

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5250576

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF ASSIGNEE previously recorded on Reel 042345 Frame 0074. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
ERIC LANDER	06/06/2016
RECEIVING PARTY DATA	
Name:	THE BROAD INSTITUTE, INC.
Street Address:	415 MAIN STREET
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02142
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15482603
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, LLC
Address Line 2:	P.O. BOX 691
Address Line 4:	HOSCHTON, GEORGIA 30548
ATTORNEY DOCKET NUMBER:	BROD-3480US1
NAME OF SUBMITTER:	SUSAN FRATTURA
SIGNATURE:	/Susan Frattura/
DATE SIGNED:	11/26/2018
Total Attachments: 3	
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4385309

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ERIC LANDER	06/06/2016
RECEIVING PARTY DATA	
Name:	THE BROAD INSTITUTE INC.
Street Address:	415 MAIN STREET
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02142
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15482603
CORRESPONDENCE DATA	
Fax Number:	(212)407-7799
<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:	2124077700
Email:	ipdocketny@vedderprice.com
Correspondent Name:	THOMAS J. KOWALSKI
Address Line 1:	1633 BROADWAY
Address Line 2:	VEDDER PRICE P.C.
Address Line 4:	NEW YORK, NEW YORK 10019
ATTORNEY DOCKET NUMBER:	47627.04.2131
NAME OF SUBMITTER:	JOSHUA HAMLET
SIGNATURE:	/Joshua Hamlet/
DATE SIGNED:	04/26/2017
Total Attachments: 2	
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source=992131EricLander#page2.tif	

[Signature] 8.27.18

ASSIGNMENT

having a correspondence address of c/o 415 Main Street, Cambridge, MA 02142
I, Eric Lander, residing at ~~74B Fayerweather Street, Cambridge, MA 02138, USA~~, being

the inventor(s) of certain improvements in the international application entitled: **NOVEL CRISPR ENZYMES AND SYSTEMS** for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby assign unto ~~THE BROAD INSTITUTE INC.~~ having a place of business at 415 Main Street, Cambridge, MA 02142, USA, its successors and assigns (1) the entire right, title and interest in all countries throughout the world in and to any and all of my inventions and discoveries in my United States Provisional Application No. 62/320,231 filed April 8, 2016 and a PCT International Application filed under the Patent Cooperation Treaty in the PCT United States Receiving Office (ROUS) on June 17, 2016 identified as ~~International~~ Application No. PCT/US2016/038258, and designating all PCT member countries/states, as well as in any renewals, revivals, ~~reissues~~, reexaminations, extensions, continuations and divisions thereof, and any ~~substitute~~ applications therefore; (2) the full and complete right to file patent applications in the name of ~~THE BROAD INSTITUTE INC.~~, or their designer's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right title and interest in and to any Letters Patent which may issue on the aforesaid inventions, discoveries and applications in any country of the world and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of continuation, registration and importation of the same; and (4) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the following application(s):

United States Provisional Application No. 62/320,231 filed April 8, 2016, and all rights of priority in any country of the world deriving from the above-identified International Application.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in any country throughout the world to ~~THE BROAD INSTITUTE INC.~~ as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

I agree, at any time, upon the request of ~~THE BROAD INSTITUTE INC.~~ to execute and to deliver to ~~THE BROAD INSTITUTE INC.~~ any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of

THE BROAD INSTITUTE, INC.

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