

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6231094

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VY M. DONG	04/09/2020
FABEN A. CRUZ	06/04/2020
XUESONG WU	04/08/2020
STEPHEN KARL MURPHY	05/11/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
<b>Street Address:</b>	1111 FRANKLIN STREET
<b>Internal Address:</b>	TWELFTH FLOOR
<b>City:</b>	OAKLAND
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94607-5200
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16284076
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)332-9081
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	kdean@merchantgould.com
<b>Correspondent Name:</b>	MERCHANT & GOULD P.C.
<b>Address Line 1:</b>	P.O. BOX 2903
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>ATTORNEY DOCKET NUMBER:</b>	04587.0002USU1
<b>NAME OF SUBMITTER:</b>	TODD J. OBIJESKI
<b>SIGNATURE:</b>	/Todd J. Obijeski/
<b>DATE SIGNED:</b>	08/03/2020
<b>Total Attachments: 6</b>	
source=0002usu1_Assignment-UCI_08-03-20#page1.tif	
source=0002usu1_Assignment-UCI_08-03-20#page2.tif	

source=0002usu1\_Assignment-UCI\_08-03-20#page3.tif  
source=0002usu1\_Assignment-UCI\_08-03-20#page4.tif  
source=0002usu1\_Assignment-UCI\_08-03-20#page5.tif  
source=0002usu1\_Assignment-UCI\_08-03-20#page6.tif

ASSIGNMENT

U.C. Case No. 2018-231

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1 Stephen Karl Murphy

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

**Oxidative Dehydroxylation of Alcohols to Produce Olefins**

and which is found in

- (a) \_\_\_\_ U.S. provisional application filed herewith and listing the above named persons as inventors
- (b) \_\_\_\_ U.S. patent application filed herewith and listing the above named persons as inventors
- (c) X U.S. application serial no. 16/284,076, filed on February 25, 2019
- (d) \_\_\_\_ U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by

the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this

Signature of Inventor

11 day of May, 2020

  
STEPHEN KARL MURPHY

Assignee hereby accepts this Assignment:



Date: May 13, 2020

## ASSIGNMENT

U.C. Case No. 2018-231

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Vy M. Dong
2. Faben A. Cruz
3. Xuesong Wu

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

### **Oxidative Dehydroxylation of Alcohols to Produce Olefins**

and which is found in

- (a) \_\_\_ U.S. provisional application filed herewith and listing the above named persons as inventors
- (b) \_\_\_ U.S. patent application filed herewith and listing the above named persons as inventors
- (c) X U.S. application serial no. 16/284,076, filed on February 25, 2019
- (d) \_\_\_ U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment:

ASSIGNOR(S) further agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application.

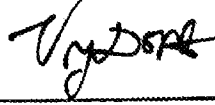
said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this

9 day of April, 2020

Signature of Inventor



VY M. DONG

Signature of Inventor

day of, 2020

FABEN A. CRUZ

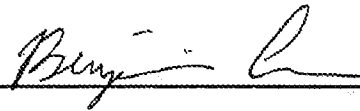
Signature of Inventor

8<sup>th</sup> day of April, 2020



XUESONG WU

Assignee hereby accepts this Assignment:



Date: May 13, 2020

## ASSIGNMENT

U.C. Case No. 2018-231

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Vy M. Dong
2. Faben A. Cruz
3. Xuesong Wu

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

### **Oxidative Dehydroxylation of Alcohols to Produce Olefins**

and which is found in

- (a) \_\_\_\_\_ U.S. provisional application filed herewith and listing the above named persons as inventors
- (b) \_\_\_\_\_ U.S. patent application filed herewith and listing the above named persons as inventors
- (c)  X  U.S. application serial no.  16/284,076 , filed on  February 25, 2019
- (d) \_\_\_\_\_ U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application.

said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 2020

\_\_\_\_\_  
VY M. DONG

Signature of Inventor

4 day of June, 2020

\_\_\_\_\_  
FABEN A. CRUZ

Signature of Inventor

\_\_\_\_ day of \_\_\_\_\_, 2020

\_\_\_\_\_  
XUESONG WU

Assignee hereby accepts this Assignment:

\_\_\_\_\_  
Benjamin A.

Date:

6/8/2020