PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6113154

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SIDDHARTHA MUKHERJEE	04/04/2018
FLORENCE BOROT	04/04/2018
ABDULLAH MAHMOOD ALI	04/03/2018

RECEIVING PARTY DATA

Name:	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
Street Address:	412 LOW MEMORIAL LIBRARY
Internal Address:	535 WEST 116TH STREET
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10027

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16877932

CORRESPONDENCE DATA

Fax Number: (914)288-0023

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.

Phone: 9142880022

Email: uspto@leasonellis.com
Correspondent Name: LEASON ELLIS LLP
Address Line 1: ONE BARKER AVENUE

Address Line 2: FIFTH FLOOR

Address Line 4: WHITE PLAINS, NEW YORK 10601

ATTORNEY DOCKET NUMBER:	01001/004965-US8
NAME OF SUBMITTER:	BONNIE KRAMER CARNEY
SIGNATURE:	/bonnie kramer carney/
DATE SIGNED:	05/19/2020

Total Attachments: 4 source=02485900#page1.tif

PATENT 506066439 REEL: 052700 FRAME: 0706

source=02485900#page2.tif
source=02485900#page3.tif
source=02485900#page4.tif

PATENT REEL: 052700 FRAME: 0707

ASSIGNMENT

- I, Siddartha Mukherjee, having a residence at New York NY, 10027;
- I, Florence Borot, having a residence at New York, NY, 10027;
- I, Abdullah Mahmood Ali, having a residence at New York, NY, 10027; and

(hereinafter "ASSIGNORS") in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, furnished to ASSIGNORS by

The Trustees of Columbia University in the City of New York

a Corporation having a place of business at 412 Low Memorial Library, 535 West 116th Street, New York, NY 10027 (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated entire right, title, and interest, throughout the world in and to our Invention entitled:

COMPOSITIONS AND METHODS FOR INHIBITION OF LINEAGE SPECIFIC ANTIGENS

invented by us and described in Patent Application No. 15/655,432, filed July 20, 2017, in the United States of America; and any and all improvements thereto, and in and to the application and any division, continuation, or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues or reexams thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements, including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, and in and to any other applications based in whole or in part on any of the foregoing, said interest being our entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

1

And for the consideration aforesaid, we hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, we will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and we hereby appoint every present or future officer of said ASSIGNEE as our agent to sign all such papers and to do all such necessary acts on our behalf, to the fullest extent permitted by law;

And we hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

We represent and warrant that we have the full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or right heretofore given.

We declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that we have signed this document as our own free act and that all of the foregoing is true and correct.

2

Dated: 04 04 2018

Siddartha Mukherjee, Inventor

Dated: 414/2018

Florence Borot, Inventor

Dated: 4/3/2018

Abdullah Mahmood Ali, Inventor

ACCEPTANCE BY ASSIGNEE

In connection with an assignment in any jurisdiction in which an acceptance by ASSIGNEE is required, I hereby accept this assignment on behalf of The Trustees of Columbia University in the City of New York. I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that (check all that apply):

	I am an officer of the above-identified ASSIGNEE,
V	I have signed this document on behalf of ASSIGNEE with the full authority of the ASSIGNEE.

and that all the foregoing is true and correct.

Dated: APRIL 11, 2018

By: Name:

Title:

Thomas H. Burrows Jr., J.D.
Associate General Counsel
Columbia University
New York, N.Y. U.S.A.
(212) 854:0881

4