

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6536175

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the PREVIOUSLY ENTERED NAME OF RECEIVER ENTITY - TO REMOVE EXCESS INFORMATION previously recorded on Reel 047606 Frame 0580. Assignor(s) hereby confirms the RECEIVER ENTITY SHOULD READ ONLY "LIBERTY OILFIELD SERVICES LLC".	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	LOS ACQUISITION CO I LLC	03/20/2018
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	LIBERTY OILFIELD SERVICES LLC	
<b>Street Address:</b>	950 17TH STREET, SUITE 2400	
<b>City:</b>	DENVER	
<b>State/Country:</b>	COLORADO	
<b>Postal Code:</b>	80202	
<b>PROPERTY NUMBERS Total: 8</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Patent Number:</b>	7559373	
<b>Patent Number:</b>	8061427	
<b>Patent Number:</b>	7749946	
<b>Patent Number:</b>	8193127	
<b>Patent Number:</b>	8347965	
<b>Patent Number:</b>	9228424	
<b>Application Number:</b>	14720277	
<b>Application Number:</b>	15250271	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(214)200-0853	
<i>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.</i>		
<b>Phone:</b>	2109787477	
<b>Email:</b>	ipdocketing@haynesboone.com	
<b>Correspondent Name:</b>	VENISA DARK	
<b>Address Line 1:</b>	2323 VICTORY AVENUE, SUITE 700	
<b>Address Line 4:</b>	DALLAS, TEXAS 75219	
<b>ATTORNEY DOCKET NUMBER:</b>	57204.2_LEGRANDM	

<b>NAME OF SUBMITTER:</b>	VENISA DARK
<b>SIGNATURE:</b>	/Venisa Dark/
<b>DATE SIGNED:</b>	02/05/2021
<b>Total Attachments: 7</b> source=Corrective Assignment Coversheet#page1.tif source=Reel 47606 Frame 0580 Notice of Recordation#page1.tif source=Reel 47606 Frame 0580 Notice of Recordation#page2.tif source=2018-03-20 Certificate of Merger from LOS Acquisition Co I LLC to Liberty Oilfield Services#page1.tif source=2018-03-20 Certificate of Merger from LOS Acquisition Co I LLC to Liberty Oilfield Services#page2.tif source=2018-03-20 Certificate of Merger from LOS Acquisition Co I LLC to Liberty Oilfield Services#page3.tif source=2018-03-20 Certificate of Merger from LOS Acquisition Co I LLC to Liberty Oilfield Services#page4.tif	

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5255341

<b>SUBMISSION TYPE:</b>	Corrective Filing - NEW ASSIGNMENT MERGER	
<b>NATURE OF CONVEYANCE:</b>	03/20/2018	
<b>EFFECTIVE DATE:</b>		
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	LOS ACQUISITION CO I LLC (A DELAWARE LIMITED LIABILITY COMPANY)	03/20/2018
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	LIBERTY OILFIELD SERVICES LLC	
	950 17TH STREET, SUITE 2400	
<b>Street Address:</b>	DENVER	
<b>City:</b>	COLORADO	
<b>State/Country:</b>	80202	
<b>Postal Code:</b>		
<b>PROPERTY NUMBERS Total: 8</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	7749946	
Patent Number:	8193127	
Patent Number:	8347965	
Patent Number:	7559373	
Patent Number:	8061427	
Patent Number:	9228424	
Application Number:	14720277	
Application Number:	15250271	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(214)200-0853	
<i>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.</i>		
<b>Phone:</b>	2109787487	
<b>Email:</b>	venisa.dark@haynesboone.com	
<b>Correspondent Name:</b>	VENISA DARK, HAYNES AND BOONE, LLP	
<b>Address Line 1:</b>	2323 VICTORY AVENUE, SUITE 700	
<b>Address Line 4:</b>	DALLAS, TEXAS 75219	
<b>ATTORNEY DOCKET NUMBER:</b>	57204.02_LEGRAND	
<b>NAME OF SUBMITTER:</b>	VENISA DARK	

# Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"LOS ACQUISITION CO I LLC", A DELAWARE LIMITED LIABILITY COMPANY,

WITH AND INTO "LIBERTY OILFIELD SERVICES LLC" UNDER THE NAME OF "LIBERTY OILFIELD SERVICES LLC", A LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE ON THE TWENTY-SECOND DAY OF MARCH, A.D. 2018, AT 11:18 O`CLOCK A.M.



  
Jeffrey W. Bullock, Secretary of State

4984181 8100M  
SR# 20182105538

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

Authentication: 202372920  
Date: 03-22-18

**PATENT**  
**REEL: 055225 FRAME: 0299**

**CERTIFICATE OF MERGER**  
**OF**  
**LOS ACQUISITION CO I LLC**  
**WITH AND INTO**  
**LIBERTY OILFIELD SERVICES LLC**

**March 21, 2018**

Pursuant to Title 6, Section 18-209 of the Delaware Limited Liability Company Act (the "Act"), the undersigned limited liability company executed the following Certificate of Merger:

**FIRST:** The name, jurisdiction of formation, type of entity, and file number issued by the Secretary of State for each organization that is party to the merger are as follows:

1. **LOS Acquisition Co I LLC ("Merging Entity"):**
  - a. It is organized under the laws of the State of Delaware.
  - b. The organization is a limited liability company.
  - c. Its Delaware Secretary of State file number is 6025600.
  - d. Its principal place of business is 950 17th Street, Suite 2400, Denver, Colorado 80202.
  - e. This organization will not survive the merger and following the merger, it will no longer exist.
2. **Liberty Oilfield Services LLC ("Surviving Entity")**
  - a. It is organized under the laws of the State of Delaware.
  - b. The organization is a limited liability company.
  - c. Its Delaware Secretary of State file number is 4984181.
  - d. Its principal place of business is 950 17th Street, Suite 2400, Denver, Colorado 80202.
  - e. This organization will survive the merger.

**SECOND:** The Agreement of Merger has been duly approved, adopted, certified, executed and acknowledged by each of the constituent limited liability companies pursuant to Title 8, Section 18-209 of the Act.

**THIRD:** The name of the surviving entity is Liberty Oilfield Services LLC.

**FOURTH:** The Certificate of Formation of the Surviving Entity shall be its Certification of Formation.

**FIFTH:** The merger is to become effective upon the filing of this Certificate of Merger.

**SIXTH:** The Agreement of Merger is on file at 950 17th Street, Suite 2400, Denver, Colorado 80202, the principal place of business of the Surviving Entity.

**SEVENTH:** A copy of the Agreement of Merger will be furnished by the Surviving Entity upon written request, without cost, to any member of either of the constituent limited liability companies.

[Signature Page Follows]

IN WITNESS WHEREOF, said Surviving Entity has caused this Certificate of Merger  
to be signed by an authorized officer on the date first set forth above.

**LIBERTY OILFIELD SERVICES LLC,**  
a Delaware limited liability company

By: 

Michael Stock  
Chief Financial Officer