PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4766391

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHAU-CHYUN CHEN	04/24/2015
YIFAN HAO	04/24/2015
MENG WANG	04/24/2015
MD RASHEDUL ISLAM	04/24/2015

RECEIVING PARTY DATA

Name:	TEXAS TECH UNIVERSITY SYSTEM
Street Address:	OFFICE OF TECHNOLOGY TRANSFER AND INTELLECTUAL PROPERTY
Internal Address:	P.O. BOX 42007
City:	LUBBOCK
State/Country:	TEXAS
Postal Code:	75254

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15569233

CORRESPONDENCE DATA

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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.

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LAURA DACONCEICAO **Correspondent Name:** Address Line 1: CHALKER FLORES, LLP

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ATTORNEY DOCKET NUMBER:	TECH:1131US
NAME OF SUBMITTER:	LAURA DACONCEICAO
SIGNATURE:	/Laura DaConceicao/
DATE SIGNED:	01/09/2018

Total Attachments: 4

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Box 42007 Lubbock, TX 79409-2007 Telephone: 806,742,4105 Office use only

File Number

TTUD-1187

Assignment of Rights

I, the inventor, subject to the intellectual property policy at Texas Tech University System and not under any obligation to assign intellectual property rights to another party, hereby affirm that in consideration for Texas Tech University System's evaluation of commercial potential and a share of income which I may receive upon commercialization of my invention, on the date of my signature as indicated below do hereby assign and transfer my entire right, title, and interest in and to the invention disclosed in the invention disclosure form entitled "Method to predict, monitor and control asphaltene precipitation based on aggregation thermodynamics", unto the Texas Tech University System, a Texas Institution of higher education having a place of business at:

Box 42007 Texas Tech University Lubbock, Texas 79409-2007

and its successors, assigns and legal representatives, and in and to said patent applications and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said invention and for vesting title to said invention and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns and legal representatives; and do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in the commercialization of the invention and improvements upon said invention.

The assignment and transfer of rights in the invention shall include any know how, implementations, derivatives, and embodiments of the invention (software, hardware, source code, designs, processes, procedures, compositions, devices, drawings, data, trade secrets, methods, formulas, protocols, and techniques) and improvements upon said invention. This list is by way of illustration and not limitation; and

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assignees and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and

Covenant with said Assignee, its successors, assigns and legal representative that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Printed Name:	Chen, Chan-Chyun
Home Mailing Address:	Apt # 1112, 223 godiana Ave, Cubbock, Tx >9409
Citizenship:	USA
Signature:	Chull & Date: April -4, 2015
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Covenant with said Assignee, its successors, assigns and legal representative that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Printed Name:	Yifan Hao
Home Mailine Address:	315 80th St. Lubbock, TX 79404
Citizenshio:	Clina
Signature:	Yifan Hao Dale: 4/24/2015



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Office	usc	only
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File Number

TTU D - 1187

### Assignment of Rights

I, the inventor, subject to the intellectual property policy at Texas Tech University System and not under any obligation to assign intellectual property rights to another party, hereby affirm that in consideration for Texas Tech University System's evaluation of commercial potential and a share of income which I may receive upon commercialization of my invention, on the date of my signature as indicated below do hereby assign and transfer my entire right, title, and interest in and to the invention disclosed in the invention disclosure form entitled "Method to predict, monitor and control asphaltene precipitation based on aggregation thermodynamics", unto the Texas Tech University System, a Texas Institution of higher education having a place of business at:

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79423
4/24/2015



Box 42007 Lubbock, TX 79409-2007 Telephone: 806.742.4105

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File Number

TTU D - 1187

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Printed Name:	Md Rashedw Islam
Home Mailing Address:	2902 3rd Place, Apt # E-21, Lubbock, Tx-79415
Citizenship:	Bangladesh
Signature:	Date: 04-24-2015

PATENT REEL: 044570 FRAME: 0539

**RECORDED: 01/09/2018**