### 505441649 04/23/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
XEUYU PANG	11/14/2016
GREGORY HUNDT	11/14/2016
SAMUEL LEWIS	11/14/2016
THOMAS SINGH SODHI	11/14/2016
JOHN P. SINGH	11/14/2016
BRENDON TAN	11/14/2016

## **RECEIVING PARTY DATA**

Name:	HALLIBURTON ENERGY SERVICES, INC.	
Street Address:	3000 N. SAM HOUSTON PARKWAY E.	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77032	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16336825

## **CORRESPONDENCE DATA**

Fax Number: (703)712-5050

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: 703-712-5000

tbutler@mcguirewoods.com Email:

HALLIBURTON C/O MCGUIREWOODS LLP **Correspondent Name:** 

1750 TYSONS BOULEVARD Address Line 1:

Address Line 2: **SUITE 1800** 

Address Line 4: **TYSONS, VIRGINIA 22102-4215** 

ATTORNEY DOCKET NUMBER:	2069464-0344PTUS	
NAME OF SUBMITTER:	TIFFANY BUTLER	
SIGNATURE:	/Tiffany Butler/	
DATE SIGNED:	04/23/2019	

**PATENT** REEL: 048973 FRAME: 0081 505441649

# Total Attachments: 7 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif

PATENT REEL: 048973 FRAME: 0082

## ASSIGNMENT

WHEREAS, We, Xueyu PANG, having an address of 20215 Niagara Falls Drive, Tomball, Texas 77375, USA; Gregory HUNDT, having an address of 21 Long Hearth Place, Spring, Texas 77382, USA; Samuel LEWIS, having an address of 3 Dahlia Trail Place, Spring, Texas 77382, USA; Thomas Singh SODHI, having an address of 410 Magnolia Bend, New Caney, Texas 77357, USA; John P. SINGH, having an address of 3603 Scenic Valley Drive, Kingwood, Texas 77345, USA; and Brendon TAN, having an address of 2510 Bevis Street, Houston, Texas 77008, USA, have invented certain new and useful improvements in a "STORABLE LIQUID SUSPENSION OF HOLLOW PARTICLES", shown and described in an International Patent Application filed under the Patent Cooperation Treaty on November 10, 2016, and assigned International Application No. PCT/US16/61274 (the "Application"); and

WHEREAS, Halliburton Energy Services, Inc., a Delaware corporation, having a correspondence address at 3000 N. Sam Houston Parkway E., Houston, Texas 77032, US, ("Halliburton"), is desirous of acquiring our entire right, title and interest in and to said inventions, Application and any patents which may issue thereon;

NOW, THEREFORE, be it known by all whom it may concern that for and in consideration of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, we agree to assign and hereby assign to Halliburton for the territory of the United States of America and the entire world our entire right, title and interest in and to said inventions and Application, and in and to any and all patent applications in the United States and all countries foreign to the United States which may claim priority to said Application or which may be directed to said inventions, said patent applications including without limitation any and all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, utility models, industrial models, and designs, and in and to any and all patents in the United States and all countries foreign to the United States which may be granted therefore and thereon, and in and to any reissues, reexaminations, and extensions of said patents. We hereby transfer and convey to Halliburton any right to recover for past and future infringement of the patents assigned herein.

WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of Halliburton, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said inventions, applications and patents, and we authorize the Commissioner of Patents and Trademarks, or any other patent-issuing authority in the United States or any other country, to issue said patents to Halliburton.

PATENT REEL: 048973 FRAME: 0083

Wileya Pang Xueyu PANG

THE STATE OF: COUNTY OF:

Tevas Hannis

Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the // day of 71 bus more 2016.

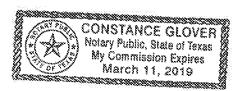
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Notary Public:

State of:

My commission expires:

Constance Hove



PATENT

REEL: 048973 FRAME: 0084

Gregory HUNDT

THE STATE OF: 75.45 COUNTY OF: Hacces

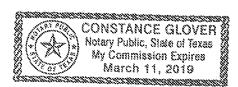
Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the 19 day of November 2016.

Notary Public:

State of:

My commission expires:

Texas



Samuel LEWIS

THE STATE OF: COUNTY OF:

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Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the  $\frac{1}{2}$  day of  $\frac{1}{2}$ 

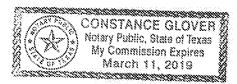
Notary Public:

State of:

My commission expires:

<u> 79x20</u>

March 11, 2019



# ASSIGNMENT Docket No. 2069464-0344PTWO 2016-IPM-100570 UT PCT

IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.

Phomas Singh SODHI

THE STATE OF: COUNTY OF:

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Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the  $\frac{11}{2}$  day of  $\frac{1}{2}$  day of  $\frac{1}{2}$ 

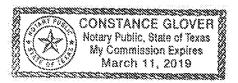
Notary Public:

State of:

My commission expires:

Tras

March 11,2019



թրո P. SINGH

THE STATE OF: COUNTY OF:

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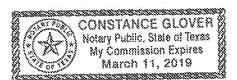
Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the 1/2 day of 7/20ex 2016.

Notary Public:

State of:

My commission expires:

march 11, 2019



# ASSIGNMENT Docket No. 2069464-0344PTWO 2016-IPM-100570 U1 PCT

IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.

Brendon TAN

THE STATE OF: COUNTY OF:

78465.

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Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the \(\frac{1}{2}\) day of \(\frac{71}{2006.0000}\) does deed.

Notary Public:

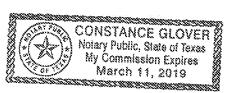
State of:

My commission expires:

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