505469527 05/10/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5516330

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAY D. KEASLING	04/21/2018
LEO D'ESPAUX	04/21/2018
JEFF WONG	04/21/2018
XIAOZHOU LUO	04/21/2018
MICHAEL REITER	04/21/2018
CHARLES DENBY	04/21/2018
ANNA LECHNER	04/21/2018

RECEIVING PARTY DATA

Name:	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
Street Address:	1111 FRANKLIN STREET, 12TH FLOOR
City:	OAKLAND
State/Country:	CALIFORNIA
Postal Code:	94607

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16408492	

CORRESPONDENCE DATA

Fax Number:

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: 650-353-2313

Email:richard@sci-tech.comCorrespondent Name:RICHARD ARON OSMANAddress Line 1:530 LAWRENCE EXPY # 332Address Line 4:SUNNYVALE, CALIFORNIA 94085

ATTORNEY DOCKET NUMBER:	B16-072-5US
NAME OF SUBMITTER:	RICHARD ARON OSMAN
SIGNATURE:	/richard aron osman/
DATE SIGNED:	05/10/2019

PATENT REEL: 049134 FRAME: 0637

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Total Attachments: 5 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif

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

1. Jay Keasling	3. Jeff Wong 5. Michael Reiter 7. Anna Lechner
2. Leo d'Espaux	4. Xiaozhou Luo 6. Charles Denby

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, 12th 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, and any and all improvements which are disclosed in UC Case No. B17-048 entitled: "Microorganisms and methods for producing cannabinoids", and which is found in any of:

Ser No. 62/491,114; filed Apr 27, 2017 Ser No. 62/569,532; Filed: Oct 07, 2017 patent application filed herewith;

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 covenant(s) 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 covenants 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, 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: Apr 21, 2018

Jay Keasling	Michael Reiter	Hereby accepted on behalf of the Assignee Richard Aron Osman
Leo d'Espaux	Charles Denby	Attorney for Assignee
Jeff Wong	Anna Lechner	
Xiaozhou Luo		

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Sec. 85 491 114 (filed 8pt 77 2017) Ser No. 62 569 532 Titled (Art 07, 2017 parent application filed herewith.

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Jay Keasting	Michael Rener	Hereby accepted on behalf of the Assignee
Lead Spyle	Charles Denby	Richard Aron Osman Attorney for Assignee
lan Arons	Anna Lectiner	

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	Lidoll Pell	Hereby accepted on behalf of the Assignee
Jay Keasling	Michael Reiter	Richard Aron Osman
Leo d'Espaux	Charles Denby	Attorney for Assignee
Jeff Wong	Anna Lechner	
Xiaozhou Luo	1	

B16-072-4

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PATENT REEL: 049134 FRAME: 0643

RECORDED: 05/10/2019