PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES W DOBSON JR	08/12/2010
KIM O TRESCO	08/12/2010
BENJAMIN K GEERDES	08/12/2010

RECEIVING PARTY DATA

Name:	TEXAS UNITED CHEMICAL COMPANY, LLC	
Street Address:	4800 SAN FELIPE	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77056	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13739979

CORRESPONDENCE DATA

Fax Number: (713)658-2553

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: 713-658-1818

Email: houstonpatmail@chamberlainlaw.com

Correspondent Name: COLLIN A. ROSE

Address Line 1: 1200 SMITH ST., 14TH FLOOR Address Line 2: CHAMBERLAIN HRDLICKA Address Line 4: HOUSTON, TEXAS 77002

ATTORNEY DOCKET NUMBER:	970253-003910US
NAME OF SUBMITTER:	JESSICA GREENEY, IP PARALEGAL
SIGNATURE:	/Jessica Greeney/
DATE SIGNED:	07/30/2014

Total Attachments: 3

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PATENT REEL: 033420 FRAME: 0223 502913460

ASSIGNMENT OR RATIFICATION OF ASSIGNMENT OF INTELLECTUAL PROPERTY

WHEREAS, we, the undersigned, hereafter individually "Assignors," have invented certain new and useful methods, devices, compositions, and/or systems that are disclosed and/or claimed in either or both of:

- United States Provisional Patent Application serial number 61/224,136 filed on July 9, 2009, and.
- United States Nonprovisional Patent Application serial number 12/833,673 filed on July 9, 2010.

entitled "ULTRA-HIGH VISCOSITY PILL AND METHODS FOR USE WITH AN OIL-BASED DRILLING SYSTEM," that is hereafter referred to as the "Application;" and

WHEREAS, TEXAS UNITED CHEMICAL COMPANY, LLC, having a place of business at 4800 San Felipe, Houston, Texas, 77056, United States of America, hereafter "Assignee," is desirous of acquiring the entire and exclusive right, title and interest in and to, and possession of, the subject matter disclosed and claimed in the Application, including any tangible materials, know-how and trade secrets related thereto (hereafter, collectively, the "Invention"); and the entire and exclusive right, title, interest in and to, and possession of, the Application, including rights to claim priority thereto, and to all related pending and future United States and/or foreign applications disclosing or claiming the Invention in whole or in part, including, without limitation, all provisional applications, non-provisional applications, divisional applications, continuation applications, continuation-in-part applications, renewals, reissues, reexaminations, substitutes or extensions thereof, and to all patents or other related property rights that may be issued or granted thereon anywhere in the world (hereafter, collectively, the "Intellectual Property").

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and to the extent not already assigned by me/us to Assignee by prior written agreement or employment relationship, Assignor has hereby assigned, transferred and conveyed, or hereby ratified such, and does hereby assign, transfer and convey, or does hereby ratify such, to Assignee, its successors and assigns, the entire and exclusive right, title and interest in and to, and possession and use of, the aforesaid Intellectual Property, throughout the world, including without limitation, the right to file and prosecute applications for patent in the name of Assignee and/or Assignor; all income, royalties, damages and payments now or hereafter due or payable with respect to any patent or other right that is based on the Intellectual Property; and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned hereunder, as fully and entirely as the same would have been held and enjoyed by Assignor if this transfer and assignment had not been made:

HOU 1406486

AND Assignor hereby authorizes and requests the appropriate governmental officials to issue any and all such United States or foreign country patent or related property right assigned hereunder, to Assignee, as the owner of the entire and exclusive right, title and interest in and to the same;

AND Assignor hereby represents, warrants and covenants that he/she has the full right to convey the interest herein assigned, that he/she has not executed and will not execute any agreement, instrument or assignment in conflict herewith, and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

AND Assignor further covenants and agrees that Assignor will at any time upon request make, execute and deliver without further compensation, any and all other instruments in writing, including further applications, papers, affidavits, power of attorney, assignments, and other documents, and do all lawful acts and things, which, in the opinion of counsel for Assignee, its successors and assigns, may in any country be required or necessary more effectively to secure to and vest in Assignee, its successors and assigns the Intellectual Property, and that Assignor will sign any applications for reissue, division, continuation, continuation-in-part, counterpart, renewal, reexamination, substitute or extension of said Application or any resulting patent or related property right;

AND Assignor further covenants and agrees that **Assignor** will at any time upon request communicate to the **Assignee**, its successors, assigns or other legal representatives any facts relating to the aforesaid **Invention**, **Application** and **Intellectual Property** known to it, and will testify as to the same in any interference, litigation, mediation, arbitration or other proceeding when requested to do so.

IN WITNESS WHEREOF, Assignor has hereunto set her hand and seal.

James W. Dobson, Jr.

4800 San Felipe

Houston, Texas, 77056

Hugust 12, 2010

Date of Execution

STATE OF TEXAS

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COUNTY OF HARRIS

authority, o

BEFORE ME, the undersigned authority, on this day personally appeared JAMES W. DOBSON, JR., known to me to be the person whose name is subscribed to the foregoi'ng instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this day of August 2010.

[NOTARY STAMP]

EVELYN ASHE
Notary Public, State of Texas
My Commission Expires 04-21-2012

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Signature

Kim O. Tresco

4800 San Felipe Houston, Texas, 77056

August 12, 2010

Date of Execution

STATE OF TEXAS

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COUNTY OF HARRIS

BEFORE ME, the undersigned authority, on this day personally appeared KIM O. TRESCO, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this day of fugusy, 2010.

[NOTARY STAMP]

EVELYN ASHE
Notary Public, State of Texas
My Commission Expires 04-21-2012

Signature

Benjamin K. Geerdes

4800 San Felipe Houston, Texas, 77056

Date of Execution

STATE OF TEXAS

COUNTY OF HARRIS

BEFORE ME, the undersigned authority, on this day personally appeared BENJAMIN K. GEERDES, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this day of Hugust, 2010.

[NOTARY STAMP]

EVELYN ASHE
Notary Public, State of Texas
by Commission Expires 04-21-2012

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