America, residing at 4511 South 217th Street, Kent, Washington 98032, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number HTCH-0128 ("the invention"), which is entitled CONDITIONAL SUPERAGONIST CTL LIGANDS FOR THE PROMOTION OF TUMOR-SPECIFIC CTL RESPONSES ("the subject application"), which is a national stage application of PCT Application Number PCT/US2011/035272, filed May 4, 2011, and which claims priority to U.S. provisional patent application number 61/331,260, filed May 4, 2010 ("the priority application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, Fred Hutchinson Cancer Research Center, ASSIGNEE, having a place of business at 1100 Fairview Avenue North, Seattle, Washington 98109, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

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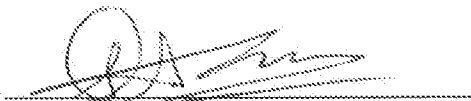
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request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 2 day of November, year of 2012.


Signature

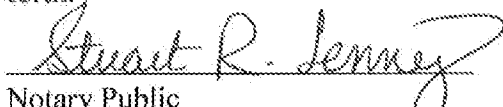
STATEMENT OF NOTARY PUBLIC

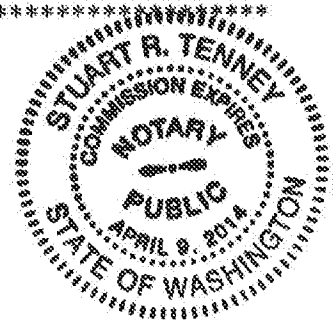
STATE OF Washington:

: SS

COUNTY OF King:

On this 2nd day of November, year of 2012, before me personally came the above named C. Siddiq ABDUL-ALIM to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.


Notary Public



The foregoing assignment covers patent application number 13/396,303, filed on Nov. 5, 2012.

/Peter J. Knudsen/
Name of Attorney: Peter J. KNUDSEN
Registration No.: 40,682
Date of Insertion: Jan. 8, 2013