504618177 10/30/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4664892

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
BIPIN KUMAR PILLAI	01/16/2015	

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:	15536110

CORRESPONDENCE DATA

Fax Number: (949)851-9348

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: MCDERMOTT WILL & EMERY LLP

Address Line 1: 4 PARK PLAZA
Address Line 2: SUITE 1700

Address Line 4: IRVINE, CALIFORNIA 92614-2559

ATTORNEY DOCKET NUMBER:	098273-1719
NAME OF SUBMITTER:	MARK J. ITRI, REG. NO. 36,171
SIGNATURE:	/Mark J. Itri/
DATE SIGNED:	10/30/2017

Total Attachments: 2

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PATENT 504618177 REEL: 043984 FRAME: 0430

DECLARATION AND ASSIGNMENT

	This	declarati	on is di	rected to:								
	\boxtimes	The att	ached	application	to be	filed	l as a	United	States	applic	cation	OI
		PCT int	ernatio	nal applicati	on, o	r						
		United	States	application	ıor	PCT	inter	nationa	l applic	ation	numb	e
		filed on				; and,						
entitle	ed "W	AVE REF	LECTIO	N SUPPRES	SION	IN	PULSE	MODU	LATION	I TELE	METRY	<i>*.</i>
) onar	dina t	hat annli	cation	I declare th	e foll	owinc	3 °					

- The above-identified application was made, or authorized to be made, by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Moreover, Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 3000 N. Sam Houston Parkway E., Houston, TX 77032-3219 (hereinafter "Assignee") is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We, by these presents do sell, assign and transfer and convey unto Assignee, 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 identified above, and any national phase, divisional, continuing, continuation-in-part, or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefore; said invention, application and any and all Letters Patent issuing there from to be held and enjoyed by Assignee, for its own use and benefit, 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.

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And I 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 do further agree to communicate to Assignee, 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.

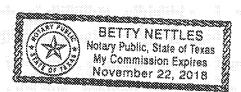
day of

BIPIN KUMAR PILLAI

STATE OF COUNTY OF FORT BEND)

Before me personally appeared said BIPIN KUMAR PILLAI and acknowledged the foregoing instrument to be a free act and deed this 16 Tanuary

Seal



2 of 2

RECORDED: 10/30/2017