

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CAILI DAI	05/10/2019
GUANG ZHAO	05/10/2019
HAIEN YANG	05/06/2019
PING YI	05/06/2019
SEN WANG	05/08/2019
QING YOU	05/08/2019
LONG HE	05/10/2019
MINGWEI ZHAO	05/07/2019
YINING WU	05/02/2019
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**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	16396010

**CORRESPONDENCE DATA**

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<b>ATTORNEY DOCKET NUMBER:</b>	RAP3-PT144
<b>NAME OF SUBMITTER:</b>	DOUGLAS J. BUCKLIN
<b>SIGNATURE:</b>	/Douglas J. Bucklin/
<b>DATE SIGNED:</b>	05/17/2019

**Total Attachments: 11**  
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## ASSIGNMENT

Caili Dai, a citizen of China having an address of No. 66, Changjiang West Road, Huangdao District, Qingdao, Shandong, China, 266580; Guang Zhao, a citizen of China having an address of No. 66, Changjiang West Road, Huangdao District, Qingdao, Shandong, China, 266580; Haien Yang, a citizen of China having an address of Changqing New Technology Development Center, Mingguang Road, Weiyang District, Xi'an, Shanxi, China, 710018; Ping Yi, a citizen of China having an address of Changqing New Technology Development Center, Mingguang Road, Weiyang District, Xi'an, Shanxi, China, 710018, Sen Wang, a citizen of China having an address of No. 66, Changjiang West Road, Huangdao District, Qingdao, Shandong, China, 266580; Qing You, a citizen of China having an address of No. 29 Xueyuan Road, Haidian District, Beijing, China, 100083; Long He, a citizen of China having an address of No.466, Changchun South Road, Urumqi, Xinjiang Uygur Autonomous Region, China, 830011; Mingwei Zhao, a citizen of China having an address of No. 66, Changjiang West Road, Huangdao District, Qingdao, Shandong, China, 266580; and Yining Wu, a citizen of China having an address of No. 66, Changjiang West Road, Huangdao District, Qingdao, Shandong, China, 266580, (all of the above hereafter jointly and severally referred to as the "undersigned") are the inventors of

### SKID-MOUNTED DISPERSED PARTICLE GEL PRODUCTION DEVICE, DISPERSED PARTICLE GEL AND PREPARATION METHOD AND USE THEREOF

for which the undersigned has executed an application for United States Letters Patent, U.S. Patent Application No. 16/396,010, filed April 26, 2019.

The undersigned hereby authorizes assignee or assignee's representative to insert the Application Number and the filing date of this application if they are unknown at the time of execution of this assignment.

China University of Petroleum (East China), a university having a principal place of business at N. 66, Changjiang, West Road, Huangdao District, Qingdao, Shandong, China, 266580; Oil and Gas Technology Research Institute, PetroChina

Changqing Oilfield Company, a company having a principal place of business at Changqing New Technology Development Center, Mingguang Road, Weiyang District, Xi'an, Shanxi, China, 710018; China University of Geosciences (Beijing), a university having a principal place of business at No. 29 Xueyuan Road, Haidian District, Beijing, China, 100083; and Northwest Oilfield Branch Engineering Technology Research Institute, Sinopec Group, a company having a principal place of business at No.466, Changchun South Road, Urumqi, Xinjiang Uygur Autonomous Region, China, 830011, (all of the above hereafter jointly and severally referred to as the "assignee") are desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign, and transfer to, the assignee and assignee's successors, assigns and legal representatives the entire right, title, and interest in said invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignees, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance.

EXECUTED under seal on this \_\_\_\_\_ day of 10/5, 2019

at Qingdao  
(Place)

Witness:

Yongpen Sun

Caili Dai  
Caili Dai

(Although not mandatory, if possible,  
please subscribe appropriate notarization and obtain APOSTILLE)

EXECUTED under seal on this \_\_\_\_\_ day of 12/5, 2019

at Qing Dao  
(Place)

Witness:

Lin Li

Guang Zhao  
Guang Zhao

(Although not mandatory, if possible,  
please subscribe appropriate notarization and obtain APOSTILLE)

EXECUTED under seal on this \_\_\_\_\_ day of 6/5, 2019

at Xi'an  
(Place)

Witness:

Lijun zheng

Haien Yang  
Haien Yang

(Although not mandatory, if possible,  
please subscribe appropriate notarization and obtain APOSTILLE)

EXECUTED under seal on this \_\_\_\_\_ day of 6/5, 2019

at Xi an  
(Place)

Witness:

Lijun zheng

Ping Yi  
Ping Yi

(Although not mandatory, if possible,  
please subscribe appropriate notarization and obtain APOSTILLE)



EXECUTED under seal on this \_\_\_\_\_ day of 8/5, 2019

at Long Dao  
(Place)

Witness:

Li Hong Feng

Sen Wang  
Sen Wang

(Although not mandatory, if possible,  
please subscribe appropriate notarization and obtain APOSTILLE)

EXECUTED under seal on this \_\_\_\_\_ day of 8/5, 2019

at Beijing  
(Place)

Witness:

Feng Jichao

Qing You  
Qing You

(Although not mandatory, if possible,  
please subscribe appropriate notarization and obtain APOSTILLE)

EXECUTED under seal on this \_\_\_\_\_ day of 10th, May, 2019

at Urumqi  
(Place)

Witness:

Jianhai Wang

Long He  
Long He

(Although not mandatory, if possible,  
please subscribe appropriate notarization and obtain APOSTILLE)

EXECUTED under seal on this \_\_\_\_\_ day of \_\_\_\_\_ 7/5 \_\_\_\_\_, 2011

at \_\_\_\_\_ Qing Dao \_\_\_\_\_  
(Place)

Witness:

\_\_\_\_\_  
Yong Hu

\_\_\_\_\_  
Mingwei Zhao  
Mingwei Zhao

(Although not mandatory, if possible,  
please subscribe appropriate notarization and obtain APOSTILLE)

EXECUTED under seal on this \_\_\_\_\_ day of May 02, 2019

at Qing Dao  
(Place)

Witness:

Yongping Huang

Yinging Wu  
Yinging Wu

(Although not mandatory, if possible,  
please subscribe appropriate notarization and obtain APOSTILLE)