

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dagang WU	07/21/2011
Luis E. SAN MARTIN	07/21/2011
RECEIVING PARTY DATA	
Name:	Halliburton Energy Services, Inc.
Street Address:	10200 Bellaire Boulevard
Internal Address:	Intellectual Property Department
City:	Houston
State/Country:	TEXAS
Postal Code:	77072
PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	US1145350
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Address Line 4:	CYPRESS, TEXAS 77410-1906
ATTORNEY DOCKET NUMBER:	1391-830.00
NAME OF SUBMITTER:	Daniel J. Krueger
Total Attachments: 3 source=HAL83000-ASG-E#page1.tif source=HAL83000-ASG-E#page2.tif source=HAL83000-ASG-E#page3.tif	

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PATENT
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ASSIGNMENT

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned inventor(s), for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **DAGANG WU**, and **LUIS E. SAN MARTIN** having made an invention in **“CROSS-COUPLING BASED DETERMINATION OF ANISOTROPIC FORMATION PROPERTIES”**, while in the employ of **HALLIBURTON ENERGY SERVICES, INC.**, a corporation organized and existing under the laws of the State of Delaware, doing business at 10200 Bellaire Boulevard, Houston, Texas 77072, (sometimes hereinafter called **“ASSIGNEE”**), do hereby ASSIGN, SELL and CONVEY to said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **“CROSS-COUPLING BASED DETERMINATION OF ANISOTROPIC FORMATION PROPERTIES”**;

2. The International PCT Patent Application on said invention, filed concurrently herewith or as PCT Patent Application No. PCT/US11/45350 filed July 26, 2011, (Attorney's File No. 1391-830.00; attorney is authorized to fill in the application number and filing date after the USPTO assigns them), entitled **“CROSS-COUPLING BASED DETERMINATION OF ANISOTROPIC FORMATION PROPERTIES”**;

3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, whether in the United States of America or any other place anywhere in the world;

4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;

5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statutes;

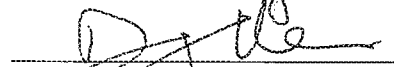
6. All rights of action on account of past, present and future unauthorized use of said invention for infringement of said patents and like protection;

7. The right to ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and

8. All international rights of priority associated with said invention, applications, patents and like protection; and

I (or We) covenant that I (or We), my (our) heirs, legal representatives, assigns, administrators, and executors will at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

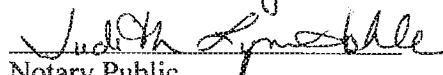
EXECUTED at Harris County, Texas on the 21st day of July, 2011.

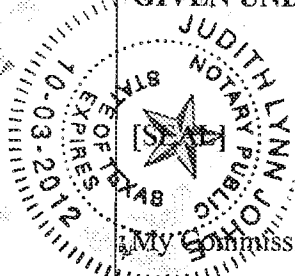

DAGANG WU

STATE OF Texas §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared DAGANG WU, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER my hand and seal of office, this the 21st day of July, 2011.


Notary Public


My Commission Expires: 10/03/12

EXECUTED at Harris County, Texas, on the 21st day of July, 2011.

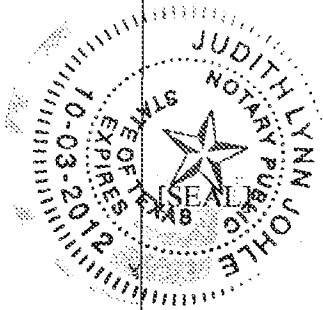
Luis San Martin A.
LUIS E. SAN MARTIN

STATE OF Texas §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared LUIS E. SAN MARTIN, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER my hand and seal of office, this the 21st day of July, 2011.

Judith Lyn Johe
Notary Public



My Commission Expires: 10/03/12