PATENT ASSIGNMENT

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SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY DATA						
N			lame	Execution Date		
Research Triangle Institute				11/13/2009		
Name:	Halliburton Energy Services, Inc.					
Street Address:	10200 Bellaire Blvd.					
City:	Houston					
State/Country:	TEXAS					
Postal Code:	77072					
PROPERTY NUMBERS Total: 1						
Property Type			Number			
Application Number: 1		12547	2547281			
Application Number: 12547281 CORRESPONDENCE DATA						
Fax Number: (877)769-7945					0	
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.						
Phone: (214) 747-5070					\$40.00	
Email: bacon@fr.com					CH	
Correspondent Name: Michael E. Cox					Θ	
Address Line 1:FISH & RICHARDSON P.C.Address Line 2:P.O.BOX 1022						
Address Line 2:						
ATTORNEY DOCKET NUMBER:			18088-0003001			
NAME OF SUBMITTER:			Dee Bacon			
Total Attachments: 2 source=2009-IP-020603U1Assignment3#page1.tif source=2009-IP-020603U1Assignment3#page2.tif						

ASSIGNMENT

WHEREAS, RESEARCH TRIANGLE INSTITUTE (hereafter "Assignor"), a nonprofit organization, having a place of business at 3040 East Cornwallis Road, Research Triangle Park, Durham, North Carolina 27709-2194, submits that it is the owner of an application for Letters Patent titled "METHODS OF SONICALLY ACTIVATING CEMENT COMPOSITIONS:" and

WHEREAS, HALLIBURTON ENERGY SERVICES, INC. (hereafter "Assignce"), a Delaware Corporation, having a place of business at 10200 Bellaire Blvd., Houston, Texas 77072, is desirous of acquiring all right, title and interest in and to the patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor, by these presents, does sell, assign and 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 serial number 12/547,281 filed on August 25, 2009 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 Assignee, 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 Assignor and had this assignment and sale not been made. Assignor represents and warrants that it owns the rights to the identified invention.

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 further agrees 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 it, and to testify as to such facts in any interference or other litigation.

PATENT REEL: 023709 FRAME: 0296

Executed this $/3^{\mu}$ day of NOV 2009, at $4\rho N$
RESEARCH TRIANGLE INSTITUTE
By: Manna Atap
Name: G. Edward Story Senior Vice President
General Counsel Title: And Corporate Secretary
STATE OF NC SS. COUNTY OF Juch An
COUNTY OF Juchan
Before me personally appeared G. Edward Story and acknowledged the foregoing
instrument to be his/her free act and deed this 13^{M} day of NoV . 2009.
Scal (Notary) Scal (Notary) Scal (Notary) Equip Count (Notary) Equip Count (Notary)