

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	12/23/2022
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City:	BASEL
State/Country:	SWITZERLAND
Postal Code:	4056
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	18148807
Application Number:	16884867
Application Number:	15726703
Application Number:	14830392
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NAME OF SUBMITTER:	KATIE MASON
SIGNATURE:	/Katie Mason/
DATE SIGNED:	02/13/2023
Total Attachments: 4 source=N2067-706410_UPenn_to_UPenn_NVS_Assignment#page1.tif source=N2067-706410_UPenn_to_UPenn_NVS_Assignment#page2.tif source=N2067-706410_UPenn_to_UPenn_NVS_Assignment#page3.tif source=N2067-706410_UPenn_to_UPenn_NVS_Assignment#page4.tif	

ASSIGNMENT

WHEREAS, we, The Trustees of The University of Pennsylvania of 3600 Civic Center Boulevard, 9th Floor, Philadelphia, Pennsylvania 19104, a university of higher education in Pennsylvania hereinafter generally referred to as "ASSIGNOR," have acquired the entire right, title and interest of by virtue of the assignments dated, in and to

TREATMENT OF CANCER USING A CD123 CHIMERIC ANTIGEN RECEPTOR

for which we have filed in the United States Patent and Trademark Office on August 19, 2015 and accorded Patent Application No.: 14/830,392;¹

AND, WHEREAS, The Trustees of the University of Pennsylvania, whose address is 3600 Civic Center Boulevard, 9th Floor, 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.

¹ 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 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.

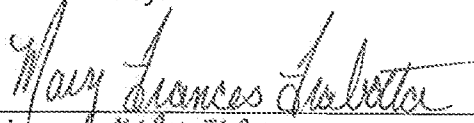
The Trustees of The University of Pennsylvania

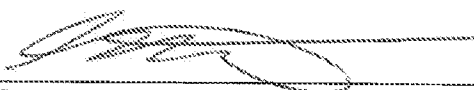
12/23/2022
Date


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Novartis AG

Jan 10, 2023
Date

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