# 504790971 02/23/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
OM PARKASH DHANKHER	03/29/2017
SUDESH CHHIKARA	03/18/2017

## **RECEIVING PARTY DATA**

Name:	THE UNIVERSITY OF MASSACHUSETTS
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State/Country:	MASSACHUSETTS
Postal Code:	02108

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15902697

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	UMA0096US2 (UMA-17-026)	
NAME OF SUBMITTER:	SANDRA L. SHANER	
SIGNATURE:	/Sandra L. Shaner, Reg. No. 47934/	
DATE SIGNED:	02/23/2018	

Total Attachments: 2

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PATENT 504790971 REEL: 045017 FRAME: 0415

Printed Legal Name of Witness

#### DECLARATION AND ASSIGNMENT

Title of Invention: COMPOSITIONS AND METHODS FOR ENGINEERING OIL CONTENT IN PLANTS As a below named inventor, I hereby declare that: This declaration is directed to: [ ] the attached application (Attorney Docket Number ), or [X] United States application number 62/462,624 filed on February 23, 2017. The above-identified application was made or authorized to be made by me, and I have reviewed and understand the contents of the application, including the claims. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56. Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries (herein referred to as the "INVENTION") disclosed in the above-identified patent application (herein referred to as the ("APPLICATION"); Whereas, THE UNIVERSITY OF MASSACHUSETTS, having a business address at One Beacon Street, 31st Floor, Boston, MA 02108 (herein referred to as "ASSIGNEE"), desires to attain or has attained, and each undersigned inventor desires to grant or has granted to ASSIGNEE, the entire worldwide right, title, and interest in and to the INVENTION and in and to any and all patent applications and patents directed thereto; Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I, one of the undersigned inventors (herein referred to "ASSIGNOR"), hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in any and all countries and jurisdictions, including all divisionals, continuations, continuations-in-part, reissues, reexaminations, renewals, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents, and further including any right to sue for past infringement and to recover and retain damages and profits in respect thereof. In addition, I hereby authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and I agree for myself and my respective heirs, legal representatives, and assigns, without further compensation, to execute any and all documents, oaths and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns. I also hereby grant ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Declaration and Assignment any further identification of the APPLICATION (including, but not limited to, patent Application Number and filing date). I hereby covenant that I have the full right to convey the entire right, title, and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. Signature: Legal Name of Inventor: OM PARKASH DHANKHER Witness Signature

> PATENT REEL: 045017 FRAME: 0416

## DECLARATION AND ASSIGNMENT

Title of Invention: COMPOSITIONS AND METHODS FOR	ENGINEERING OIL CONTENT IN PLANTS
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
[ ] the attached application (Attorney Docket Number	), or
[X] United States application number 62/462,624 filed on Fe	bruary 23, 2017.
The above-identified application was made or authorized to be micontents of the application, including the claims.	ade by me, and I have reviewed and understand the
I believe that I am the original inventor or an original joint invent	or of a claimed invention in the application.
I am aware of the duty to disclose to the United States Patent and material to patentability as defined in 37 CFR Section 1.56.	Trademark Office all information known to me to be
Whereas, each undersigned inventor has made certain inventions, the "INVENTION") disclosed in the above-identified patent appl	
Whereas, THE UNIVERSITY OF MASSACHUSETTS, having a Boston, MA 02108 (herein referred to as "ASSIGNEE"), desires desires to grant or has granted to ASSIGNEE, the entire worldwid and in and to any and all patent applications and patents directed	to attain or has attained, and each undersigned inventor te right, title, and interest in and to the INVENTION
Now, therefore, for good and valuable consideration, the receipt a one of the undersigned inventors (herein referred to "ASSIGNOR and otherwise transfers or has transferred to the ASSIGNEE, its s worldwide right, title, and interest in and to the INVENTION, the applications and patents for the INVENTION which may be applijurisdictions, including all divisionals, continuations, continuation counterparts, substitutes, and extensions thereof, and all rights of and granting of such patents, and further including any right to su damages and profits in respect thereof. In addition, I hereby auth patents, to issue any patent on said improvements or resulting the representatives, and assigns, the entire worldwide right, title, and ASSIGNEE, its successors, legal representatives, and assigns to to patents may be granted, as fully and entirely as would have been a Assignment not been made; and I agree for myself and my respect further compensation, to execute any and all documents, oaths an related to recording this Assignment or perfecting title to the INV and applications, in ASSIGNEE, its successors, legal representations its successors, legal representatives, and assigns.	"), hereby sells or has sold, assigns or has assigned, uccessors, legal representatives, and assigns, the entire APPLICATION, and any and all other patent ed for or granted therefor in any and all countries and as-in-part, reissues, reexaminations, renewals, priority resulting from the filing of such applications e for past infringement and to recover and retain orize and request any official whose duty it is to issue refrom to said ASSIGNEE, its successors, legal interest in and to the same to be held and enjoyed by the full end of the terms for which any and all such held and enjoyed by the undersigned had this tive heirs, legal representatives, and assigns, without d instruments and perform all lawful acts reasonably ENTION, the APPLICATION, and all related patents
I also hereby grant ASSIGNEE, its successors, legal representation and Assignment any further identification of the APPLICATION Number and filing date).	
I hereby covenant that I have the full right to convey the entire rig not executed and will not execute any agreement in conflict herev	
I hereby acknowledge that any willful false statement made in thi fine or imprisonment of not more than five (5) years, or both.	s declaration is punishable under 18 U.S.C. 1001 by
Signature: Julia	Date: 03/18/2017
Legal Name of Inventor: SUDESH CHRIKARA	Date: 03/18/2017
Witness Signature Date: 03/18/2017 Witness	Date: <u>03/18/2017</u>
	ETA DEVI ed Legal Name of Witness

PATENT

REEL: 045017 FRAME: 0417

**RECORDED: 02/23/2018**