

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6609712

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AHMED ALZAHABI	08/27/2014
NOAH BERLOW	03/17/2021
TIMOTHY SPINNER	01/11/2021
M.Y. SOLIMAN	08/27/2014
RECEIVING PARTY DATA	
Name:	TEXAS TECH UNIVERSITY SYSTEM
Street Address:	P.O. BOX 42007
City:	LUBBOCK
State/Country:	TEXAS
Postal Code:	79409
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14865447
CORRESPONDENCE DATA	
Fax Number:	(714)453-9824
<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>	
Phone:	(714)453-9824
Email:	docketing@lozaip.com
Correspondent Name:	LOZA & LOZA LLP
Address Line 1:	305 NORTH SECOND AVE., #127
Address Line 4:	UPLAND, CALIFORNIA 91786-6064
ATTORNEY DOCKET NUMBER:	TTU-1005
NAME OF SUBMITTER:	KEVIN SOULES
SIGNATURE:	/Kevin Soules/
DATE SIGNED:	03/18/2021
Total Attachments: 4	
source=Ahmed Alzahabi Assignments rights#page1.tif	
source=D-1105 Assignment executed PI Berlow#page1.tif	
source=D-1105 Assignment Tim Spinner#page1.tif	



TEXAS TECH UNIVERSITY SYSTEM
Office of Technology Commercialization

Box 42007
Lubbock, TX 79409-2007
Telephone: 806.742.4105

Office use only

File Number

TTU D - 1105

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 "FRACTURABILITY INDEX MAPS FOR SELECTIVELY ENHANCING FRACTURE PROPAGATION IN SUBTERRANEAN FORMATIONS", 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

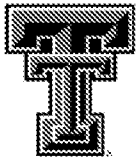
and its successors, assigns and legal representatives, and in and to said patent applications and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; 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:	AHMED ALZAH ABI	
Home Mailing Address:	2400 Glenna Goodacre BLVD. 79401 TX, Lubbock	
Citizenship:	Egyptian	
Signature:	Ahmed Alzalabi	Date: 8/27/2014



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FRACTURABILITY INDEX MAPS FOR SELECTIVELY ENH

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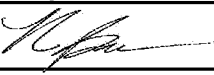
invention disclosure form entitled "FRACTURABILITY INDEX MAPS FOR SELECTIVELY ENHANCING FRACTURE PROP", unto Texas Tech University System, a Texas Institution of higher education having a place of business at:

Texas Tech University System
Office of Research Commercialization
Box 42007 Lubbock, TX 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.

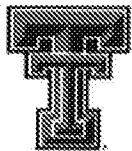
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Inventor Signature	Printed Name	Date
	Noah Berlow	3/17/2021

PATENT

REEL: 055642 FRAME: 0746



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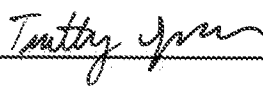
invention disclosure form entitled " FRACTURABILITY INDEX MAPS FOR SELECTIVELY ENHANCING FRACTURE PROP/71 ", unto Texas Tech University System, a Texas Institution of higher education having a place of business at:

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Inventor Signature	Printed Name	Date
	Timothy Spinner	01/11/2021



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Telephone 806.742.4105

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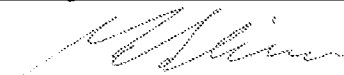
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Printed Name:	M. Y. Soliman	
Home Mailing Address:	914 Milwaukee Ave, Lubbock TX	
Citizenship:	USA	
Signature:		Date: 8-27-2014