PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6954153

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAAR GILL	08/13/2015
MICHAEL MILONE	08/13/2015
DAVID L. PORTER	08/18/2015
MARCO RUELLA	08/13/2015

RECEIVING PARTY DATA

Name:	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
Street Address:	3160 CHESTNUT STREET
Internal Address:	SUITE 200
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19104

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16884867

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) 395-7006

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

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

ATTORNEY DOCKET NUMBER:	N2067-706420	
NAME OF SUBMITTER:	MARIA ARVENA DECICCO REPASS	
SIGNATURE:	/Maria A. DeCicco RePass/	
DATE SIGNED:	10/05/2021	

Total Attachments: 8

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PATENT REEL: 057709 FRAME: 0033

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<u>ASSIGNMENT</u>

WHEREAS, I, David L. Porter, a citizen of the United States of America, having a mailing address of 821 Crum Creek Road, Springfield, Pennsylvania, 19064, hereinafter generally referred to as "ASSIGNOR," have invented a certain new and useful

TREATMENT OF CANCER USING A CD123 CHIMERIC ANTIGEN RECEPTOR

for which we have filed a PCT International Application on August 19, 2014 and
accorded International Patent Application Number PCT/CN2014/084696;
and filed a PCT International Application on November 6, 2014 and accorded
International Patent Number PCT/CN2014/090508;
and/or filed a PCT International Application on August 19, 2015 and accorded
International Patent Application Number PCT/ US2015/045898;
and/or filed in the United States Patent and Trademark Office on August 19
20 15 and accorded Application Number 14/830,392 ;

AND, I appoint, authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said application when known;

AND, WHEREAS, The Trustees Of The University Of Pennsylvania 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 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, I, the said assignor, 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, nominces 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 me had this assignment, sale and transfer not bethe materials.

PHILAGELPHIA CITY, PERCARE PHIA CREY 23y Commission English Mat En. 2010

AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I 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 title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and I 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 I 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 WITNESS WHEREOF, I have hereunto set my hand and seal.

8/18/15	
Date /	David L. Porter

Before me, a notary public in and for the State and County aforesaid, on this // ___, 2015, personally appeared DAVID L. PORTER, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his/her free deed and act, signed, sealed and delivered by his/her for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

NOTARIAL SEAL JENNIFER L LEIGHT Notary Public

PHILADELPHIA CITY, PHILADELPHIA CNTY My Commission Expires Mar 16, 2016

Notary Public

My Commission Expires: 3.16.16

ASSIGNMENT

WHEREAS, I, Marco Ruella, a citizen of Italy, having a mailing address of 500 South 47th street, Apt. 207, Philadelphia, Pennsylvania, 19143, hercinafter generally referred to as "ASSIGNOR," have invented a certain new and useful

TREATMENT OF CANCER USING A CD123 CHIMERIC ANTIGEN RECEPTOR

for which we have filed a PCT International Application on August 19, 2014 and
accorded International Patent Application Number PCT/CN2014/084696;
and filed a PCT International Application on November 6. 2014 and accorded
International Fatent Number PCT/CN2014/090508;
and/or filed a PCT International Application on August 19 , 2015 and accorded
International Patent Application Number PCT/ US2015/045898
and/or filed in the United States Patent and Trademark Office on August 19
20_15 and accorded Application Number 14/830,392 ;

AND, I appoint, authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said application when known;

AND, WHEREAS, The Trustees Of The University Of Pennsylvania 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 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, I, the said assignor, 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 metal and enjoyed by me had this assignment, sale and transfer not been

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Attorney Docket No.: N2•67-7064

(PAT056403)

AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I 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 title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and I 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 I 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 assignce, as assignce 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 WITNESS WHEREOF, I have hereunto set my hand and seal.

Marco Ruellan / Kelle

COUNTY OF Philadel

Before me, a notary public in and for the State and County aforesaid, on this V of ALCONICT, 2015, personally appeared MARCO RUELLA, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his/her free deed and act, signed, sealed and delivered by his/her for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

My Commission Expires: 3.16-16

NOTARIAL SEAL JENNIFER I. LEIGHT Notary Public

PHILADELPHIA CITY, PHILADELPHIA CNTY My Commission Expires Mar 16, 2016

PATENT

REEL: 057709 FRAME: 0038

Attorney Docket No.: N2067-7064

(PAT056403)

ASSIGNMENT

WHEREAS, I, Michael Milone, a citizen of the United States of America, having a mailing address of 314 Surrey Road, Cherry Hill, New Jersey, 08002, hereinafter generally referred to as "ASSIGNOR," have invented a certain new and useful

TREATMENT OF CANCER USING A CD123 CHIMERIC ANTIGEN RECEPTOR

for which we have filed a PCT International Application on August 19, 2014 and
accorded International Patent Application Number PCT/CN2014/084696;
and filed a PCT International Application on November 6, 2014 and accorded
International Patent Number PCT/CN2014/090508;
and/or filed a PCT International Application on August 19 , 20 15 and accorded
International Patent Application Number PCT/_US2015/045898;
and/or filed in the United States Patent and Trademark Office on August 19,
20_15_ and accorded Application Number 14/830,392 ;

AND, I appoint, authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said application when known;

AND, WHEREAS, The Trustees Of The University Of Pennsylvania 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 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, I, the said assignor, 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 me had this assignment, sale and transfer not been made.

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Attorney Docket No.: N2067-7064

(PAT056403)

AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I 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 title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and I 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 I 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 WITNESS WHEREOF, I have hereunto set my hand and seal.

Michael Milone

STATE/COMMONWEALTH OF COUNTY OF MY

Before me, a notary public in and for the State and County aforesaid, on this 15 day of AUGUST, 2015, personally appeared MICHAEL MILONE, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his/her free deed and act, signed, sealed and delivered by his/her for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Notary Public

My Commission Expires: 3

NOTARIAL SEAL JENNIFER L LEIGHT Notary Public

PHILADELPHIA CITY, PHILADELPHIA CNTY My Commission France

PATENT

Attorney Docket No.: N2067-7064

(PAT056403)

ASSIGNMENT

WHEREAS, I, Saar Gill, a citizen of the United States of America, having a mailing address of 30 North 3rd Street, Apt. 4A, Philadelphia, Pennsylvania, 19106, hereinafter generally referred to as "ASSIGNOR," have invented a certain new and useful

TREATMENT OF CANCER USING A CD123 CHIMERIC ANTIGEN RECEPTOR

for which we have filed a PCT International Application on August 19, 2014 and
accorded International Patent Application Number PCT/CN2014/084696;
and filed a PCT International Application on November 6, 2014 and accorded
International Patent Number PCI/CN2014/090508;
and/or filed a PCT International Application on August 19 , 20 15 and accorded
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20 15 and accorded Application Number 14/830,392 ;

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NOW, THEREFORE, for and in exchange for valuable consideration from the receipt of which is hereby acknowledged and intending to be bound, I, the said assignor, 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 me had this assignment, sale and transfer not been made.

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AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I 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 title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives, and I 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 I 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 witnes	S WHEREOF, I have hereunto self	my hand and seal.
8/13/2018		
Date	Saar Gill	
COUNTY OF YOUR	.4	
known, and who baving first me first duly sworn, did a signed, scaled and delivered	public in and for the State and Count 5, personally appeared SAAR GI at executed the foregoing instrument the converge the foregoing instrument by his/her for the purpose thereing that said instrument be recorded.	U.L. , who being to me personally it in my presence and have been by nent as his/her free deed and act
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Notary Public

Commission Expires: 3

NOTARIAL SEAL JENNIFER L LEIGHT Notary Public

PHILADELPHIA CITY, PHILADELPHIA CNTY
My Commission Exores Mar 16, 2016

PATENT

REEL: 057709 FRAME: 0042

RECORDED: 10/05/2021