#### 502493553 09/12/2013

# PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	

Name	Execution Date
Lewis R. Norman	04/21/2008

# RECEIVING PARTY DATA

Name:	Halliburton Energy Services, Inc.
Street Address:	10200 Bellaire Boulevard
City:	Houston
State/Country:	TEXAS
Postal Code:	77072

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13925179

### **CORRESPONDENCE DATA**

9727312289 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (972)731-2288

Email: dallaspatents@dfw.conleyrose.com

**Correspondent Name:** Rodney B. Carroll

Address Line 1: 5601 Granite Parkway, Suite 500

Address Line 4: Plano, TEXAS 75024

ATTORNEY DOCKET NUMBER:	1789-15303
NAME OF SUBMITTER:	Rodney B. Carroll
Signature:	/Rodney B. Carroll/
Date:	09/12/2013

**Total Attachments: 2** 

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> **PATENT REEL: 031195 FRAME: 0501**

Executed assignment of parent application 11/993,120 filed 12/19/07 for use in Divisional Application 13/925,179 filed 06/24/13.

Atty. Docket No. 25028 US (1789-15302)

#### ASSIGNMENT

Whereas, I, Lewis R. Norman of Stephens County, Duncan, Oklahoma, have invented "Nano-Encapsulated Triggered-Release Viscosity Breakers" for which I have made application for Letters Patent of the United States, along with Rohit K. Rana, Vinit S. Murthy and Michael S. Wong; and

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

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, my 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 serial number 11/993,120 filed on 12/19/2007, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, 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 I 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 I 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.

PATENT REEL: 031195 FRAME: 0502

Executed this 7/2t day	of April, 2008, at Duncan, Stephens County, Oklahoma, U.S.A.
	Levis Morman Signature
STATE OF OKLAHOMA	),
COUNTY OF STEPHENS	) ss )
Before me personally appear instrument to be his free act a	
y North Company	
Seal:	Lang month
3-12-0010	#0302595

**RECORDED: 09/12/2013** 

PATENT REEL: 031195 FRAME: 0503