

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Avi Lin	04/15/2013
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:	13861986
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	Joni McGuire
Signature:	/Joni McGuire/
Date:	04/16/2013
Total Attachments: 2 source=179080033001_Assignment#page1.tif source=179080033001_Assignment#page2.tif	

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ASSIGNMENT

For valuable consideration, I, Avi Lin, of 7610 Hopewell Ln, Houston, TX 77071; hereby assign to HALLIBURTON ENERGY SERVICES, INC., a corporation of Delaware, having a place of business at 10200 Bellaire Blvd., Houston, Texas 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 IDENTIFYING ORIENTATION CLUSTERS FROM MICROSEISMIC DATA, filed April 12, 2013, and assigned U.S. Serial Number 13/861,986, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations for any of said inventions or improvements, and the right to claim priority based on the filing date of said application 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.

