PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5427681

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUSAN V. LYNCH	06/09/2017
NIKOLE KIMES	06/13/2017
RICARDO VALLADARES	06/13/2017
DIN LIN	06/09/2017

RECEIVING PARTY DATA

Name:	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
Street Address:	1111 FRANKLIN STREET
Internal Address:	TWELFTH FLOOR
City:	OAKLAND
State/Country:	CALIFORNIA
Postal Code:	94607-5200

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15946031

CORRESPONDENCE DATA

Fax Number: (617)542-2241

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.

Phone: 6175426000

Email: JCGiering@mintz.com, AOlivos@mintz.com

Correspondent Name: MINTZ LEVIN

Address Line 1: ONE FINANCIAL CENTER

Address Line 4: BOSTON, MASSACHUSETTS 02111

ATTORNEY DOCKET NUMBER:	048536-575C01US
NAME OF SUBMITTER:	JEFFERY C. GIERING
SIGNATURE:	/Jeffery C. Giering/
DATE SIGNED:	03/18/2019

Total Attachments: 3

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PATENT REEL: 048629 FRAME: 0269

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PATENT REEL: 048629 FRAME: 0270

ASSIGNMENT

Atty Docket No: 48536-575001WO UCSF Case No.: SF2016-010-2 For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S), 2. Nikole Kimes 3. Ricardo Valladares 1. Susan V. Lynch 4. Din Lin 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: MICROBIAL CONSORTIUM AND USES THEREOF and which is found in ____ 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 PCT application serial no. PCT/US2017/020809 filed on March 3, 2017 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(s) 1) 9 day of June , 2017 Susan V. Lynch: 2) ___ day of ______, 20__ Nikole Kimes: 3) ___ day of _______, 20 Ricardo Valladares: 4) ___ day of ______, 20 Din Lin: Assignee hereby accepts this Assignment: Tanya Feldman Date: June 9, 2017

Senior Patent Prosecution Analyst

Innovation, Technology & Alliances

Technology Management

PATENT REEL: 048629 FRAME: 0271

ASSIGNMENT

Atty Docket No: 48536-575001WO UCSF Case No.: SF2016-010-2

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

1. Susan V. Lynch

2. Nikole Kimes

3. Ricardo Valladares

4. Din Lin

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:

MICROBIAL CONSORTIUM AND USES THEREOF

and which is found in	AND COLO TILLADO	
(a) U.S. provisional application filed herewith and list	ting the above named persons as inventors	
(b) U.S. patent application filed herewith and listing the above named persons as inventors		
(c) X PCT application serial no. PCT/US2017/0208	09_filed onMarch 3, 2017	
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;		
<u>ASSIGNOR(S)</u> hereby agrees that no assignment, sale, agreem into which would conflict with this assignment;	ent or encumbrance has been or will be made or entered	
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 ASSIC	NEE, The Regents of the University of California.	
executed this	Signature of Inventor(s)	
1) day of, 20 Susan V. Lynch:		
2) 13day of June , 20/7 Nikole Kimes:	Memes	
3) 13 day of June . 2017 Ricardo Valladares:	+ Rearde Vallalous	
4) day of, 20 Din Lin:		
Assignee hereby accepts this Assignment: Tanya Fe Senior Pa	atent Prosecution Analyst	
Technolo	gy Management	

UCSF-

Innovation, Technology & Alliances

PATENT REEL: 048629 FRAME: 0272

ASSIGNMENT

Atty Docket No: <u>48536-575001WO</u> UCSF Case No.:<u>SF2016-010-2</u>

or good and valuable consideration, t	he receipt of which is berely as	Phonological ASSIGNOD(S)

1. Susan V. Lynch

and which is found in

2. Nikole Kimes

3. Ricardo Valladares

4. Din Lin

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MICROBIAL CONSORTIUM AND USES THEREOF

ana	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 PCT application serial no. PCT/US2017/020809 filed on March 3, 2017

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 <u>ASSIGNOR(S)</u> 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(s)	
1)day of, 20 Susar	n V. Lynch:	
2)day of, 20 Nikol	le Kimes:	
3)day of, 20 Ricar	rdo Valladares:	
4) \(\frac{1}{2} \) day of \(\frac{1}{2} \) day of \(\frac{1}{2} \) Din I	in: Roth	
Assignee hereby accepts this Assignment:		
Date: June 9, 2017	Technology Management Innovation, Technology & Alliances	
	UCSF	

PATENT REEL: 048629 FRAME: 0273

RECORDED: 03/18/2019