

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Roger L. SCHULTZ	10/05/2011
Robert PIPKIN	08/23/2011
Tim HUNTER	08/23/2011
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:	13215572
CORRESPONDENCE DATA	
Fax Number:	(580)251-3917
Phone:	580-251-3782
Email:	JOHN.WUSTENBERG@HALLIBURTON.COM
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	JOHN W. WUSTENBERG
Address Line 1:	P.O. BOX 1431
Address Line 4:	DUNCAN, OKLAHOMA 73536
ATTORNEY DOCKET NUMBER:	2011-IP-041525 U1 US
NAME OF SUBMITTER:	Sally Ann Smith
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif	

OP \$40.00 13215572

ASSIGNMENT

Whereas, I/We, Roger L. Schultz of Ninnekah, Oklahoma, Robert Pipkin of Marlow, Oklahoma, and Tim Hunter of Duncan, Oklahoma have invented "VARIABLE FREQUENCY FLUID OSCILLATORS FOR USE WITH A SUBTERRANEAN WELL" 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 13/215,572 filed on August 23, 2011 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 5th day of OCTOBER, 2011

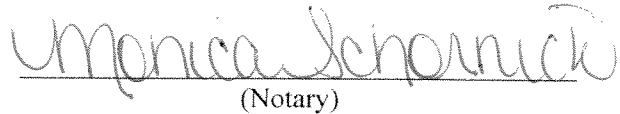
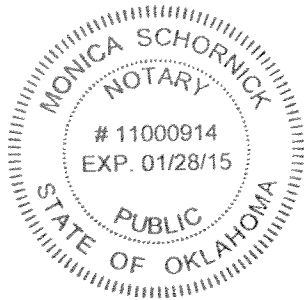


Roger L. Schultz

STATE OF Oklahoma)
COUNTY OF Cleveland)^{SS}


Before me personally appeared said Roger L. Schultz and acknowledged the foregoing instrument to be his free act and deed this 5th day of October, 2011.

Seal



(Notary)

Executed this 23 day of August, 2011

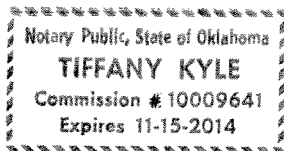



Robert Pipkin

STATE OF OKLAHOMA)
) ss
COUNTY OF STEPHENS)

Before me personally appeared said Robert Pipkin and acknowledged the foregoing instrument to be his free act and deed this 23rd day of August, 2011.

Seal





(Notary)

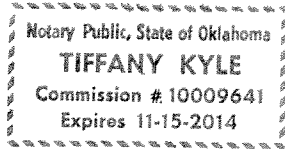
Executed this 23 day of August, 2011

[Handwritten Signature]
Tim Hunter

STATE OF OKLAHOMA)
) ss
COUNTY OF STEPHENS)

Before me personally appeared said Tim Hunter and acknowledged the foregoing instrument to be his free act and deed this 23rd day of August, 2011.

Seal



[Handwritten Signature]
(Notary)