505116043 09/27/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SYED AKBAR	06/26/2018
JARED ROSE	06/26/2018

RECEIVING PARTY DATA

Name:	FORECASTER CHEMICALS, LLC
Street Address:	6300 WEST LOOP SOUTH
Internal Address:	SUITE 280
City:	BELLAIRE
State/Country:	TEXAS
Postal Code:	77401

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16144654

CORRESPONDENCE DATA

Fax Number: (713)632-1401

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.

7136321400 Phone:

Email: danny.vara@hoganlovells.com HOGAN LOVELLS US LLP **Correspondent Name:** Address Line 1: 609 MAIN STREET, SUITE 4200

Address Line 4: **HOUSTON, TEXAS 77002**

ATTORNEY DOCKET NUMBER:	750063.001002
NAME OF SUBMITTER:	JEFFREY S. WHITTLE
SIGNATURE:	/Jeffrey S. Whittle/
DATE SIGNED:	09/27/2018

Total Attachments: 5

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PATENT REEL: 046998 FRAME: 0560

ASSIGNMENT

WHEREAS, We, Syed AKBAR and Jared ROSE (hereafter "Assignors"), citizens of the United States of America, are the inventors of a SYSTEMS AND METHODS TO STRENGTHEN SAND PROPPANT for which an application for United States Letters Patent was filed under Serial No. 62/690,073 on June 26, 2018; and

WHEREAS, Forecaster Chemicals, LLC, a Limited Liability Company of Texas, with a business address of 6300 West Loop South, Suite 280, Bellaire, TX 77401 (hereafter "Assignee"), is desirous of acquiring the entire right, title, and interest in and to the aforesaid inventions throughout the world, and all right, title, and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world.

NOW, THEREFORE, be it known that, for good and valuable consideration, the adequacy, receipt, and legal sufficiency of which from Assignee are each hereby acknowledged, We, as Assignors, sell, assign, transfer, and set over to Assignee, all right, title, and interest in and to the said inventions throughout the world, and said applications for U.S. Letters Patent, and any and all additional provisionals, non-provisionals, divisions, continuations, continuations-in-part, reissues, extensions, reexaminations, post-grant proceeding, derivations, or other interparties review proceedings thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by them for their own use and benefit, and for the use and benefit of their successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted, reexamined, or reissued, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And We hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States and any foreign patent offices on said invention or resulting from said application and from any and all additional provisionals, non-provisionals, divisions, continuations, continuations-in-part, reissues, extensions, reexaminations, post-grant proceeding, derivations, or other inter-parties review proceedings thereof, to Assignee, as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

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And We further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said inventions and to such Letters Patent as may be granted therefor, to Assignee or its successors, assigns, or other legal representatives and that if Assignee or its successors, assigns, or other legal representatives shall desire to file any additional provisional, non-provisional, divisional, continuation, continuation-in-part, or extension applications or to secure an ex parte or inter partes reexamination, reissue, post grant proceeding, or derivation proceeding of such Letters Patent, or to file a disclaimer relating thereto, will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of Assignee or its successors, assigns, or other legal representatives.

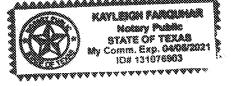
And We do further covenant and agree that we will, at any time upon request, communicate to Assignee or its successors, assigns, or other legal representatives, such facts relating to said inventions and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference, litigation, or other proceeding when requested so to do, without further compensation but at the expense of Assignee or its successors, assigns, or other legal representatives.

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IN WITNESS WHEREOF, I	ave hereunto set my hand and seal this	Ę
	Sydd AKBAR (Assignor)	
STATE OF TEXAS	§	
COUNTY OF Harris	§ §	
above named ASSIGNOR, Syed individual who executed the form	June, 2018, before me personally appeared the KBAR, to me personally known/provided identification as the egoing assignment, and who acknowledged to me that he will for the purposes therein set forth.	3
MAYRA NOHEMI ARIZ SE NOTARY PUBLIC STATE OF MY COMM. EXP. 07/28/3	xas My commission expires: 07/28/2021	

IN WITNESS WHEREOF, I have her	
	L ABOSE (A.
All the state of t	— Jared ROSE (Assignor)
STATE OF TOXAS §	
COUNTY OF HAYY'S §	
above named Abbitonor, Jared ROSE,	, 2018, before me personally appeared the to me personally known/provided identification as the assignment, and who acknowledged to me that he the purposes therein set forth.
SEAL	Notary Public Kayleigh Largerlar My commission expires: N-05-2021
. de a a	



IN WITNESS WHEREOF, I have hered	unto set my hand and seal this day of	
STATE OF TOXAS §	Forecaster Chemicals, LLC (Assignee) MANNE: JARRED TOUS E THE: Resident	
COUNTY OF HAVYIS §		
On this		
SEAL	Notary Public Kayleigh Fargular My commission expires: 04-05-2021	

KAYLEXM FASCEMAR Rotary Public STATE OF TEXAS My Cheam Exp. 04/05/2021 51/07/69/03

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RECORDED: 09/27/2018