

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5130047

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
Name			Execution Date
HOWARD HUGHES MEDICAL INSTITUTE			01/09/2018
RECEIVING PARTY DATA			
Name:	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY		
Street Address:	P.O. BOX 20386		
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City:	STANFORD		
State/Country:	CALIFORNIA		
Postal Code:	94305-2038		
PROPERTY NUMBERS Total: 1			
Property Type	Number		
Application Number:	16014900		
CORRESPONDENCE DATA			
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<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>			
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ATTORNEY DOCKET NUMBER:	STAN-747US2CON2		
NAME OF SUBMITTER:	PAMELA J. SHERWOOD		
SIGNATURE:	/Pamela J. Sherwood, Reg No. 36,677/		
DATE SIGNED:	09/06/2018		
Total Attachments: 2			
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ASSIGNMENT OF APPLICATION

Atty Docket No. STAN-747US2CON

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THIS ASSIGNMENT, by **Howard Hughes Medical Institute** (hereinafter referred to as the assignor), having its principal place of business at 4000 Jones Bridge Road, Chevy Chase, Maryland, 20815-6789, U.S., witnesseth:

WHEREAS, the said assignor has invented certain new and useful improvements in:

"Measurement and Comparison of Immune Diversity by High-Throughput Sequencing"

8 filed on December 20, 2017 as U.S. Application Serial No. 15/848,715

WHEREAS, **The Board of Trustees of the Leland Stanford Junior University**, a non-profit organization duly organized under and pursuant to the laws of California, and having its principal place of business at Office of the General Counsel, Building 170, 3rd Floor, Main Quad, P.O. Box 20386, Stanford, California 94305-2038 (hereinafter referred to as the assignee), is desirous of acquiring their right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon;

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of their right title and interest in and to, as well as the right to claim priority of, the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND the said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date 1/9/18

Name of Inventor

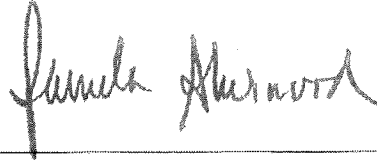

Quake, Stephen R.

For himself and as an agent for the Howard
Hughes Medical Institute

ASSIGNMENT OF APPLICATION

Atty Docket No. STAN-747US2CON
15/848,715 Filed December 20, 2017
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Hereby accepted on behalf of the assignee



Signature

January 9, 2018

Pamela J. Sherwood

Date

Name (print)

Senior Patent Agent

Bozicevic, Field & Francis LLP

Title and Company