

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4892052

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST IN PATENTS
CONVEYING PARTY DATA	
Name	Execution Date
WILMINGTON TRUST, NATIONAL ASSOCIATION	03/28/2018
RECEIVING PARTY DATA	
Name:	US SHALE SOLUTIONS, LLC
Street Address:	7670 WOODWAY DRIVE, SUITE 250
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77063
Name:	J4 FLUID SERVICES, LLC. A DELAWARE LIMITED LIABILITY COMPANY
Street Address:	7670 WOODWAY DRIVE, SUITE 250
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77063
Name:	CULBERSON CONSTRUCTION, LLC, A DELAWARE LIMITED LIABILITY COMPANY
Street Address:	7670 WOODWAY DRIVE, SUITE 250
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77063
Name:	RITTER CONSTRUCTION COMPANY, LLC, A DELAWARE A LIMITED LIABILITY COMPANY
Street Address:	7670 WOODWAY DRIVE, SUITE 250
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77063
Name:	US SHALE HOLDCO, LLC, A DELAWARE LIMITED LIABILITY COMPANY
Street Address:	7670 WOODWAY DRIVE, SUITE 250
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77063
PROPERTY NUMBERS Total: 1	
PATENT	

Property Type	Number
Patent Number:	8905627

CORRESPONDENCE DATA

Fax Number:

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.

Email: michael.barys@clarivate.com

Correspondent Name: LAURA L. DUNN

Address Line 1: 111 WEST MONROE STREET

Address Line 2: CHAPMAN AND CUTLER LLP

Address Line 4: CHICAGO, ILLINOIS 60603

NAME OF SUBMITTER: LAURA L. DUNN

SIGNATURE: /Michael Barys/

DATE SIGNED: 03/30/2018

Total Attachments: 5

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Wilmington Trust, National Association

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) March 27, 2018

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other Release of Security Interest in Patents

2. Name and address of receiving party(ies)

Name: US Shale Solutions, LLC

Internal Address: _____

Street Address: 7670 Woodway Drive, Suite 250

City: Houston

State: Texas

Country: USA

Zip: 77063

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

See Schedule A

See Schedule A

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Laura L. Dunn

Internal Address: Chapman and Cutler LLP

Street Address: 111 West Monroe Street

City: Chicago

State: Illinois Zip: 60603

Phone Number: 312-845-3408

Docket Number: _____

Email Address: ldunn@chapman.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

March 27, 2018

Date

Laura L. Dunn, Paralegal

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ADDITIONAL RECEIVING PARTIES:

J4 FLUID SERVICES, LLC, a Delaware limited liability company
CULBERSON CONSTRUCTION, LLC, a Delaware limited liability company
RITTER CONSTRUCTION COMPANY, LLC, a Delaware limited liability company
US SHALE HOLDCO, LLC, a Delaware limited liability company

7670 Woodway Drive
Suite 250
Houston, Texas 77063

RELEASE OF SECURITY INTEREST IN PATENTS

THIS RELEASE OF SECURITY INTEREST IN PATENTS dated March 28, 2018 by Wilmington Trust, National Association, a national association ("*Wilmington Trust*"), with its mailing address at 50 South Sixth Street, Suite 1290, Minneapolis, Minnesota 55402, acting as collateral agent hereunder for itself (Wilmington Trust acting as such collateral agent being hereinafter referred to as the "*Grantee*");

WITNESSETH:

WHEREAS, US Shale Solutions, LLC, J4 Fluid Services, LLC, Culberson Construction, LLC, Ritter Construction Company, LLC and US Shale Holdco, LLC (collectively, the "*Grantors*"), with their principal place of business and mailing address at 7670 Woodway Drive, Suite 250, Houston, Texas 77063, and Grantee were parties to a certain Grant of Security Interest in United States Patents dated January 13, 2016 between Grantors and Grantee which was recorded in the United States Patent and Trademark Office on March 2, 2016 at Reel 037872, Frame 0242 (the "*Agreement*"), pursuant to which Grantors granted to Grantee, a security interest in, among other things, the patents and patent applications listed on Schedule A attached hereto and certain other property (collectively, the "*Patent Property*"); and

WHEREAS, Grantors have requested that Grantee release its security interests in the Patent Property;

NOW, THEREFORE, for good and valuable consideration, receipt and sufficiency of which are hereby acknowledged:

Grantee hereby releases its security interests in, without any representation, warranty, recourse or undertaking by Grantee, all of its right, title and interest, if any, in and to each patent and patent application listed on Schedule A hereto, including:

(i) Each patent and patent application listed on Schedule A hereto, and all of the goodwill of the business connected with the use of, and symbolized by, each such patent and patent application; and

(ii) All proceeds of the foregoing, including without limitation any claim by Grantors against third parties for damages by reason of past, present or future infringement of any patent or patent application listed on Schedule A hereto or by reason of injury to the goodwill associated with any such patent or patent application, in each case together with the right to sue for and collect said damages.

[SIGNATURE PAGE TO FOLLOW]

IN WITNESS WHEREOF, Grantee has caused this Release of Security Interests in Patents to be duly executed by its duly authorized officer as of the day and year first above written.

WILMINGTON TRUST, NATIONAL
ASSOCIATION, not in its individual capacity
but solely as Collateral Agent and Grantee

By 
Name Jane Schweiger
Title Vice President

[SIGNATURE PAGE TO RELEASE OF SECURITY INTERESTS IN PATENTS]

PATENT
REEL: 045788 FRAME: 0242

SCHEDULE A
TO RELEASE OF SECURITY INTERESTS IN PATENTS

U.S. PATENT NUMBERS
AND PENDING U.S. PATENT APPLICATION NUMBERS

TITLE	APPLICATION NUMBER	FILING DATE	PATENT NO.	ISSUE DATE
POLYMER BLENDING SYSTEM	13/216,329	24-Aug-11	8905627	9-Dec-14

PENDING U.S. PATENT APPLICATION NUMBERS

None