

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4575932

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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>                    |
| THOMAS SINGH SODHI  | 02/07/2014                               |
| PAULINE AKINYI OTIENO   | 10/31/2013                               |
| VIVEK S. GOEL   | 11/01/2013                               |
| BENJAMIN JOHN IVERSON   | 10/31/2013                               |
| <b>RECEIVING PARTY DATA</b>   |  |
| <b>Name:</b>  | HALLIBURTON ENERGY SERVICES, INC.        |
| <b>Street Address:</b>  | 3000 N. SAM HOUSTON PARKWAY E.           |
| <b>City:</b>  | HOUSTON                                  |
| <b>State/Country:</b>   | TEXAS                                    |
| <b>Postal Code:</b>   | 77032-3219                               |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |
| <b>Property Type</b>  | <b>Number</b>                            |
| <b>Application Number:</b>  | 15692879                                 |
| <b>CORRESPONDENCE DATA</b>  |  |
| <b>Fax Number:</b>  | (972)480-8865                            |
| <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>   | 972-480-8800                             |
| <b>Email:</b>   | docket@pj-iplaw.com                      |
| <b>Correspondent Name:</b>  | HALLIBURTON ENERGY SERVICES, INC. C/O PA |
| <b>Address Line 1:</b>  | 14241 DALLAS PARKWAY                     |
| <b>Address Line 2:</b>  | SUITE 620                                |
| <b>Address Line 4:</b>  | DALLAS, TEXAS 75254                      |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 2013-080067 U1D1 US                      |
| <b>NAME OF SUBMITTER:</b>   | CHARLES W. GAINES                        |
| <b>SIGNATURE:</b>   | /Charles W. Gaines/                      |
| <b>DATE SIGNED:</b>   | 08/31/2017                               |
| <b>Total Attachments: 5</b>   |  |
| source=2013-080067U1D1US_Assignment#page1.tif   |  |
| source=2013-080067U1D1US_Assignment#page2.tif   |  |

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source=2013-080067U1D1US\_Assignment#page5.tif

ASSIGNMENT

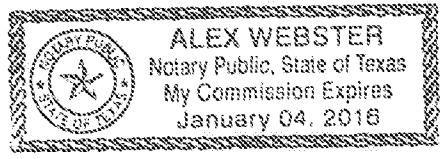
For valuable consideration, we, Thomas Singh Sodhi, of New Caney, TX, Pauline Akinyi Otieno, of Spring, TX, Vivek S. Goel, of Humble, TX, Benjamin John Iverson, of Spring, TX, hereby assign to Halliburton Energy Services, Inc., a Delaware corporation having a place of business in Houston, Texas, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of a PCT Patent Application entitled CORRELATING ENERGY TO MIX CEMENT SLURRY UNDER DIFFERENT MIXING CONDITIONS, filed October 31, 2013, and assigned PCT Serial Number PCT/US2013/067874, this assignment including said application, any and all United States and foreign applications and patents, utility models, and design registrations for any of said inventions or improvements; and the right to claim priority based on the filing date of said application under all treaties; and we hereby authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Thomas Singh Sodhi  
Thomas Singh Sodhi

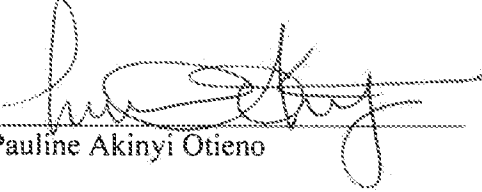
DATE: 2/7/2014

STATE OF TEXAS       §  
                                  §  
COUNTY OF Harris   §

On the 7<sup>th</sup> day of February, \_\_\_\_\_, before me, the undersigned notary public, personally appeared T. S. Sodhi, known to me to be the person whose name is subscribed on the foregoing instrument.



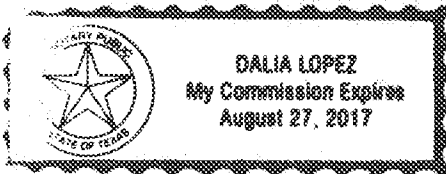
Alex Webster  
Notary Public, State of Texas

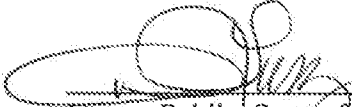
  
Pauline Akinyi Otieno

DATE: 10/31/2013

STATE OF TEXAS       §  
                                  §  
COUNTY OF Norris   §

On the 31 day of October, 2013, before me, the undersigned notary public, personally appeared \_\_\_\_\_, known to me to be the person whose name is subscribed on the foregoing instrument.



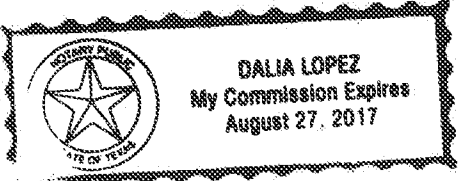
  
\_\_\_\_\_  
Notary Public, State of Texas

Vivek  
Vivek S. Goel

DATE: 11/01/13

STATE OF TEXAS       §  
  §  
COUNTY OF Norris   §

On the 1 day of November, before me, the undersigned notary public, personally appeared Vivek Goel, known to me to be the person whose name is subscribed on the foregoing instrument.



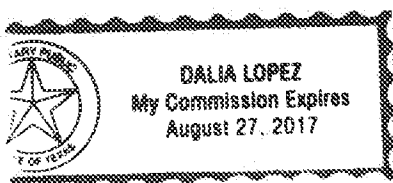
[Signature]  
Notary Public, State of Texas

Benjamin John Iverson  
Benjamin John Iverson

DATE: 10/31/13

STATE OF TEXAS           §  
  §  
COUNTY OF Harris       §

On the 31 day of October, 2013, before me, the undersigned notary public, personally appeared Oct. 31, 2013, known to me to be the person whose name is subscribed on the foregoing instrument.



[Signature]  
Notary Public, State of Texas

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