

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4201375

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
BASIC ENERGY SERVICES, L.P.	12/23/2016
RECEIVING PARTY DATA	
Name:	U.S. BANK NATIONAL ASSOCIATION
Street Address:	214 N. TRYON STREET
Internal Address:	27TH FLOOR
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28202
PROPERTY NUMBERS Total: 3	
Property Type	Number
Patent Number:	8647598
Application Number:	12719372
Application Number:	14176335
CORRESPONDENCE DATA	
Fax Number:	(800)494-7512
<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>	
Phone:	202-370-4750
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Correspondent Name:	DARLENA BARI STARK
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ATTORNEY DOCKET NUMBER:	F167439
NAME OF SUBMITTER:	EMILY OHANNESSIAN
SIGNATURE:	/Emily Ohannessian/
DATE SIGNED:	12/27/2016
Total Attachments: 5	
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PATENT

REEL: 040773 FRAME: 0293

PATENT SECURITY AGREEMENT SUPPLEMENT

December 23, 2016

WHEREAS, Basic Energy Services, L.P. a limited partnership (herein referred to as the “**Debtor**”), whose address is 801 Cherry Street, Suite 2100, Fort Worth, TX 76102, owns the letters patent, and/or applications for letters patent, of the United States of America, more particularly described on Schedule 1-A annexed hereto as part hereof (the “**Patents**”);

WHEREAS, Basic Energy Services, Inc., a Delaware corporation (the “**Borrower**”), has entered into the Amended and Restated Term Loan Credit Agreement dated as of December 23, 2016 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “**Credit Agreement**”) with the financial institutions from time to time party thereto (the “**Lenders**”), and U.S. Bank National Association, in its capacity as administrative agent (in such capacity, the “**Administrative Agent**”); and

WHEREAS, in connection with the Credit Agreement, the Borrower, the Debtor, and certain other subsidiaries of the Borrower have entered into a Security Agreement dated as of December 23, 2016 (as amended or otherwise modified from time to time, the “**Security Agreement**”) in favor of the Administrative Agent, pursuant to which the Debtor has granted to the Administrative Agent, for the benefit of the holders of the Secured Obligations (as defined in the Security Agreement), a security interest in all right, title and interest of the Debtor in and to the Patents, together with all registrations and recordings thereof, including, without limitation, applications, registrations and recordings in the United States Patent and Trademark Office or in any similar office or agency of the United States or any other jurisdiction or any political subdivision thereof, all whether now or hereafter owned or licensable by the Debtor, and all reissues, continuations, continuations-in-part, term restorations or extensions thereof, all Patent Licenses (as defined in the Security Agreement) and all proceeds of any of the foregoing, including, without limitation, any claims by the Debtor against third parties for infringement or other violation of any of the foregoing for the full term of the Patents (collectively, the “**Collateral**”), to secure the prompt payment, performance and observance of the Secured Obligations;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, the Debtor does hereby further confirm, and put on the public record, its grant to the Administrative Agent of a security interest in all of Debtor’s right, title and interest in, to and under all of the Collateral to secure the prompt payment, performance and observance of the Secured Obligations.

The Debtor does hereby further acknowledge and affirm that the rights and remedies of the Administrative Agent with respect to the grant of and security interest in the Collateral made hereby are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

The Administrative Agent's address is 214 N. Tryon Street, 27th Floor Charlotte, NC 28202.

[Signature page follows.]

IN WITNESS WHEREOF, Basic Energy Services, L.P. has duly executed or caused this Supplement to the Security Agreement to be duly executed as of the date first set forth above.

BASIC ENERGY SERVICES, L.P.

By: Basic Energy Services GP, LLC, its sole
general partner

By: Basic Energy Services, Inc., its sole member

By: 

Name: Alan Krenek

Title: Senior Vice President, Chief Financial
Officer, Treasurer and Secretary

[Signature Page to Patent Security Agreement Supplement]

Accepted and Agreed:

U.S. BANK NATIONAL ASSOCIATION,
as Administrative Agent

By:

Name:

Title:

James A. Hanley
Vice President

[Signature Page to Patent Security Agreement Supplement]

SCHEDULE 1-A
TO THE PATENT SECURITY AGREEMENT SUPPLEMENT

Pending

1. Patent Pending: Apparatus and Methods for Producing Chlorine Dioxide
Inventors: Kristian E. Grimland and John Charles Sokol
Assignee: Basic Energy Services, L.P. recorded on
February 11, 2014
Serial Number: 12/719,372
Filed: March 8, 2010
Docket #: 5626/11(a)
2. Patent Pending: Apparatus and Methods for Producing Chlorine Dioxide
Inventors: Kristian E. Grimland and John Charles Sokol
Assignee: Basic Energy Services, L.P. recorded on
February 11, 2014
Serial Number: 14/176,335
Filed: March 8, 2010
Docket #: 5626/11(a)

Patent

1. Patent: Apparatus and Methods for Producing Chlorine Dioxide
Inventors: Kristian E. Grimland and John Charles Sokol
Patent No.: 8,647,598 B2
Issue Date of Patent: February 11, 2014
Assignee: Basic Energy Services, L.P. recorded on
February 11, 2014