

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jim B. Surjaatmadja	09/18/2012
RECEIVING PARTY DATA	
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:	13622086
CORRESPONDENCE DATA	
Fax Number:	8777697945
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	214-747-5070
Email:	apsi@fr.com
Correspondent Name:	Fish & Richardson
Address Line 1:	P.O. Box 1022
Address Line 4:	Minneapolis, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	17908-0026001
NAME OF SUBMITTER:	Karen Vertz
Total Attachments: 2 source=17908-0026001_Assignment#page1.tif source=17908-0026001_Assignment#page2.tif	

CH \$40.00 13622086

ASSIGNMENT

For valuable consideration, I, Jim B. Suriaatmadja, of 1105 Timbercreek Drive, Duncan, OK 73533; hereby assign to HALLIBURTON ENERGY SERVICES, INC., a corporation of Delaware, having a place of business at 10200 Bellaire Blvd., Houston, TX 77072, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled TRANSVERSE WELL PERFORATING, filed September 18, 2012, and assigned U.S. Serial Number 13/622,086, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign applications, patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE:

9/18/12

  
JIM B. SURJAATMADJA

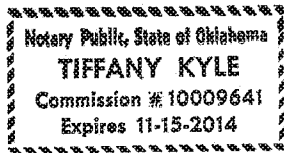
STATE OF OKLAHOMA )

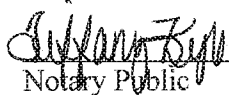
) SS.

COUNTY OF STEPHENS )

On 9/18/12, before me, the undersigned, a notary public for the State of Texas, there personally appeared JIM B. SURJAATMADJA personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.



  
Notary Public

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