Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
Ali Mese	02/04/2006
Syed Hamid	02/01/2006
Dingding Chen	02/01/2006
Harry D Smith Jr	02/06/2006
John Howard	02/06/2006
Neal Skinner	01/31/2006

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:	11288826

CORRESPONDENCE DATA

Fax Number: (972)418-3877

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 972-418-3892

Email: sandy.warren@halliburton.com

Correspondent Name: Halliburton Energy Services, Inc.

Address Line 1: 2601 Beltline Road

Address Line 2: 1-B-121

Address Line 4: Carrollton, TEXAS 75006

ATTORNEY DOCKET NUMBER: 2002-IP-008059 U1 USA

PATENT REEL: 017221 FRAME: 0803

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NAME OF SUBMITTER:	Sandy Warren
Total Attachments: 7	
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PATENT REEL: 017221 FRAME: 0804

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by HALLIBURTON ENERGY SERVICES, INC., and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Ali Mese, Syed Hamid, Dingding Chen, John Howard, Harry D. Smith, Jr. and Neal Skinner, having made an invention in a "Method of Reservoir Characterization and Delineation Based on Observations of Displacements at the Earth's Surface" 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 a "Method of Reservoir Characterization and Delineation Based on Observations of Displacements at the Earth's Surface";
- 2. United States of America patent application on said invention, Attorney File No. 2002-IP-008059 U1 USA, U.S. Serial No. 11/288,826, filed November 29, 2005 executed by us, entitled "Method of Reservoir Characterization and Delineation Based on Observations of Displacements at the Earth's Surface";

- 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-inpart, 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;

PATENT REEL: 017221 FRAME: 0805

- 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 we covenant that we, 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.

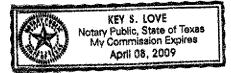
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of_	rebruary.	2006.			
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			$\sqrt{2}$	1/	
		Ali Mes	se 🕢	/	

STATE OF <u>JEXAS</u> S COUNTY OF <u>HARRI</u>

BEFORE ME, the undersigned authority, on this day personally appeared Ali Mese 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

day of Esbouans, 2006.



Votary Public

[SEAL]

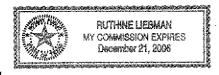
My Commission Expires:

04/08/2009

of	County, Texas, on the1 st day, 2006.
	Syed Hamid
STATE OF TEXAS COUNTY OF DALLAS	- \$ - \$ - \$

BEFORE ME, the undersigned authority, on this day personally appeared **Syed Hamid** 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 /st day of Jehney, 2006.



Ruthine Liebman Notary Public

[SEAL]

My Commission Expires: 12-21-06

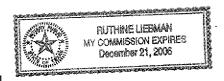
	<u>EX</u> ECUȚED	at Dallas	County,	Texas,	on the	1st	day
of	Feb.	, 20	06.				

Dong Sing New Dingding Chen

STATE OF TEXAS §
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, on this day personally appeared **Dingding Chen** 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 1st day of Johnson, 2006.



Authin Frebman Notary Public

[SEAL]

My Commission Expires: 12-21-06

4

executed at Mongoner County, Texas, on the day of February , 2006. Harry D. Smith, Jr.
STATE OF THUS S S COUNTY OF MOHGORES S
BEFORE ME, the undersigned authority, on this day personally appeared Harry D. Smith, Jr. 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 day of LOLLUS, 2006. TAMARA E. TATE NOTARY PUBLIC STATE OF TEXAS STAT
My Commission Expires: 1/24/01

5

EXECUTED at HARRIS FEBRUARY, 2006.	County, Texas, on the 6th day of
	John Howard
STATE OF Texas § COUNTY OF Harris §	
John Howard known to me to be the foregoing instrument, and acknowledge purposes and consideration therein experiences.	
GIVEN UNDER MY HAND AN day of <u>February</u> , 2006.	D SEAL OF OFFICE, this the
DEANN BILES NOTARY PUBLIC, STATE OF TEXAS & MY COMMISSION EXPIRES FEB. 28, 2008 [SEAL]	<u>Nearr Bilis</u> Notary Public

6

My Commission Expires: 02-28-2008

	EXECUTED at	Dalla	County,	Texas, on	the <u>3</u>	151	- day
of	Dang	, , , , , , , , , , , , , , , , , , ,	2006.				

Neal Skinner

STATE OF TEXAS	§
	S
COUNTY OF DALLAS	Ş

BEFORE ME, the undersigned authority, on this day personally appeared **Neal Skinner** 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 3/ 4 day of farman, 2006.



Ruthine Februar Notary Public

[SEAL]

RECORDED: 02/27/2006

My Commission Expires: 12-21-2006

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