

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4903023

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID R. LIU	10/21/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HOWARD HUGHES MEDICAL INSTITUTE
<b>Street Address:</b>	4000 JONES BRIDGE ROAD
<b>City:</b>	CHEVY CHASE
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	20815
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>PCT Number:</b>	US1768114
<b>Application Number:</b>	15852891
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	H0824.70237WO00-US01 CONF
<b>NAME OF SUBMITTER:</b>	ANGELA M. GRIFFITH
<b>SIGNATURE:</b>	/Angela M. Griffith/
<b>DATE SIGNED:</b>	04/06/2018
<b>Total Attachments: 2</b>	
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CONFIRMATION OF ASSIGNMENT

Confirmation of Assignment made 10/21, 2016, by David R. Liu, PhD (“Inventor”) to the Howard Hughes Medical Institute, a Delaware corporation (“HHMI”).

Recitals

WHEREAS, Inventor is an employee of HHMI and, as a condition of his employment, has signed the Intellectual Property Assignment Agreement (the “Intellectual Property Agreement”);

WHEREAS, pursuant to the Intellectual Property Agreement, Inventor (a) assigned to HHMI all rights he had in any intellectual property resulting from research by HHMI employees, alone or with others, whether or not patentable or copyrightable, and whether funded in whole or in part by HHMI (each a “Subject Property”) and (b) agreed to execute any agreements that may be desired by HHMI in connection with such assignment;

WHEREAS, Inventor has, alone or with others invented “Genome/Base-Editing Methods for Introducing Allelic Variants of the CCR5 Receptor Protective Against HIV Infection” which may be the subject of a patent application (the “Invention”), and the Invention is a Subject Property; and

WHEREAS, Inventor seeks to confirm the assignment of his interest in the Invention to HHMI, and HHMI desires the execution of a confirmatory assignment of all of Inventor’s right, title, and interest in the Invention.


NOW, THEREFORE, in consideration of the promises contained in and the acts performed and to be performed pursuant to the Intellectual Property Agreement and of other good and valuable consideration, the receipt of which is hereby acknowledged by Inventor, Inventor agrees as follows:


1. Assignment. Inventor hereby confirms the assignment to HHMI of his entire right, title, and interest in the Invention; any United States patent applications and all corresponding foreign patent applications which are directed to the Invention and any and all patents issued therefrom; all United States or foreign division and continuation applications based on any of the foregoing, and any and all patents issued therefrom; and all claims which are directed to the Invention and which may be contained in continuation-in-part applications or in patents which issue therefrom.

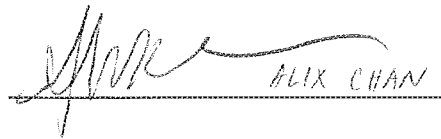
2. Cooperation. Inventor further confirms that Inventor agreed to execute upon request such further confirmatory assignments, documents, and other instruments as may be requested by HHMI in connection with the Invention and to assist HHMI (or others at the direction of HHMI) in applying for, obtaining, and enforcing patents, copyrights, or other rights in the United States and in any foreign country with respect to the Invention.

3. Parties. The terms and provisions of the Assignment shall inure to the benefit of HHMI and its successors and assigns and shall be binding on the Inventor and his heirs, personal representatives, successors and assigns.

4. Warranty. Inventor warrants and represents that he has not entered into any assignment, contract, or understanding in conflict herewith.

Inventor:   
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David R. Liu, PhD

Witness:  ALEKS MARKOVIC Date: 10/21/16

Witness:  ALIX CHAN Date: 10-21-16

HU 6334  
HHMI 06404