

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6082184

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	TODD M. GIERAHN	05/02/2019
RECEIVING PARTY DATA		
Name:	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
Street Address:	77 MASSACHUSETTS AVENUE	
City:	CAMBRIDGE	
State/Country:	MASSACHUSETTS	
Postal Code:	02139	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16758485
CORRESPONDENCE DATA		
Fax Number:	(240)359-4879	
<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>		
Phone:	9122574864	
Email:	BROD.Assignments@jmi-iplaw.com	
Correspondent Name:	F. BRENT NIX, ESQ.	
Address Line 1:	JOHNSON, MARCOU, ISAACS & NIX, LLC	
Address Line 2:	P.O. BOX 691	
Address Line 4:	HOSCHTON, GEORGIA 30548	
ATTORNEY DOCKET NUMBER:	BROD-2325US	
NAME OF SUBMITTER:	SUSAN FRATTURA	
SIGNATURE:	/Susan Frattura/	
DATE SIGNED:	04/28/2020	
Total Attachments: 4		
source=BI_10238_Signed_Gierahn_Assignment_BROD_2325US#page1.tif		
source=BI_10238_Signed_Gierahn_Assignment_BROD_2325US#page2.tif		
source=BI_10238_Signed_Gierahn_Assignment_BROD_2325US#page3.tif		
source=BI_10238_Signed_Gierahn_Assignment_BROD_2325US#page4.tif		

ASSIGNMENT

WHEREAS, we, **TRAVIS HUGHES**, having a correspondence address of c/o 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, **MARC H. WADSWORTH, II**, having a correspondence address of c/o 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, **ALEXANDER K. SHALEK**, having a correspondence address of c/o 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, **TODD M. GIERAHN**, having a correspondence address of c/o 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, **J. CHRISTOPHER LOVE**, having a correspondence address of c/o 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, and **ANG A. TU**, having a correspondence address of c/o 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, have invented with others certain inventions and improvements disclosed in an International PCT Patent Application entitled “**CALLING GENETIC VARIATION FROM SINGLE-CELL TRANSCRIPTOMES**,” filed in the United States Patent and Trademark Office as Receiving Office on October 23, 2018 and assigned PCT International Application No. PCT/US2018/057170; and

WHEREAS, **MASSACHUSETTS INSTITUTE OF TECHNOLOGY**, having a principal place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, is desirous of acquiring an interest in the same; and

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we, **TRAVIS HUGHES, MARC H. WADSWORTH, II, ALEXANDER K. SHALEK, TODD M. GIERAHN, J. CHRISTOPHER LOVE**, and **ANG A. TU**, *by these presents, do sell, assign, and transfer unto said Assignee, MASSACHUSETTS INSTITUTE OF TECHNOLOGY*, our full, exclusive, and entire right, title, and interest in and to said applications, in and to any divisions, continuations, reexaminations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said applications, preparatory to obtaining Letters Patent of the United States therefor; and we hereby request the Director of the U.S. Patent and Trademark Office to issue any and all Letters Patent of the United States resulting from said applications, or from a division, continuation, reexamination, or reissue thereof, to **MASSACHUSETTS INSTITUTE OF TECHNOLOGY**, for its interest and for the use and benefit of **MASSACHUSETTS INSTITUTE OF TECHNOLOGY**, as assignees, and its assigns and legal representatives;

For the same consideration, we, by these presents, do sell, assign, and transfer to **MASSACHUSETTS INSTITUTE OF TECHNOLOGY**, our full, exclusive, and entire right, title, and interest in and to any foreign application or applications corresponding to said applications, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **MASSACHUSETTS INSTITUTE OF TECHNOLOGY**, or its designees insofar as permitted by applicable law;

AND, for the same consideration, we agree to sign all lawful papers, execute all division, continuing, reexamination, reissue, and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **MASSACHUSETTS INSTITUTE OF**

Assignment
PCT Application No. PCT/US2018/057170
Hughes, Wadsworth, Shalek, Gierahn, Love, Tu

TECHNOLOGY, its successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

In testimony whereof, we hereunto set our hands and seals on the dates indicated below.

TRAVIS HUGHES

DATE

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF MIDDLESEX

Before me, a Notary Public in and for the aforementioned state, on this _____ day of _____, 20____, personally appeared **TRAVIS HUGHES**, who, being duly sworn, signed and acknowledged the foregoing Assignment.

NOTARY PUBLIC

My Commission Expires: _____

MARC H. WADSWORTH II

DATE

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF MIDDLESEX

Before me, a Notary Public in and for the aforementioned state, on this _____ day of _____, 20____, personally appeared **MARC H. WADSWORTH II**, who, being duly sworn, signed and acknowledged the foregoing Assignment.

NOTARY PUBLIC

My Commission Expires: _____

Assignment
PCT Application No. PCT/US2018/057170
Hughes, Wadsworth, Shalek, Gierahn, Love, Tu

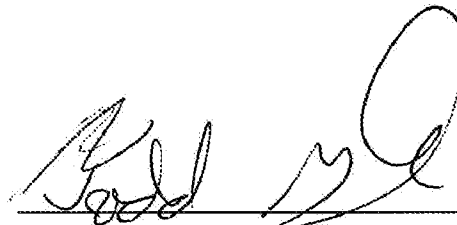
ALEXANDER K. SHALEK DATE

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF MIDDLESEX

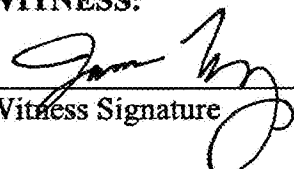
Before me, a Notary Public in and for the aforementioned state, on this _____ day
of _____, 20_____, personally appeared **ALEXANDER K. SHALEK**,
who, being duly sworn, signed and acknowledged the foregoing Assignment.

NOTARY PUBLIC

My Commission Expires: _____

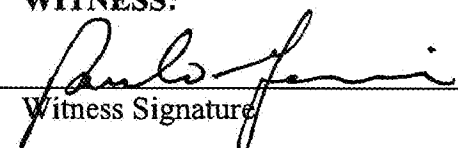
 5/2/2019
TODD M. GIERAHN DATE

WITNESS:

 5/2/19
Witness Signature Date

JAMES F. HANLON
Witness Printed Name

WITNESS:

 5/2/19
Witness Signature Date

Paulo Gouveia
Witness Printed Name

Assignment
PCT Application No. PCT/US2018/057170
Hughes, Wadsworth, Shalek, Gierahn, Love, Tu

J. CHRISTOPHER LOVE **DATE**

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF MIDDLESEX

Before me, a Notary Public in and for the aforementioned state, on this _____ day
of _____, 20_____, personally appeared **J. CHRISTOPHER LOVE**,
who, being duly sworn, signed and acknowledged the foregoing Assignment.

NOTARY PUBLIC
My Commission Expires: _____

ANG A. TU **DATE**

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF MIDDLESEX

Before me, a Notary Public in and for the aforementioned state, on this _____ day
of _____, 20_____, personally appeared **ANG A. TU**, who, being duly
sworn, signed and acknowledged the foregoing Assignment.

NOTARY PUBLIC
My Commission Expires: _____