

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6179524

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	01/30/2020
RECEIVING PARTY DATA	
Name:	NOVARTIS AG
Street Address:	LICHTSTRASSE 35
City:	BASEL
State/Country:	SWITZERLAND
Postal Code:	4056
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:	15548202
CORRESPONDENCE DATA	
Fax Number:	(617)395-7070
<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>	
Phone:	(617) 395-7003
Email:	HRKPatents@LALaw.com
Correspondent Name:	LANDO & ANASTASI, LLP
Address Line 1:	60 STATE STREET, 23RD FLOOR
Address Line 4:	BOSTON, MASSACHUSETTS 02109
ATTORNEY DOCKET NUMBER:	N2067-7084US
NAME OF SUBMITTER:	HANNAH R. KOYFMAN
SIGNATURE:	/Hannah R. Koyfman/
DATE SIGNED:	06/30/2020

Total Attachments: 8

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ASSIGNMENT

WHEREAS, we, **The Trustees Of The University Of Pennsylvania of 3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104**, a university of higher education in **Pennsylvania** hereinafter generally referred to as "ASSIGNOR," have acquired the entire right, title and interest in and to

**CAR-EXPRESSING CELLS AGAINST MULTIPLE TUMOR ANTIGENS
AND USES THEREOF**

for which we have filed U.S. Provisional Application Number 62/111,094 on February 2, 2015;

and filed a PCT International Application on February 1, 2016 and accorded International Patent Application Number PCT/US2016/015978;

and filed in the United States Patent and Trademark Office on August 2, 2017 and accorded Application Number 15/548202;

AND, we 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**, and **Novartis AG**, a company incorporated in Switzerland whose address is **Lichtstrasse 35, 4056 Basel, Switzerland**, hereinafter referred to as the "ASSIGNEES", are 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, we, 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 assignees, 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 assignees, to file in our names corresponding patent applications for Letters Patent in all countries, the same to be held and enjoyed by said assignees, 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 title to said inventions or improvements, said application and said Letters Patent to said assignees, its successors, assigns, nominees or legal representatives, and we agree to communicate to said assignees, 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 assignees, 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 assignees, as assignees 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, we have hereunto set our hand and seal.

The Trustees Of The University Of Pennsylvania

Jan 30, 2020
Date

[Signature]
NAME: _____ (Seal)

Jennifer Langenberger
TITLE: Chief Operations Officer

Witnessed by:

Jacqueline Miraglia

Name:

Address:

PCI

3600 Civic Center Blvd

9th Floor

Philadelphia, PA 19104

Name:

Address:

[Signature]
Samantha Neiswender
3600 Civic Center Blvd 9th A.
Philadelphia, PA 19104

Novartis AG

_____	_____	(Seal)
Date	NAME:	

	TITLE:	

Witnessed by:

_____	_____
Name:	Name:
Address:	Address:

_____	_____	(Seal)
Date	NAME:	

	TITLE:	

Witnessed by:

_____	_____
Name:	Name:
Address:	Address:

ASSIGNMENT

WHEREAS, we, The Trustees Of The University Of Pennsylvania of 3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104, a university of higher education in **Pennsylvania** hereinafter generally referred to as "ASSIGNOR," have acquired the entire right, title and interest in and to

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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, we, 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 assignees, 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 assignees, to file in our names corresponding patent applications for Letters Patent in all countries, the same to be held and enjoyed by said assignees, 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 title to said inventions or improvements, said application and said Letters Patent to said assignees, its successors, assigns, nominees or legal representatives, and we agree to communicate to said assignees, 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 assignees, 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 assignees, as assignees 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, we have hereunto set our hand and seal.

The Trustees Of The University Of Pennsylvania

Date

NAME:

(Seal)

TITLE:

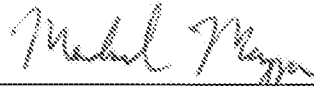
Witnessed by:

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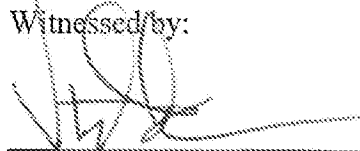
Novartis AG

24 February 2020

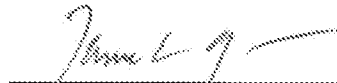


Michael Mazza
Authorized Signatory

Witnessed by:

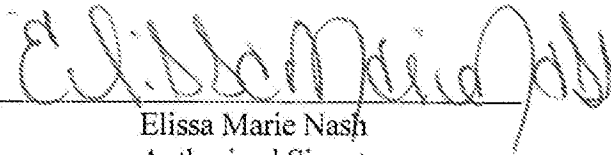


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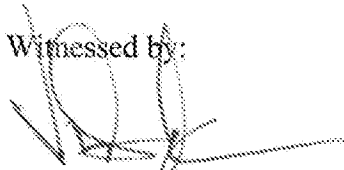
Name: JAMES L. GRANT
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24 February 2020

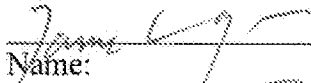


Elissa Marie Nash
Authorized Signatory

Witnessed by:



Name: VICTOR MAZZA
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Name: JAMES L. GRANT
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