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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                   |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                       |
| <b>CONVEYING PARTY DATA</b>   |                                  |
| <b>Name</b>   | <b>Execution Date</b>            |
| NIR HACOHN  | 03/29/2017                       |
| <b>RECEIVING PARTY DATA</b>   |                                  |
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| <b>State/Country:</b>   | MASSACHUSETTS                    |
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| <b>PROPERTY NUMBERS Total: 1</b>  |                                  |
| <b>Property Type</b>  | <b>Number</b>                    |
| <b>Application Number:</b>  | 15537839                         |
| <b>CORRESPONDENCE DATA</b>  |                                  |
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| <b>NAME OF SUBMITTER:</b>   | JOSHUA HAMLET                    |
| <b>SIGNATURE:</b>   | /Joshua Hamlet/                  |
| <b>DATE SIGNED:</b>   | 06/28/2017                       |
| <b>Total Attachments: 2</b>   |                                  |
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| source=Executed_Assignment_-_N_Hacohen#page2.tif  |                                  |

ASSIGNMENT

I, Nir Hacohen, residing at: 117 Mason Terrace, Brookline, MA 02446, USA, being the inventor of certain improvements in the international application entitled: **MOLECULAR BIOMARKERS FOR CANCER IMMUNOTHERAPY** for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby assign unto **THE GENERAL HOSPITAL CORPORATION** having a place of business at **55 Fruit Street, Boston, MA 02114, USA**, its successors and assigns (1) the entire right, title and interest in all countries throughout the world in and to any and all of my inventions and discoveries in my United States Provisional Application Nos. 62/124,473 filed December 19, 2014, and a PCT International Application filed under the Patent Cooperation Treaty in the PCT United States Receiving Office (RO/US) on December 21, 2015, identified as International Application No. PCT/US15/67143, and designating all PCT member countries/states, as well as in any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefore; (2) the full and complete right to file patent applications in the name of **THE GENERAL HOSPITAL CORPORATION**, or their 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 on the aforesaid inventions, discoveries and applications in any country of the world 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 and to 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 following application:

a United State Provisional Application No. 62/124,473 filed December 19, 2014, and all rights of priority in any country of the world deriving from the above-identified International Application.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in any country throughout the world to **THE GENERAL HOSPITAL CORPORATION** as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

I agree, at any time, upon the request of **THE GENERAL HOSPITAL CORPORATION** to execute and to deliver to **THE GENERAL HOSPITAL**

**CORPORATION** 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.

I further agree, at any time, upon request of **THE GENERAL HOSPITAL CORPORATION**, to execute and to deliver to **THE GENERAL HOSPITAL CORPORATION**, 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 what is necessary to give full effect to and to perfect any and all rights of **THE GENERAL HOSPITAL CORPORATION**, 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.

In testimony of which I have hereupon affixed my signature it is my intention that this Assignment instrument be effective, and all rights transferred herein shall be considered to have vested in **THE GENERAL HOSPITAL CORPORATION** as from the December 19, 2014 the filing date of the first filed United States Provisional Application No. 62/124,473 from which priority is hereby claimed.

3/29/12  
Date

Nir Hacohe  
Nir Hacohe

Witness 1  
3/29/17  
Date

[Signature]  
Signature

Tack B. Aie  
Print Name

Witness 2

3/29/17  
Date

Carmelina Comito  
Signature

Carmelina Comito  
Print Name