

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
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Property Type	Number
Application Number:	17200394
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NAME OF SUBMITTER:	MATTHEW WARD
SIGNATURE:	/MATTHEW WARD/
DATE SIGNED:	05/25/2021
Total Attachments: 3	

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Attorney Docket Nos. 086544-1218804-023400US
086544-1218805-023410US
Client Ref. Nos. CIT 8443-P, CIT 8443

ASSIGNMENT
(Patent Application)

We, the undersigned, have invented certain inventions and improvements disclosed in a utility (provisional or non-provisional) or design patent application entitled

US Provisional Appln. No. 62/988,589 filed March 12, 2020, Caltech Ref. CIT 8443-P, entitled: "DIVERSE CARBENE TRANSFERASE ENZYME CATALYSTS DERIVED FROM A P450 ENZYME"; and

US Non-Provisional Appln. No. 17/200,394 filed March 12, 2021, Caltech Ref. CIT 8443, entitled: "DIVERSE CARBENE TRANSFERASE ENZYME CATALYSTS DERIVED FROM A P450 ENZYME".

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to California Institute of Technology, a university of the State of California having a principal place of business at 1200 E. California Blvd, Pasadena, CA 91125 ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, and all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) the right to claim priority to the above-referenced patent application, and any and all applications referenced in subsection (b); and
 - (d) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or

ASSIGNMENT

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086544-1218805-023410US

Client Ref. Nos. CIT 8443-P, CIT 8443

Page 3 of 3

Signature: / _____ DocuSigned by:
Andrew Z. Zhou / Date: March 15, 2021
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Andrew Z. Zhou

Signature: / _____ DocuSigned by:
Zhen Liu / Date: March 12, 2021
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Zhen Liu