

|                                      |
|--------------------------------------|
| <b>PATENT ASSIGNMENT COVER SHEET</b> |
|--------------------------------------|

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4829178

|   |  |
|---|--|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                             |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                                 |
| <b>CONVEYING PARTY DATA</b>   |  |
| <b>Name</b>   | <b>Execution Date</b>                      |
| CASSIAN YEE   | 02/15/2018                                 |
| <b>RECEIVING PARTY DATA</b>   |  |
| <b>Name:</b>  | THE FRED HUTCHINSON CANCER RESEARCH CENTER |
| <b>Street Address:</b>  | 1100 FAIRVIEW AVE. N.                      |
| <b>City:</b>  | SEATTLE                                    |
| <b>State/Country:</b>   | WASHINGTON                                 |
| <b>Postal Code:</b>   | 98109                                      |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |
| <b>Property Type</b>  | <b>Number</b>                              |
| <b>Application Number:</b>  | 14468326                                   |
| <b>CORRESPONDENCE DATA</b>  |  |
| <b>Fax Number:</b>  |  |
| <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> |  |
| <b>Phone:</b>   | 3014536112                                 |
| <b>Email:</b>   | hmcbee@mmwvlaw.com, docketing@mmwvlaw.com  |
| <b>Correspondent Name:</b>  | MMWV IP LLC.                               |
| <b>Address Line 1:</b>  | 510 SOUTH MARKET STREET                    |
| <b>Address Line 4:</b>  | FREDERICK, MARYLAND 21701                  |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 3000011-002000                             |
| <b>NAME OF SUBMITTER:</b>   | HANNAH MCBEE                               |
| <b>SIGNATURE:</b>   | /Hannah McBee/                             |
| <b>DATE SIGNED:</b>   | 02/19/2018                                 |
| This document serves as an Oath/Declaration (37 CFR 1.63).  |  |
| <b>Total Attachments: 2</b>   |  |
| source=3000011-002000_Signed_Assign-Dec#page1.tif   |  |
| source=3000011-002000_Signed_Assign-Dec#page2.tif   |  |

**ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)**

**ASSIGNMENT**

Whereas, I/we, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, **The Fred Hutchinson Cancer Research Center** (assignee), whose business address is  
Seattle WA

desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above name assignor(s), hereby sell, assign and transfer to the above named assignee, its successors, legal representatives, and assigns, my/our entire right, title and interest, if any, in the invention and the application for the United States of America, including all direct and indirect divisions, continuations, and continuations-in-part thereof, and all original, extended, reissued, reviewed, and reexamined Letters Patent of the United States, and all countries foreign thereto, that may be granted thereon, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will without further consideration, communicate all facts known to me/us and execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee, its successors, legal representatives, or assigns. I/We further represent and warrant that I/we have the full right to convey the interest assigned by this assignment, and that I/we have not granted any rights inconsistent with the rights granted herein. I/we further acknowledge an obligation of assignment of this invention to assignee at the time the invention was made.

(Legalization not required for recording but is *prima facie* evidence of execution under 35 U.S.C. §261.)

**DECLARATION**

As a below named inventor, I hereby declare that this assignment with declaration is directed to:

- The attached application, OR  PCT International Application Number  
14/468,326 filed on August 25, 2014

Title: **METHODS OF USING IL-21 FOR ADOPTIVE IMMUNOTHERAPY AND IDENTIFICATION OF TUMOR ANTIGENS**

The above identified application was made or was authorized to be made by me.

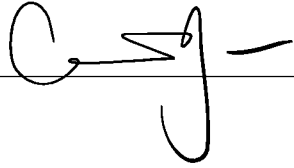
I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.

SOLE OR FIRST INVENTOR

Name: Cassian Yee

Mailing Address:  
Seattle WA

Signature:  Date: Feb 15, 2018