502805113 05/12/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2851708

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DA	АТА		
		Name	Execution Date
GARY W. MATULA			04/08/2005
TOBY N. MCCLAIN			04/08/2005
RECEIVING PARTY DA	ТА		
Name:	HALLIBURTON ENERGY SERVICES, INC.		
Street Address:	10200 BELLAIRE BOULEVARD		
City:	HOUSTON		
State/Country:	TEXAS		
De etel Oe de :	77072		
Postal Code:	//0/2		
Postal Code: PROPERTY NUMBERS			
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PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be US Mail. Phone: Email: Correspondent Name:	Total: 1	Number 13430229 (713)229-2880 o the e-mail address first; if that is uns 7132291234 susan.stewart@bakerbotts.com BAKER BOTTS LLP	successful, it will be sent via

ATTORNEY DOCKET NUMBER:	063718.2825
NAME OF SUBMITTER:	SUSAN STEWART
SIGNATURE:	/Susan Stewart/
DATE SIGNED:	05/12/2014
Total Attachments: 2 source=2825Assign2#page1.tif source=2825Assign2#page2.tif	

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2004-IP-015601 (HALB:055)

ASSIGNMENT

Whereas, I/We, <u>GARY W. MATULA and TOBY N. McCLAIN</u>, of Harris County, Houston, Texas, United States of America, have invented <u>COMPOSITION AND METHOD</u> <u>FOR DISSIPATING HEAT UNDERGROUND</u> for which I/We are making or have made application for Letters Patent of the United States; and

Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072-5206, is desirous of acquiring an interest therein:

NOW, THEREFORE, in consideration of the sum of ten dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application filed in the United States on April 5, 2005, and any divisional, continuing or reissue applications based on the present application preparatory to obtaining Letters Patent of the United States therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

And I/We do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And I/We do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

٦.		
	Executed this 8 day of april	, 2005, at Houston, Hairis County, Texas,
	U.S.A.	
		(Soud) Hatelo
	· ·	Signature
		GARY W. MATULA
	State of Texas)	
) 86	
	County of Harris)	
	Before me personally appeared said GARY V	<u>V. MATULA</u> and acknowledged the foregoing
	instrument to be his free act and deed this <u>Xth</u>	_ day of, 2005.
	DEANN BILES	1 1
	Sedi Sedi Sedi Sedi Sedi Sedi Sedi Sedi	Searcheles
	FEB. 28, 2008	(Notary Public)
	80000000000000000000000000000000000000	
	Executed this <u>F</u> day of <u>April</u> U.S.A.	, 2005, at Houston, Harris County, Texas,
		STAN Miller
		Signature TOBY N. McCLAIN
	State of Texas)	Signature TOBY N. McCLAIN
	State of Texas)) 55	Signature TOBY N. McCLAIN
) \$\$ County of Harris)	TOBY N. McCLAIN
) ss County of Harris) Before me personally appeared said <u>TOBY 1</u>	TOBY N. McCLAIN
) \$\$ County of Harris)	TOBY N. McCLAIN
) ss County of Harris) Before me personally appeared said <u>TOBY</u> instrument to be his free act and deed this <u>}</u>	TOBY N. McCLAIN N. McCLAIN and acknowledged the foregoing
) 55 County of Harris) Before me personally appeared said <u>TOBY 1</u> instrument to be his free act and deed this <u>2</u> th State of TEXAS NOTARY PUBLIC, STATE OF TEXAS MY COMMISSION EXPIRES FEB. 28, 2008	TOBY N. McCLAIN N. McCLAIN and acknowledged the foregoing
) 55 County of Harris) Before me personally appeared said <u>TOBY 1</u> instrument to be his free act and deed this <u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>	TOBY N. McCLAIN <u>N. McCLAIN</u> and acknowledged the foregoing <u>day of april</u> , 2005. <u>Alan Biles</u>

PATENT REEL: 032871 FRAME: 0805

RECORDED: 05/12/2014