PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAAR GILL	09/22/2017
MICHAEL KLICHINSKY	09/22/2017
CARL H. JUNE	09/21/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15747555

CORRESPONDENCE DATA

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KATHRYN DOYLE, SAUL EWING ARNSTEIN & LEHR, LLP **Correspondent Name:**

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ATTORNEY DOCKET NUMBER: 046483-7084US1(01543) **NAME OF SUBMITTER:** KATHRYN DOYLE SIGNATURE: /KATHRYN DOYLE, REG. NO. 36317/ **DATE SIGNED:** 03/31/2020

Total Attachments: 4

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> **PATENT** REEL: 052269 FRAME: 0941 505992530

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PATENT REEL: 052269 FRAME: 0942 **ASSIGNMENT**

438 POPLAR ST. PHILADELPHIA PA 19123 WHEREAS, we, Saar Gill, a citizen of the United States of America, having a mailing address of 30 North Third Street, Apt. 4A, Philadelphia, PA 19106, Michael Klichinsky a citizen of the United States of America, having a mailing address of 1810 Spruce Street, Philadelphia, PA 19103, Carl H. June, a citizen of the United States of America, having a mailing address of 409 Baird Road, Merion, PA 19066 hereinafter generally referred to as "ASSIGNORS," have invented a certain new and useful

MODIFIED MONOCYTES/MACROPHAGE EXPRESSING CHIMERIC ANTIGEN RECEPTORS AND USES THEREOFRHYTHMS

for which we have filed PCT International Patent Application No. PCT/US2016/044440, filed July 28, 2016, which claims priority to U.S. Provisional Patent Application No. 62/197,675, filed July 28, 2015.

AND, WHEREAS, The Trustees Of The University Of Pennsylvania hereinafter referred to as the assignee, of 3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104, a university of higher education in Pennsylvania, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said provisional application, and to any patent application(s) corresponding thereto, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in exchange for valuable consideration from the receipt of which is hereby acknowledged and intending to be bound, we, the said assignors, have sold, assigned, transferred and set over, effective as of the execution date of this assignment and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said provisional application and any and all corresponding patent application(s) and continuations, divisions and renewals of and substitutes for said corresponding patent application(s), and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in my name corresponding patent applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the

> **PATENT REEL: 052269 FRAME: 0943**

title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and we agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents of applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 22 day of Sept.	, year of <u>2017</u> .
Saar Gill **********************************	*************
Philadelphia PA Signed At (City/State)	
Ohelsey A. Molineaux Name	
Signature / Molivair	
Sept. 22, 2017 Date	

SAUL EWING Ref #046483-7084WO1(01172) PENN Ref# 15-7425 PATENT

SAUL EWING Ref #046483-7084WO1(01172) PENN Ref# 15-7425 PATENT

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.
Executed this 21 day of SIP+, year of 2017.
Carl H. June

Philadelphia Pennyyvania Signed At (City/State)
Name Molineaux
Signature J MolNeur
9[21][7
Date