PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONI POLILI LIE	06/12/2014
ALBERTO QUINTERO	06/20/2014
ABDUL QADIR SHABBIR	06/12/2014
DANIEL VIASSOLO	06/19/2014
BURKAY DONDERICI	06/20/2014
LUIS E. SAN MARTIN	06/17/2014

RECEIVING PARTY DATA

Name:	HALLIBURTON ENERGY SERVICES, INC.
Street Address:	3000 N. SAM HOUSTON PARKWAY E.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77032-3219

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14904917

CORRESPONDENCE DATA

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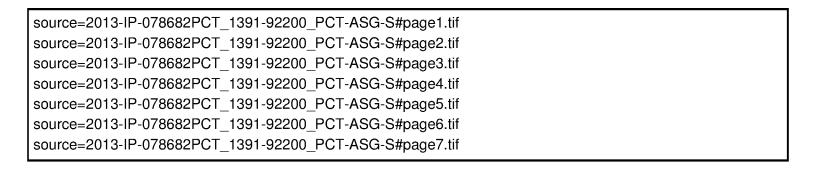
Address Line 4: CYPRESS, TEXAS 77410-1906

ATTORNEY DOCKET NUMBER:	1391-922.02
NAME OF SUBMITTER:	VY NGUYEN
SIGNATURE:	/Vy Nguyen/
DATE SIGNED:	01/13/2016

Total Attachments: 7

PATENT REEL: 037481 FRAME: 0969

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PATENT REEL: 037481 FRAME: 0970

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, JONI POLILI LIE, ALBERTO QUINTERO, ABDUL QADIR SHABBIR, DANIEL VIASSOLO, BURKAY DONDERICI and LUIS E. SAN MARTIN, having made an invention in "RESISTIVITY LOGGING TOOL WITH EXCITATION CURRENT CONTROL BASED ON MULTI-CYCLE COMPARISON", while in the employment of HALLIBURTON ENERGY SERVICES, INC., a corporation organized and existing under the laws of the State of Delaware, doing business at 3000 N. Sam Houston Parkway E., Houston, TX 77032-3219, USA, (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 "RESISTIVITY LOGGING TOOL WITH EXCITATION CURRENT CONTROL BASED ON MULTI-CYCLE COMPARISON";
- 2. The International PCT Patent Application on said invention, filed concurrently herewith or as PCT Patent Application No. <u>PCT/US2014/041780</u> filed <u>June 10, 2014</u>, (Attorney's File No. 1391-922.00; attorney is authorized to fill in the application number and filing date after the USPTO assigns them), entitled "RESISTIVITY LOGGING TOOL WITH EXCITATION CURRENT CONTROL BASED ON MULTI-CYCLE COMPARISON":
- 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

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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 SINGAPORE	, on the <u>(2</u> day of <u>JUNE</u> , 2014.
	JONI POLILI LIE
personally appeared JONI POLILI LIE,	s, on this 12 day of JUNE, 2014, known to me to be the person whose name is and acknowledged to me that he executed the therein expressed.
Witness's Signatu	1
Witness's Printed Nan Witness's Addre	T 1 2 1 1 1 1 2
	Singapore 639946

EXECUTED at SINGAPORE , on the 20 day of June , 2014. REPUBLIC OF SINGAPORE CITY OF SINGAPORE S.S. ALBERTO QUINTERO		
UNITED STATES OF AMERICA) S.S. ALBERTO QUINTERO		
<u>STATE OF</u> §		
Craig P. Bryant Consul of the United States of America BEFORE ME, the undersigned authority, on this day personally appeared ALBERTO QUINTERO, 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 100 2014, 2014.		
[SEAL] Cy Promot		
My Commission Expires: Indefinite Craig P. Bryant Consul of the United States of America		

;
EXECUTED at SINGAPORE, on the 12th day of JUNE, 2014.
Abdul Quedin
ABDUL QADIR SHABBIR
BEFORE ME, the undersigned witness, on this 12 day of 30NE, 2014 personally appeared ABDUL QADIR SHABBIR, 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.
Witness's Signature: Witness's Printed Name: TIN GWSHGNG
Witness's Address: 315 Jalan Ahmad Ibralian
Singapore 6399 40.

EXECUTED at Harris County, Tex	(M) [655] Tune , 2014.
	DANIEL VIASSOLO
STATE OF TX § COUNTY OF HAVIS §	
VIASSOLO, known to me to be the person instrument, and acknowledged to me that consideration therein expressed.	on this day personally appeared DANIEL whose name is subscribed to the foregoing he executed the same for the purposes and
GIVEN UNDER my hand and seal of office	e, this the 19th day of <u>June</u> , 2014.
[SEAL] ALEX WEBSTER Notery Public, State of Texas My Commission Expires January 04, 2016	Jaf Helester
My Commission Expires: 44 20	Notary Public

EXECUTED at HarrisCounty, T	L, on the 20 day of June, 2014.
<i></i>	BURKAY DONDERICI
STATE OF \$	
COUNTY OF HAMMIS &	
0001111 01 1111111111111111111111111111	
BEFORE ME, the undersigned authority	y, on this day personally appeared BURKAY
•	son whose name is subscribed to the foregoing the executed the same for the purposes and
consideration therein expressed.	t he executed the same for the purposes and
GIVEN UNDER my hand and seal of offi	ce, this the 20 day of June, 2014.
[SEAL] ALEX WEBSTER	
Notary Public, State of Texas My Commission Expires	I Saf Welster
January 04, 2016	Notary Public
My Commission Expires: 1/4/20	<u> </u>

EXECUTED at Harris County, Ta/2	s, on the 17th day of June, 2014.	
	LUIS E. SAN MARTIN	
STATE OF TOLES \$		
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 International day of Jule , 2014.	
ALEX WEBSTER Notary Public, State of Texas My Commission Expires January 04, 2016	tal Meleter	
My Commission Expires: 4 2014	Notary Public (**Carpoonup	