

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3201607

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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>                  |
| KAY A. MORRIS   | 08/28/2012                             |
| JAY P. DEVILLE  | 08/28/2012                             |
| GREG P. PEREZ   | 08/29/2012                             |
| <b>RECEIVING PARTY DATA</b>   |  |
| <b>Name:</b>  | HALLIBURTON ENERGY SERVICES, INC.      |
| <b>Street Address:</b>  | 3000 N. SAM HOUSTON PARKWAY EAST       |
| <b>City:</b>  | HOUSTON                                |
| <b>State/Country:</b>   | TEXAS                                  |
| <b>Postal Code:</b>   | 77032                                  |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |
| <b>Property Type</b>  | <b>Number</b>                          |
| <b>Application Number:</b>  | 14607529                               |
| <b>CORRESPONDENCE DATA</b>  |  |
| <b>Fax Number:</b>  |  |
| <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>   | 972-773-9947                           |
| <b>Email:</b>   | law@sheriigginslaw.com                 |
| <b>Correspondent Name:</b>  | HALLIBURTON DALLAS / IDA SHERI HIGGINS |
| <b>Address Line 1:</b>  | 4106 UNIVERSITY BLVD.                  |
| <b>Address Line 4:</b>  | DALLAS, TEXAS 75205                    |
| <b>ATTORNEY DOCKET NUMBER:</b>  | HAL 152D1 US                           |
| <b>NAME OF SUBMITTER:</b>   | SHERI HIGGINS                          |
| <b>SIGNATURE:</b>   | /Sheri Higgins/                        |
| <b>DATE SIGNED:</b>   | 01/28/2015                             |
| <b>Total Attachments: 4</b>   |  |
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| source=2011-IP-046696U1D1US_HAL-152D1US_ASSIGNMENT#page2.tif  |  |
| source=2011-IP-046696U1D1US_HAL-152D1US_ASSIGNMENT#page3.tif  |  |
| source=2011-IP-046696U1D1US_HAL-152D1US_ASSIGNMENT#page4.tif  |  |

## ASSIGNMENT

Whereas, Kay A. MORRIS, Jay P. DEVILLE and Greg P. PEREZ of Houston, Texas ("Assignor"), have invented "FLUOROUS ADDITIVES FOR USE IN A FLUOROUS-BASED TREATMENT FLUID" for which Assignor has made application for Letters Patent of the United States; and

Whereas, HALLIBURTON ENERGY SERVICES, a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 ("Assignee") is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor, by these presents does sell, assign, transfer, and convey unto Assignee, its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application first executed on August 28, 2012, submitted concurrently herewith, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefore; said invention, application and any and all Letters Patent issuing therefore to be held and enjoyed by Assignee, for its own use, and for Assignee's legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by Assignor and had this assignment and sale not been made.

And Assignor does further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And Assignor does further agree to communicate to Assignee, its successors, assigns or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to Assignor, and to testify as to such facts in any interference or other litigation.

EXECUTED at Harris County, Texas on the 28<sup>th</sup> day of August, 2012.

Kay A. Morris

Kay A. MORRIS

COUNTY OF Harris §  
STATE OF Texas §

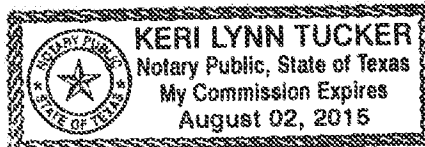
BEFORE ME, the undersigned authority, on this day personally appeared **Kay A. MORRIS** known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 28 day of August, 2012.

Keri Lynn Tucker

Notary Public

My Commission Expires:



EXECUTED at Harris County, Texas on the 28<sup>th</sup> day of August, 2012.

Jay P. Deville  
Jay P. DEVILLE

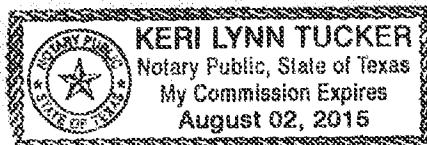
COUNTY OF Harris §  
STATE OF Texas §

BEFORE ME, the undersigned authority, on this day personally appeared Jay P. DEVILLE known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 28<sup>th</sup> day of August, 2012.

Keri Lynn Tucker  
Notary Public

My Commission Expires:



EXECUTED at HARRIS County, Texas on the 29<sup>th</sup> day of August, 2012.

Greg P. Perez  
Greg P. PEREZ

COUNTY OF HARRIS §  
STATE OF TEXAS §

BEFORE ME, the undersigned authority, on this day personally appeared **Greg P. PEREZ** known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 29 day of August, 2012.

Keri Lynn Tucker  
Notary Public

My Commission Expires:

