505370317 03/12/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALEXANDRA-CHLOE VILLANI	12/20/2018

RECEIVING PARTY DATA

Name:	THE GENERAL HOSPITAL CORPORATION
Street Address:	55 FRUIT STREET
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02114

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16325807

CORRESPONDENCE DATA

Fax Number: (240)359-4879

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.

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Address Line 2: P.O. BOX 691

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ATTORNEY DOCKET NUMBER:	BROD-2700US
NAME OF SUBMITTER:	SUSAN FRATTURA
SIGNATURE:	/Susan Frattura/
DATE SIGNED:	03/12/2019

Total Attachments: 2

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PATENT 505370317 REEL: 048573 FRAME: 0450

ASSIGNMENT

WHEREAS, we, ALEXANDRA-CHLOE VILLANI, having a correspondence address of c/o 55 Fruit Street, Boston, Massachusetts 02114 and, NIR HACOHEN, having a correspondence address of c/o 55 Fruit Street, Boston, Massachusetts 02114, have invented with others certain inventions and improvements disclosed in an International PCT Patent Application entitled "PRODUCT AND METHODS USEFUL FOR MODULATING AND EVALUATING IMMUNE RESPONSES," filed in the United States Patent and Trademark Office as Receiving Office on August 17, 2017, and assigned PCT International Application No. PCT/US2017/047422; and

WHEREAS, THE GENERAL HOSPITAL CORPORATION, having a principal place of business at 55 Fruit Street, Boston, Massachusetts 02114, is desirous of acquiring an interest in the same; and

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we, ALEXANDRA-CHLOE VILLANI and NIR HACOHEN, by these presents, do sell, assign, and transfer unto said Assignee, THE GENERAL HOSPITAL CORPORATION, our full, exclusive, and entire right, title, and interest in and to said applications, in and to any divisions, continuations, reexaminations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said applications, preparatory to obtaining Letters Patent of the United States therefor; and we hereby request the Director of the U.S. Patent and Trademark Office to issue any and all Letters Patent of the United States resulting from said applications, or from a division, continuation, reexamination, or reissue thereof, to THE GENERAL HOSPITAL CORPORATION for their interest and for the use and benefit of THE GENERAL HOSPITAL CORPORATION, as assignee, and their assigns and legal representatives;

For the same consideration, we, by these presents, do sell, assign, and transfer to THE GENERAL HOSPITAL CORPORATION, our full, exclusive, and entire right, title, and interest in and to any foreign application or applications corresponding to said applications, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of THE GENERAL HOSPITAL CORPORATION, or its designees insofar as permitted by applicable law;

AND, for the same consideration, we agree to sign all lawful papers, execute all division, continuing, reexamination, reissue, and other applications, make all assignments and rightful oaths, and generally do everything possible to aid THE GENERAL HOSPITAL

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CORPORATION, its successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

In testimony whereof, we hereunto set our hands and seals on the dates indicated below.

ALEXANDRA-CHLOE VILLANI COMMONWEALTH OF MASSACHUSETTS COUNTY OF MIDDLESEX. Before me, a Notary Public in and for the aforementioned state, on this of <u>PCom bec</u>, 20/8, personally appeared ALEXANDRA-CHLOE VILLANI, who, being duly sworn, signed and acknowledged the foregoing Assignment. CARMILINA M. COMMITO **Notary Public** Commonwealth of Massachusetts My Commission Exploss My Commission Expires: March 16, 2023 NIR HACOHEN Date COMMONWEALTH OF MASSACHUSETTS COUNTY OF MIDDLESEX Before me, a Notary Public in and for the aforementioned state, on this _____ day of ______, 20____, personally appeared NIR HACOHEN, who, being duly sworn, signed and acknowledged the foregoing Assignment. NOTARY PUBLIC

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My Commission Expires:

RECORDED: 03/12/2019