

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JESSE D. BLOOM	10/30/2015
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	Property Type	Number
	Application Number:	14898444
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DATE SIGNED:	12/15/2015	
Total Attachments: 3		
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ASSIGNMENT

WHEREAS, I, Jesse D. BLOOM (hereinafter referred to as ASSIGNOR), having a mailing address of 5600 Kirkwood Place North, #102, Seattle, Washington 98103, am the sole inventor of an invention entitled "COMPOSITIONS FOR MAKING RANDOM CODON-MUTANT LIBRARIES AND USES THEREOF," of International Application No. PCT/US2014/042406, accorded an International Filing Date of June 13, 2014, for which an application for United States letters patent is sought;

WHEREAS, FRED HUTCHINSON CANCER RESEARCH CENTER (hereinafter referred to as ASSIGNEE), a Washington nonprofit public benefit corporation having a place of business at 1100 Fairview Avenue North, Seattle, Washington 98109, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions including any extensions or adjustments in term thereof and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, and including the right to sue and collect damages for past and present infringement of said letters patent; said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

10/30/15
Date

Jesse Bloom (Assignor)
Jesse D. BLOOM

State of Washington)

County of King)

ss.

I certify that I know or have satisfactory evidence that Jesse D. BLOOM is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



Dated 10/30/15


Signature of Notary Public MBurden

Printed Name Marci Burden

My appointment expires 11/14/18

**FRED HUTCHINSON CANCER
RESEARCH CENTER**

11/2/15
Date

 (Assignee)
(Signatory Signature)

Nicole C. Robinson, PhD
VP, Business Development & Industry Relations
(Assignee Signatory Name, Title)

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