

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5783572

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRYAN CHOI	03/06/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE GENERAL HOSPITAL CORPORATION
<b>Street Address:</b>	55 FRUIT STREET
<b>City:</b>	BOSTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02114
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16476595
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	51295-008004
<b>NAME OF SUBMITTER:</b>	JAMES D. DECAMP
<b>SIGNATURE:</b>	/James D. DeCamp/
<b>DATE SIGNED:</b>	10/23/2019
<b>Total Attachments: 3</b>	
source=51295-008WO4, 012001, 012002, 012003, 012WO4 Signed Assignment - Bryan Choi to MGH#page1.tif	
source=51295-008WO4, 012001, 012002, 012003, 012WO4 Signed Assignment - Bryan Choi to MGH#page2.tif	
source=51295-008WO4, 012001, 012002, 012003, 012WO4 Signed Assignment - Bryan Choi to MGH#page3.tif	

### ASSIGNMENT

For valuable consideration, I,

Full Name of Assignor	City	State (and Country if not USA)
Bryan Choi	Boston	Massachusetts

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
The General Hospital Corporation	Massachusetts	55 Fruit Street Boston, MA 02114

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by me, identified as:

Title of Application	Filing Date	Serial Number
T CELLS EXPRESSING A CHIMERIC ANTIGEN RECEPTOR	January 10, 2018	PCT/US2018/013221
T CELLS EXPRESSING A CHIMERIC ANTIGEN RECEPTOR	February 12, 2018	62/629,558
T CELLS EXPRESSING A CHIMERIC ANTIGEN RECEPTOR	November 27, 2018	62/771,998
METHODS AND COMPOSITIONS FOR TREATING CANCER	November 29, 2018	62/773,001
IMMUNE CELLS EXPRESSING A CHIMERIC ANTIGEN RECEPTOR	January 10, 2019	PCT/US2019/013103

and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. This assignment also includes the right to sue for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein, or provisional rights from any patent applications listed herein.

ASSIGNOR

Bryan Choi  
Bryan Choi

3/6/19  
Date

Witness:

Jim Smith  
Signature

3/6/19  
Date

JUDY EYFIELD  
Printed name

ASSIGNEE

BWT

Signature of the Representative of  
The General Hospital Corporation

3/7/19

Date

Representative Name: Bruce Tedeschi

Bruce W. Tedeschi, PhD, JD  
Director, Innovation  
The General Hospital Corporation

Representative Title: Director of IP

Witness:

[Handwritten Signature]

Signature

3/7/19

Date

Max del Rosario

Printed name