PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2578321

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PART	Y DATA				
		Name	Execution Date		
BARIS GUNER			04/12/2011		
BURKAY DONDERICI			04/12/2011		
MICHAEL S. BITTAR			04/12/2011		
LUIS E. SAN MAR	TIN		04/14/2011		
	/ DATA				
Neme					
Name: Street Address:					
		10200 BELLAIRE BOULEVARD			
City:	TEXAS	HOUSTON			
State/Country: Postal Code:	77072				
Property Type		Number			
Application Numbe	r:	14111963			
CORRESPONDEN	CE DATA				
Fax Number:	(888)	3)712-9587			
Phone:		825-5235			
Email: VY@KIPATENTS.COM Correspondence will be sent via US Mail when the email attempt is unsuccessful.					
Correspondence wi		Mail when the email attempt is unsucces	<i>SIUI.</i>		
Address Line 1: P O BOX 1906					
Address Line 4:	CYF	PRESS, TEXAS 77410-1906			
ATTORNEY DOCKET NUMBER:		1391-826.01			
NAME OF SUBMITTER:		VY NGUYEN			
Signature:					
Signature:		/Vy Nguyen/			

Date:	10/15/2013
Total Attachments: 5 source=2010-IP-035701US_HAL-82601_A3 source=2010-IP-035701US_HAL-82601_A3 source=2010-IP-035701US_HAL-82601_A3 source=2010-IP-035701US_HAL-82601_A3	SG-S#page2.tif SG-S#page3.tif SG-S#page4.tif

PATENT 2010-IP-035701 PCT 1391-826.00

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, BARIS GUNER, BURKAY DONDERICI, MICHAEL S. BITTAR, and LUIS E. SAN MARTIN, having made an invention in "MULTICOMPONENT BOREHOLE RADAR SYSTEMS AND METHODS" 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 "MULTICOMPONENT BOREHOLE RADAR SYSTEMS AND METHODS";

2. The International PCT Patent Application on said invention, filed concurrently herewith or as PCT Patent Application No. <u>PCT/US11/32865</u> filed <u>April 18, 2011</u>, (Attorney's File No. 1391-826.00 attorney is authorized to fill in the application number and filing date after the USPTO assigns them), entitled "MULTICOMPONENT BOREHOLE RADAR SYSTEMS AND METHODS";

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

Page 1 of 5

PATENT REEL: 031408 FRAME: 0544 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, TX on the 12th day of April . 2011. STATE OF TO 89 82 COUNTY OF HARRIS BEFORE ME, the undersigned authority, on this day personally appeared BARIS GUNER, 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 12^{46} day of April ,2011. INDA GAIL TONGBERG NOTARY PLELK of Texas [SEA Em. 04-18-2014 My Commission Expires: 4-18-2014

Page 2 of 5

EXECUTED at Ham's County, TX, on the Othday of April 2011. **BURKAY DONDERIC** STATE OF ş COUNTY OF Ş BEFORE ME, the undersigned authority, on this day personally appeared BURKAY DONDERICI, 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 Dth day of April , 2011. INDA GAIL TONGBERIG NOTARY PUBLIC of Texas [SEAL] omm. Bop. 04-18-2014 My Commission Expires: 4-18-2014

EXECUTED at <u>Harris</u> County, TX, on the 12 th day of April 2011. <u>A-lay</u> <u>Harris</u> Michael S. BITTAR	
STATE OF TWAS COUNTY OF Harris §	
BEFORE ME , the undersigned authority, on this day personally appeared MICHAEL S. BITTAR, 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 12^{40} ay of $April 2011$.	
[SEAL] LINDA GAIL TONGBERG NOTARY PLELIC SEAL] Comm. Em. 04-18-2014	bey
My Commission Expires: <u>4-18-2014</u>	

EXECUTED at Harris County, TX3 on the 14 Day of April . 2011. UIS E. SAN MARTIN STATE OF lexas 8 8 COUNTY OF 14/2 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 14th day of April , 2011. Inda INDA GAIL TONGBERG NOTARY PLELIC ഷീ [SEAL Comm. Exp. 04-18-2014 My Commission Expires: 4-18-2014