505078011 09/05/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT5124768

CONVEYING PARTY DATA

Name	Execution Date
CARL NOVINA	05/24/2018
ROBERT DISTEL	05/31/2018
ALBERTO NOBILI	05/24/2018

RECEIVING PARTY DATA

Name:	DANA-FARBER CANCER INSTITUTE, INC.
Street Address:	450 BROOKLINE AVENUE
Internal Address:	OFFICE OF GENERAL COUNSEL 10BP-372A
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02215

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16077939

CORRESPONDENCE DATA

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Email: dmacbrayne@burnslev.com
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ATTORNEY DOCKET NUMBER:	52095-556N01US
NAME OF SUBMITTER:	DANIEL W. CLARKE
SIGNATURE:	/Daniel W. Clarke/
DATE SIGNED:	09/05/2018

Total Attachments: 4

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PATENT 505078011 REEL: 046788 FRAME: 0319

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PATENT REEL: 046788 FRAME: 0320

ASSIGNMENT

WE, Carl Novina, Robert Distel and Alberto Nobili, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that WE have sold and assigned, and do hereby assign, sell and transfer to Dana-Farber Cancer Institute, Inc., with offices at 450 Brookline Avenue, Office of General Counsel 10BP-372A, Boston, MA 02215, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) my/our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

IMMUNOTHERAPY COMPOSITIONS AND METHODS

filed with the U.S. Patent and Trademark Office on February 16, 2017 and assigned International Application No. PCT/US2017/018216, which claims the benefit of priority of U.S. Provisional Application No. 62/295,867, filed on February 16, 2016, including any subsequently filed utility applications, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

WE hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by myself/us had this assignment, sale and transfer not been made.

WE agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

WE further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

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Inventor(s): Carl Novina, et al.

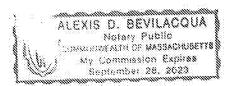
International Appl. No. PCT/US2017/018216

Filed: February 16, 2017

WE hereby coverant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

WE further covenant that ASSIGNEE will, upon its request, he provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 5/24/_	<i>a</i>		al (ul	D. Nas	
		Sigr	nature of:	CARL NOVI	NA
Date: <u>5/34/</u>	2018	***************************************			
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Inventor(s): Carl Novina, et al.

International Appl. No. PCT/US2017/018216 Filed: February 16, 2017

Date: 5/24/2012

Date: 5/24/2012

Signature of: ALBERTO NOBILI

Date: 5/24/2012

United States of America
State of County of C

18.25.-1393-1198-1

Inventor(s): Carl Novina, et al.

International Appl. No. PCT/US2017/018216

ALEXIS D. BEVILACOUA
Notery Public
COMMONWEATH OF WASSACHUSETTS
My Commission Expires
September 28, 2023

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