505600011 07/31/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GARRET MIYAKE	07/14/2019
CHERN-HOOI LIM	06/27/2019
MAX KUDISCH	07/12/2019
BIN LIU	07/12/2019

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16404255

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ATTORNEY DOCKET NUMBER:	065620-622032	
NAME OF SUBMITTER:	DONNA CARRERA	
SIGNATURE:	/Donna Carrera for Milan Vinnola/	
DATE SIGNED:	07/31/2019	

Total Attachments: 4

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PATENT 505600011 REEL: 049922 FRAME: 0835

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PATENT REEL: 049922 FRAME: 0836

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

Assignor:

Garret Miyake Fort Collins, Colorado USA

Chern-Hooi Lim Fort Collins, Colorado USA

Max Kudisch Fort Collins, Colorado USA

Bin Liu Fort Collins, Colorado USA

(hereinafter, individually and collectively the "Assignor")

Assignee:

Colorado State University Research Foundation 2537 Research Blvd., Suite 200 Fort Collins, Colorado 80526 State of Incorporation: Colorado

PATENT APPLICATION SUBJECT TO THE ASSIGNMENT:

for Conducting Such Reactions

WHEREAS, the Assignor identified above, an individual, having the address indicated above, is the owner of all right, title, and interest in and to one or more new and useful processes, methods, machines, devices, systems, manufactures, and/or compositions of matter, or new and useful improvements thereof (the "Invention"), disclosed and described in the Patent Application indicated and identified above; and

WHEREAS, Assignee identified above, a corporation organized and existing under the laws of the State indicated above, and having its principal place of business at the address indicated above, desires to acquire the entire right, title, and interest of Assignor in and to the Invention, the Patent Application, and in, to, and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, and transferred and does hereby sell, assign, and transfer to the Assignee, its successors, legal representatives, and assigns, the entire right, title and interest in and to the Invention, the Patent Application, and any non-provisional, divisional, continuation, continuation-in-part, continuing prosecution, reexamination, and reissue applications thereof or that claim priority thereto; all international, regional, and foreign applications that claim priority to, are counterparts of, or otherwise correspond thereto; the Letters Patent, both foreign and domestic, that may or shall issue, or may or shall

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or may or shall have issued, therefrom; any extensions or renewals thereof; and any right, title, or interest in and to the Invention under any international conventions (collectively "the Patent Rights"); and

Assignor further authorizes said Assignee, its successors, and assigns, or anyone it may properly designate, to apply for Letters Patent in the U.S. and any and all foreign countries and regions, in its own name if desired, and additionally to claim priority to the filing date of the Patent Application and otherwise take advantage of the provisions of any international conventions; and

Assignor hereby authorizes and requests transfer of the Patent Application and any further applications, which may be or shall have been filed under the Patent Rights, to the Assignee in accordance herewith and further authorizes and requests any official of any State whose duty consists of issuing patents or other evidence or forms of any industrial property protection issuing from the Patent Application and all related applications, to issue same to the Assignee, its successors, and assigns in accordance herewith; and

Assignor represents and warrants that Assignor has the right, title, and authority to execute this Assignment and to convey all right, title, and interest in the Patent Rights, and that Assignor has not conveyed nor will convey hereafter all or part of the Patent Rights to a third party; and Assignor hereby covenants and agrees with the Assignee, its successors and assigns, that Assignor will not execute in writing or do any act whatsoever conflicting with these representations, and that Assignor, Assignor's successors, legal representatives, or administrators will at any time upon request, without further or additional consideration, but at the expense of the Assignee, its successors, and assigns, execute such additional writings and do such additional acts as said Assignee, its successors, and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for, obtaining, and enforcing any of the Patent Rights, including giving testimony in any proceedings or transactions involving such Patent Rights; and

Assignor further covenants and agrees that this Assignment is effective as of the date of execution of this document by Assignor's representative below.

IN WITNESS WHEREOF, the Assignor bereunto has executed this Assignment upon the date indicated below.

By: Garret Miyake

Dated:	6/27/2019	ASSIGNOR:	
Dated:	7/12/2019	ASSIGNOR:	
		By: Max Kudisch	
Dated:	7/12/24	ASSIGNOR: Cild (signature)	

By: Bin Liu

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The Assignee hereby acknowledges and accepts the foregoing assignment of rights by Assignor.

IN TESTIMONY WHEREOF, the Assignee, by its undersigned officer, confirms its acceptance on the date set forth below.

ASSIGNEE: COLORADO STATE UNIVERSITY

RESEARCH FOUNDATION

Dated: July 31, 2019 Cindy L. Pede

(signature)

By: Cindy Pederson

Its: Patent Manager

(title)

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