

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4669434

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT  |
| <b>NATURE OF CONVEYANCE:</b>  | RELEASE OF SECURITY INTEREST IN PATENTS FILED AT R/F<br>038322/0170 |
| <b>CONVEYING PARTY DATA</b>   |   |
| <b>Name</b>   | <b>Execution Date</b>   |
| BARCLAYS BANK PLC   | 10/31/2017  |
| <b>RECEIVING PARTY DATA</b>   |   |
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| <b>Postal Code:</b>   | 44026   |
| <b>PROPERTY NUMBERS Total: 9</b>  |   |
| <b>Property Type</b>  | <b>Number</b>   |
| Application Number:   | 12908411  |
| Application Number:   | 61662681  |
| Application Number:   | 13599828  |
| Application Number:   | 61725751  |
| Application Number:   | 61764792  |
| Application Number:   | 13838806  |
| Application Number:   | 13324424  |
| PCT Number:   | US2012053134  |
| PCT Number:   | US2013032435  |
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| <b>Correspondent Name:</b>  | LATHAM & WATKINS LLP C/O ANGELA M. AMARU                            |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 039269-0165   |
| <b>NAME OF SUBMITTER:</b>   | ANGELA M. AMARU   |

|   |                     |
|---|---------------------|
| <b>SIGNATURE:</b>   | /S/ Angela M. Amaru |
| <b>DATE SIGNED:</b>   | 11/01/2017          |
| <b>Total Attachments: 4</b><br>source=Fairmount 2016 Patent Release Self-Suspending Proppant rf 038322-0170#page1.tif<br>source=Fairmount 2016 Patent Release Self-Suspending Proppant rf 038322-0170#page2.tif<br>source=Fairmount 2016 Patent Release Self-Suspending Proppant rf 038322-0170#page3.tif<br>source=Fairmount 2016 Patent Release Self-Suspending Proppant rf 038322-0170#page4.tif |                     |

RELEASE OF SECURITY INTEREST IN PATENTS

This Release of Security Interest in Patents is dated as of November 1, 2017 (as it may be restated, supplemented or otherwise modified from time to time, this “Release”), is made by Barclays Bank PLC as collateral agent (in such capacity, “Collateral Agent”) for the Secured Parties.

WHEREAS, Collateral Agent, Self-Suspending Proppant LLC (“Grantor”) are party to the U.S. Pledge and Security Agreement dated as of August 5, 2010 (as amended, restated, supplemented or otherwise modified, the “Pledge and Security Agreement”); unless otherwise defined herein, terms defined in the Pledge and Security Agreement and used herein have the meaning given to them in the Pledge and Security Agreement) pursuant to which Grantor granted a security interest to the Collateral Agent in the Patent Collateral (as defined below);

WHEREAS, pursuant to the Pledge and Security Agreement, Grantor entered into that certain Patent Security Agreement, dated as of August 19, 2013 in favor of Collateral Agent (as amended, restated, supplemented or otherwise modified, the “Patent Security Agreement”), granting to Collateral Agent, for the benefit of the Secured Parties, a security interest in and continuing lien on all of Grantor’s right, title and interest in, to and under all of the Grantor’s patents and patent applications, including, without limitation, those listed on Schedule A attached hereto, together with (i) all reissues, divisions, continuations, continuations-in-part, extensions, renewals, and reexaminations thereof, (ii) all improvements thereto, (iii) the right to sue or otherwise recover for any past, present and future infringement or other violation thereof, (iv) all Proceeds of the foregoing, including, without limitation, license fees, royalties, income, payments, claims, damages, and proceeds of suit now or hereafter due and/or payable with respect thereto, and (v) all other rights of any kind accruing thereunder or pertaining thereto throughout the world (collectively, the “Patent Collateral”);

WHEREAS, the Patent Security Agreement was recorded with the United States Patent and Trademark Office on April 19, 2016 at Reel 038322 and Frame 0170; and

WHEREAS, Collateral Agent has agreed to release its lien on and security interest in the Patent Collateral and to re-assign all rights in the Patent Collateral to Grantor.

NOW, THEREFORE, in consideration of the foregoing, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Collateral Agent hereby terminates the Patent Security Agreement and terminates, discharges, relinquishes and releases, as of the date hereof, its security interest in and lien on all of Grantor’s right, title and interest in, to and under the Patent Collateral and Collateral Agent hereby re-assigns to Grantor any right, title or interest it may have in such Patent Collateral, all without warranty or representation of any kind.

THIS RELEASE SHALL BE DEEMED TO BE A CONTRACT UNDER THE LAW OF THE STATE OF NEW YORK WITHOUT REGARD TO ITS CONFLICT OF LAWS PRINCIPLES THAT WOULD REQUIRE THE APPLICATION OF ANY OTHER LAW.

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IN WITNESS WHEREOF, the Collateral Agent has caused this Release of Security Interest in Patents to be duly executed and delivered by its duly authorized officer as of the date first above written.

BARCLAYS BANK PLC,  
as Collateral Agent

By:  \_\_\_\_\_

Name: May Juank

Title: Assistant Vice President

[Signature Page to Fairmount Patent Release]

**PATENT**  
**REEL: 044654 FRAME: 0004**

SCHEDULE A  
TO  
RELEASE OF SECURITY INTEREST IN PATENTS

[See attached.]

**SCHEDULE A**  
to  
**PATENT SECURITY AGREEMENT**  
**PATENTS AND PATENT APPLICATIONS**

| Grantor | Country                  | Application Title                                  | Status    | App. No.       | Filing Date | Pub Date    | Pat No. | Issue Date | Exp. Date |
|---------|--------------------------|--|-----------|----------------|-------------|-------------|---------|------------|-----------|
| SSP     | United States of America | PROPPANTS FOR HYDRAULIC FRACTURING TECHNOLOGIES    | Published | 12/908,411     | 20-Oct-2010 | 26-May-2011 |         |            |           |
| SSP     | Canada                   | PROPPANTS FOR HYDRAULIC FRACTURING TECHNOLOGIES    | Pending   | 2777748        | 13-Apr-2012 |             |         |            |           |
| SSP     | United States of America | SELF-SUSPENDING PROPPANTS FOR HYDRAULIC FRACTURING | Pending   | 61/662,681     | 21-Jun-2012 |             |         |            |           |
| SSP     | United States of America | SELF-SUSPENDING PROPPANTS FOR HYDRAULIC FRACTURING | Pending   | 13/599,828     | 30-Aug-2012 |             |         |            |           |
| SSP     | PCT                      | SELF-SUSPENDING PROPPANTS FOR HYDRAULIC FRACTURING | Published | PCU/US12/53134 | 30-Aug-2012 | 07-Mar-2012 |         |            |           |
| SSP     | United States of America | SELF-SUSPENDING PROPPANTS FOR HYDRAULIC FRACTURING | Pending   | 61/725,751     | 13-Nov-2012 |             |         |            |           |
| SSP     | United States of America | SELF-SUSPENDING PROPPANTS FOR HYDRAULIC FRACTURING | Pending   | 61/764,792     | 14-Feb-2013 |             |         |            |           |
| SSP     | PCT                      | SELF-SUSPENDING PROPPANTS FOR HYDRAULIC FRACTURING | Pending   | PCT/US13/32435 | 15-Mar-2013 |             |         |            |           |
| SSP     | United States of America | SELF-SUSPENDING PROPPANTS FOR HYDRAULIC FRACTURING | Pending   | 13/838,806     | 15-Mar-2013 |             |         |            |           |
| SSP     | United States of America | SELF-SUSPENDING PROPPANTS FOR HYDRAULIC FRACTURING | Pending   | 13/324,424     | 15-Mar-2013 |             |         |            |           |

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RECORDED: 11/01/2017

PATENT  
REEL: 044654 FRAME: 0006