

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Krishna M. Ravi</td><td>07/21/2008</td></tr><tr><td>Donald L. Whitfill</td><td>07/15/2008</td></tr><tr><td>B. Raghava Reddy</td><td>07/08/2008</td></tr><tr><td>Mike Szymanski</td><td>10/22/2008</td></tr></tbody></table>		Name	Execution Date	Krishna M. Ravi	07/21/2008	Donald L. Whitfill	07/15/2008	B. Raghava Reddy	07/08/2008	Mike Szymanski	10/22/2008
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B. Raghava Reddy	07/08/2008										
Mike Szymanski	10/22/2008										
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											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12165760</td></tr></tbody></table>		Property Type	Number	Application Number:	12165760						
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Application Number:	12165760										
CORRESPONDENCE DATA											
Fax Number:	(580)251-3917										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	580.251.3012										
Email:	debbie.allen@bakerbotts.com										
Correspondent Name:	Craig Roddy										
Address Line 1:	Halliburton Energy Services, Inc.										
Address Line 2:	2600 S. 2nd Street										
Address Line 4:	Duncan, OKLAHOMA 73536-0440										
ATTORNEY DOCKET NUMBER:	063718.1535										
NAME OF SUBMITTER:	Debbie Allen										
Total Attachments: 4											

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PATENT
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ASSIGNMENT

Whereas, I/We, Krishna M. Ravi and Donald L. Whitfill both of Kingwood, Texas, and B. Raghava Reddy and Mike Szymanski both of Duncan, Oklahoma, have invented VARIABLE DENSITY FLUIDS AND METHODS OF USE IN SUBTERRANEAN FORMATIONS for which I have made application for Letters Patent of the United States; 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/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 serial number 12/165,760 filed on July 1, 2008, 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.

Executed this 21st day of July, 2008, at Harris County, TX.

Krishna M. Ravi
Krishna M. Ravi

STATE OF)
COUNTY OF) ss
)

Before me personally appeared said Krishna M. Ravi and acknowledged the foregoing instrument to be his free act and deed this 21st day of July, 2008.

Seal

Linda Hail Longberg
(Notary)

Executed this 15th day of July, 2008, at Harris County, Texas.

Donald L. Whitfill
Donald L. Whitfill

STATE OF)
COUNTY OF) ss
)

Before me personally appeared said Donald L. Whitfill and acknowledged the foregoing instrument to be his free act and deed this 15th day of July, 2008.

Seal

Linda Hail Longberg
(Notary)

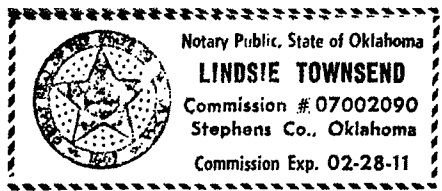
Executed this 8th day of July, 2008, at Duncan, OK.

B. Raghava Reddy
B. Raghava Reddy

STATE OF OKLAHOMA)
) ss
COUNTY OF STEPHENS)

Before me personally appeared said B. Raghava Reddy and acknowledged the foregoing instrument to be his free act and deed this 8th day of July, 2008.

Seal



[Signature]
(Notary)

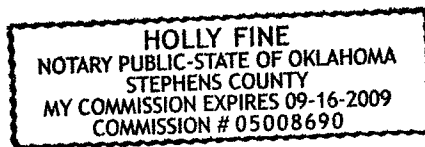
Executed this 22nd day of Oct, 2008, at Truncan

Mike Szymanski

STATE OF)
) ss
COUNTY OF)

Before me personally appeared said Mike Szymanski and acknowledged the foregoing instrument to be his free act and deed this 22nd day of Oct, 2008.

Seal



Haley Dine
(Notary)