506613037 04/15/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6659844

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID BARRETT	12/21/2016

RECEIVING PARTY DATA

Name:	THE CHILDREN'S HOSPITAL OF PHILADELPHIA
Street Address:	34TH ST. AND CIVIC CENTER BLVD.,
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19104-4399

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	15567156
Application Number:	62149249

CORRESPONDENCE DATA

Fax Number: (617)395-7070

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: (617) 395-7011

Email: RGPatents@LALaw.com
Correspondent Name: LANDO & ANASTASI, LLP

Address Line 1: 60 STATE STREET, 23RD FLOOR
Address Line 4: BOSTON, MASSACHUSETTS 02109

TTORNEY DOCKET NUMBER: N2067-709400/US	
NAME OF SUBMITTER:	ROSHNI GHOSH
SIGNATURE:	/Roshni Ghosh/
DATE SIGNED:	04/15/2021

Total Attachments: 2 source=Barrett#page1.tif source=Barrett#page2.tif

PATENT 506613037 REEL: 055937 FRAME: 0643

ASSIGNMENT OF INVENTION

WHEREAS, I, David Barrett, hereafter referred to as INVENTOR, have made a certain new and useful invention in Methods for Improving the Efficacy and Expansion of Chimeric Antigen Receptor-Expressing Cells and have filed an application Serial No PCT/US16/27751 for Letters Patent of the United States based thereon on April 15, 2016 which claims priority to United States Provisional Application Serial No. 62/149,249 filed on April 17, 2015.

WHEREAS, I, the INVENTOR, is associated with THE CHILDREN'S HOSPITAL OF PHILADELPHIA as an employee of THE CHILDREN'S HOSPITAL OF PHILADELPHIA or was an employee at the time of the conceived invention at THE CHILDREN'S HOSPITAL OF PHILADELPHIA.

WHEREAS, THE CHILDREN'S HOSPITAL OF PHILADELPHIA, a non-profit Corporation, organized and existing under the laws of the Commonwealth of Pennsylvania and having an office and place of business at 3401 Civic Center Boulevard, Philadelphia, Pennsylvania 19104, is desirous of acquiring the entire right, title and interest in and to the invention and all improvements thereon which may be made, conceived or acquired by INVENTORS, during the course of their association with THE CHILDREN'S HOSPITAL OF PHILADELPHIA, aforesaid and for one year thereafter, in and throughout the United States, its territories and all countries foreign thereto, and in and to said application for Letters Patent, and in and to any and all utility patent applications and Letters Patents of the United States and all countries foreign thereto which have been granted or may be granted on said invention or any part thereof, including the right to claim priority and assignment of all rights under the provisions of the International Convention.

NOW, THEREFORE, IN CONSIDERATION of one or more of the following: (i) my continued employment at THE CHILDREN'S HOSPITAL OF PHILADELPHIA including its Research Institute (collectively, "THE CHILDREN'S HOSPITAL OF PHILADELPHIA"); (ii) my continued participation in research at THE CHILDREN'S HOSPITAL OF PHILADELPHIA; (iii) my continued access to THE CHILDREN'S HOSPITAL OF PHILADELPHIA facilities, funds, and other resources; and/or (iv) my continued opportunity to share in royalties and other inventor/author rights outlined in THE CHILDREN'S HOSPITAL OF PHILADELPHIA's current "Patent Policy" (the "Patent Policy), and intending to be legally bound, hereby agree to be legally bound by the Patent Policy and all of its terms conditions, wherein the receipt of such consideration is hereby acknowledged; INVENTORS, by these presents do hereby sell, assign and transfer unto the said THE CHILDREN'S HOSPITAL OF PHILADELPHIA the entire right, title, and interest in and throughout the United States, its territories and all countries foreign thereto in and to said invention, in and to said application for Letters Patent and any and all utility patent applications and Letters Patents and extensions thereof, of the United States and countries foreign thereto which have been or may be granted on said invention or any part thereof and any international priority rights associated therewith; including the right to claim priority and assignment of all rights under the provisions of the International Convention.

TO BE HELD AND ENJOYED by the said THE CHILDREN'S HOSPITAL OF PHILADELPHIA and its legal representatives and assigns to the full ends of the terms United States Patent Application No. PCT/US16/27751 for which said Letters Patent, or any of them, have been granted as fully and entirely as the same would have been held and enjoyed by INVENTOR, had no sale and assignment of said interest been made; and INVENTOR, does hereby authorize and request the Commissioner of Patents

Page 1 of 2

and Trademarks to issue any and all Letters Patents which may be granted upon the said application above referred to, or any of them or upon said invention or any part thereof, to THE CHILDREN'S HOSPITAL OF PHILADELPHIA, and INVENTOR, does hereby agree for myself, my heirs, executors and administrators, to execute without further consideration, any further legal documents and any further assignments and any releases, reissues, renewals or other application for Letters Patents that may be deemed necessary by THE CHILDREN'S HOSPITAL OF PHILADELPHIA, to fully secure to THE CHILDREN'S HOSPITAL OF PHILADELPHIA, its interest as aforesaid in and to said invention or any part thereof and in and to several Letters Patent or any of them.

INVENTOR, does hereby covenant for their self and their legal representatives, and agree with THE CHILDREN'S HOSPITAL OF PHILADELPHIA and its legal representatives, that INVENTOR, has granted no license to make or sell the said invention, that prior to the execution of this deed our right, title and interest in the said invention has not been encumbered, that INVENTOR, then had good right and title in and to the invention and that INVENTOR, has not executed and will not execute any instrument in conflict therewith.

IN WITNESS WHEREOF, I, David Barrett, intending to be legally bound, have hereunto affixed my hand

and seal this day 31 of December	2016.
	8 m poweth
·	David Barrett
STATE OF PENNSYLVANIA	
SS.	
CITY OF PHILADELPHIA	
Before me personally appeared said	and acknowledged the digital d
Stephanie data (5 Notary Public	EAL)
COMMONWEALTH OF PENNSYLVANIA	
NOTARIAL SEAL STEPHANIE LASTE, Notary Public City of Philadelphia, Phila. County Viv Commission Excites December 23, 2018	

Page 2 of 2