

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5162281

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAWEL KALINSKI	09/25/2018
RAVIKUMAR MUTHUSWAMY	09/25/2018
RECEIVING PARTY DATA	
Name:	UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION
Street Address:	130 THACKERY AVENUE
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15260
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15529124
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	jbender@mcciplaw.com
Correspondent Name:	MEUNIER CARLIN & CURFMAN LLC
Address Line 1:	999 PEACHTREE STREET, NE
Address Line 2:	SUITE 1300
Address Line 4:	ATLANTA, GEORGIA 30309
ATTORNEY DOCKET NUMBER:	10504-002US1
NAME OF SUBMITTER:	JACINTA L. BENDER
SIGNATURE:	/Jacinta L. Bender/
DATE SIGNED:	09/27/2018
Total Attachments: 3	
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ASSIGNMENT

Engr. M. Kalinski & R.M.
Lancaster, PA & R.M.
For valuable consideration, we, **Pawel KALINSKI** of **Wexford, PA**, and **Ravikumar MUTHUSWAMY** of **Monroeville, PA**, hereby assign to **UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION**, a non-profit corporation, organized and existing under the laws of the Commonwealth of Pennsylvania, having an office at 1st Floor Gardner Steel Conference Center, 130 Thackeray Avenue, Pittsburgh, Pennsylvania 15260, and its successors and assigns (collectively hereinafter "the Assignee"), our entire right, title, and interest throughout the world in the inventions and improvements that are subject of an application for United States Patent, titled "**ACTIVE CXCR4+ IMMUNE CELLS AND METHODS FOR THEIR PRODUCTION AND USE,**" filed May 24, 2017, and assigned U.S. Patent Application No. 15/529,124, this assignment including our rights in said application, any and all divisional, continuing, substitute, renewal, reissue and all other applications for patent that have been or shall be filed in the United States and all foreign countries on any such inventions or improvements; all original and reissued patents that have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 09/25 / 2018

Pawel Kalinski
Pawel KALINSKI

Dec 4th State 8th R.M.
COMMONWEALTH OF)
PENNSYLVANIA)
erie 1st R.M.) SS.
COUNTY OF ALLEGHENY)

On September 25th, 2018, before me, the undersigned, a notary public for the State of New York, there personally appeared **Pawel KALINSKI**

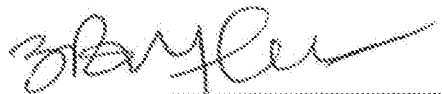
, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

Tara Ann Territo
Notary Public

Tara Ann Territo
Notary Public, State of New York
No. 01TE6375578
Qualified in Erie County
Commission Expires May 29, 2022

Date: 9/25/2018

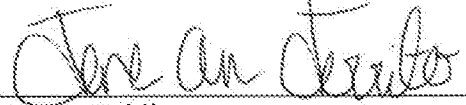


Ravikumar MUTHUSWAMY

New York State R.M. M
COMMONWEALTH OF)
PENNSYLVANIA)
ERIE R.M. M) SS.
COUNTY OF ALLEGHENY)

On September 25th, 2018, before me, the undersigned, a notary public for the State of New York, there personally appeared **Ravikumar MUTHUSWAMY**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.



Notary Public

Tara Ann Territo
Notary Public, State of New York
No. 01TE6375576
Qualified in Erie County
Commission Expires May 29, 2022