505381570 03/19/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
ANDREA CHOE	08/31/2017	
PAUL W. STERNBERG	08/31/2017	

RECEIVING PARTY DATA

Name:	CALIFORNIA INSTITUTE OF TECHNOLOGY
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16327670

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	CTH-02501
NAME OF SUBMITTER:	KAREN MAY
SIGNATURE:	/Karen May/
DATE SIGNED:	03/19/2019

Total Attachments: 3

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PATENT 505381570 REEL: 048632 FRAME: 0967

INVENTORS' ASSIGNMENT APPL. NO.: PCT/US2017/048672 FH REF.: CTH-02525 (32244.02525)

ASSIGNMENT

WHEREAS, we, Andrea Choe, of 213 South Michigan Avenue, Pasadena, California, 91106; and Paul W. Sternberg, 734 Winthrop Road, San Marino, California, 91108, for valuable consideration received from California Institute of Technology, having its principal place of business at 1200 E. California Boulevard M/C 6-32, Pasadena, California 91125, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

CALIFORNIA INSTITUTE OF TECHNOLOGY

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

ASCAROSIDE TREATMENT OF EOSINOPHILIC ESOPHAGITIS

described in International Application No. PCT/US2017/048672, filed on August 25, 2017, with the United States Receiving Office (RO/US) at the United States Patent and Trademark Office, and in all Letters Patents of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any non-provisional, divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said assignee and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said assignee, with specifications and claims in such forms as shall be approved by the counsel of said assignee and to vest and confirm in said assignee, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said assignee, its successors and assigns.

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INVENTORS' ASSIGNMENT APPL. NO.: PCT/US2017/048672 FH REF.: CTH-02525 (32244.02525)

WITNESS my hand this 3/64 day of August, 2017.

Andrea Choe

Then personally appeared the above-named Andrea Choe and acknowledged the foregoing instrument to be her free act and deed, before me, this __31 ** day of _August_, _2017_______, 2017.

RENOING WU

Witness Name (please print)

B4733816.1

INVENTORS' ASSIGNMENT APPL, NO.: PCT/US2017/048672 FH REF.: CTH-02525 (32244,02525)

WITNESS my hand this31 stday ofA	ugant, 2017.
	By: Faul W. Sternberg
Then personally appeared the above-named Paul instrument to be his free act and deed, before more 2017.	W. Sternberg and acknowledged the foregoing e, this 3/stday of august,
	Clyabett M AyalaWitness signature
	Elizabeth M. Ayala Witness Name (please print)

ACKNOWLEDGEMENT OF ASSIGNEE:

I hereby acknowledge the foregoing executed Assignment on behalf of California Institute of Technology.

Ву:	Date:	OCT	31	2017	
Name;					
Title:					

Fred Farina
Chief Innovation & Corporate Partnerships Officer
Office of Technology Transfer & Corporate Partnerships

PATENT REEL: 048632 FRAME: 0970

RECORDED: 03/19/2019

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