

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SARKIS K. MAZMANIAN	12/15/2008
JUNE L. ROUND	12/19/2008
RYAN MICHAEL O'CONNELL	12/19/2008
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Property Type	Number
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DATE SIGNED:	10/29/2018
Total Attachments: 2	
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CONFIRMATORY ASSIGNMENT

We, Sarkis MAZMANIAN, with a mailing address in the United States of America c/o California Institute of Technology, Biology, 1200 E. California Blvd, M/C 156-29, Pasadena, CA 91125; June L. ROUND, with a mailing address in the United States of America c/o California Institute of Technology, Biology, 1200 E. California Blvd, M/C 156-29, Pasadena, CA 91125; and Ryan Michael O'CONNELL residing in the United States of America at 518 S. El Molino #301, Pasadena, CA 91101 hereby confirm to have sold and assigned for good and valuable consideration, the receipt of which we hereby acknowledge,

to **CALIFORNIA INSTITUTE OF TECHNOLOGY**, an entity having its principal place of business in the United States of America at 1200 E. California Blvd MS 201-85, Pasadena CA 91125

hereinafter referred to as the assignee, its successors and assigns, our entire right, title and interest in and to the **IMMUNOMODULATING COMPOUNDS AND RELATED COMPOSITIONS AND METHODS**

invented by us, as described and claimed in U.S. Patent Application No.12/267,602 filed on **November 9, 2008** and in any related patent applications filed and/or to be filed not only for, to and in the United States of America its territories and possessions, but also for, to and in all other countries, including any and all divisions, reissues, continuations, continuation in parts and extensions, including all priority rights under U.S. law and/or International conventions, and authorize and request any officials whose duty it is to issue patents, to issue any patent on said **IMMUNOMODULATING COMPOUNDS AND RELATED COMPOSITIONS AND METHODS** and/or improvements thereof or resulting therefrom to said assignee or its successors or assigns, and agree to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation in part and/or reissue applications, make all rightful oaths and/or declarations and generally do everything possible to aid said assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in the United States of America and in all other countries.

Subscribed and executed at Pasadena, CA, USA
City Country
On 12/15/08
Date

Inventor Name: Sarkis MAZMANIAN

Inventor Signature



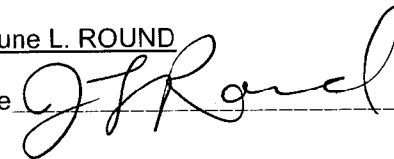
Witnessed by:
Witness Name _____ Signature _____

Witness Name _____ Signature _____

Subscribed and executed at Pasadena CA USA
City Country
On 12/19/08
Date

Inventor Name: June L. ROUND

Inventor Signature



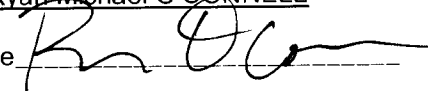
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Witness Name _____ Signature _____

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City Country
On 12/19/08
Date

Inventor Name: Ryan Michael O'CONNELL

Inventor Signature



Witnessed by:
Witness Name _____ Signature _____

Witness Name _____ Signature _____