

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jay Paul Deville</td> <td>10/26/2012</td> </tr> <tr> <td>Phillip Wayne Livanec</td> <td>10/26/2012</td> </tr> <tr> <td>Sherif Eldin</td> <td>10/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jay Paul Deville	10/26/2012	Phillip Wayne Livanec	10/26/2012	Sherif Eldin	10/26/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Halliburton Energy Services, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>10200 Bellaire Boulevard</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77072</td> </tr> </table>		Name:	Halliburton Energy Services, Inc.	Street Address:	10200 Bellaire Boulevard	City:	Houston	State/Country:	TEXAS	Postal Code:	77072
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13663613</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13663613						
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CORRESPONDENCE DATA											
<p>Fax Number: 5802513917 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 580-251-3012 Email: dallen@mwe.com Correspondent Name: CRAIG W. RODDY HALLIBURTON ENERGY SERVIC Address Line 1: P.O. BOX 1431 Address Line 4: DUNCAN, OKLAHOMA 73536-0440</p>											
ATTORNEY DOCKET NUMBER:	086108-0787										
NAME OF SUBMITTER:	Debbie Allen										
	This document serves as an Oath/Declaration (37 CFR 1.63).										
<p>Total Attachments: 4 source=0861080787DeclAssign#page1.tif source=0861080787DeclAssign#page2.tif source=0861080787DeclAssign#page3.tif source=0861080787DeclAssign#page4.tif</p>											

CH \$40.00 13663613

DECLARATION AND ASSIGNMENT

Whereas, We Jay Paul Deville; Phillip Wayne Livanec; and, Sherif Eldin have
Invented:

- ☒ The attached application to be filed as a United States application or
PCT international application, or
☐ United States application or PCT international application number
_____ filed on _____; and,

entitled "Chemically Tagged Polymers for Simplified Quantification and Related
Methods." Regarding that application, each of the undersigned inventors declares
the following:

- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a
claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this
declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of
not more than five (5) years, or both.

Moreover, Whereas, Halliburton Energy Services, Inc., a Delaware Corporation,
having a place of business at 10200 Bellaire Boulevard, Houston, TX 77072 is
desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and
sufficiency of which is hereby acknowledged, We, by these presents do sell, assign
and transfer and convey unto Halliburton Energy Services, Inc., 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 identified above, 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 there from to be held and enjoyed by
Halliburton Energy Services, Inc., for its own use and benefit, and for its 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 me and had this assignment and sale not been made.

And We do 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 We do further agree to communicate to Halliburton Energy Services, Inc., its successors, assign 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 me, and to testify as to such facts in any interference or other litigation.

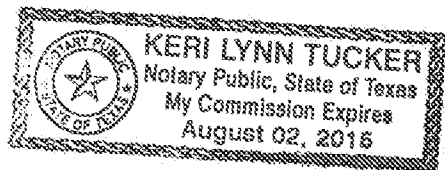
Executed this 26th day of October, 2012

Jay Paul Deville
Jay Paul Deville

STATE OF TEXAS)
COUNTY OF Harris)

Before me personally appeared said Jay Paul Deville and acknowledged the foregoing instrument to be a free act and deed this 26 day of October, 2012.

Seal



Keri Lynn Tucker
(Notary)

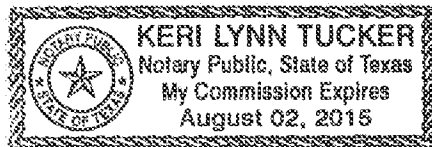
Executed this 26 day of October, 2012

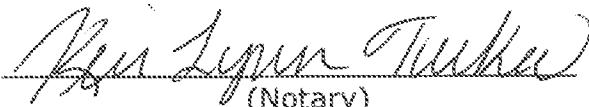

Phillip Wayne Livanec

STATE OF Texas)
COUNTY OF Harris)

Before me personally appeared said Phillip Wayne Livanec and acknowledged the foregoing instrument to be a free act and deed this 26 day of October, 2012.

Seal




(Notary)

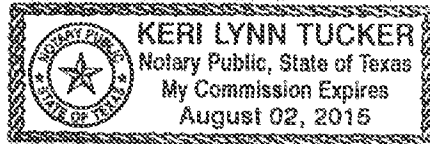
Executed this 26th day of October, 2012

Sherif Eldin
Sherif Eldin

STATE OF Texas)
COUNTY OF Harris)

Before me personally appeared said Sherif Eldin and acknowledged the foregoing instrument to be a free act and deed this 26 day of October, 2012.

Seal



Keri Lynn Tucker
(Notary)