504065754 10/25/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4112420

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date	
DAVID A BARFOOT	10/01/2013	
JOHN L MAIDA	10/01/2013	

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:	14911604	

CORRESPONDENCE DATA

Fax Number: (888)269-4577

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.

Phone: 5124312954

Email: MAErvinAssoc@austin.rr.com

Correspondent Name: MICHAEL A. ERVIN
Address Line 1: 8202 TALBOT COVE
Address Line 4: AUSTIN, TEXAS 78746

ATTORNEY DOCKET NUMBER:	UMBER: HESME-038C	
NAME OF SUBMITTER:	MICHAEL A ERVIN	
SIGNATURE:	/Michael A. Ervin/	
DATE SIGNED:	10/25/2016	

Total Attachments: 3

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PATENT 504065754 REEL: 040120 FRAME: 0548

ASSIGNMENT

Whereas, I/We, David A. Barfoot, of Houston, Texas, and John L. Maida of Houston, Texas, have invented 'Optical Power Limiting Method Using Stimulated Brillouin Scattering in Fiber Optic Waveguides' for which I/We have made a PCT application for in the United States Receiving Office; and

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

NOW, THEREFORE, for 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 first executed on October 7, 2013, submitted concurrently herewith, and any divisional, continuing or reissue application 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 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 HALLIBURTON ENERGY SERVICES, INC., its successors, assigns or other legal representatives, such facts relating: to the invention disclosed m 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.

PATENT REEL: 040120 FRAME: 0549

Executed this/	day of <u>Cethber</u> , 2013
•	David A. Barfoot
STATE OF Jekas COUNTY OF Have	
	N N D D D C G G C C C C C C C C C C C C C C
Before me personally appeare foregoing instrument to be his	d said David A. Barfoot and acknowledged the free act and deed this day of
<u>lether</u> , 2013	
	DEBRA P. GREENLAW Notary Public, State of Texas My Commission Expires November 19, 2016

Executed this _	<u> </u>	day of _	October	, 2013	
			John	L. Maida	
STATE OF	Lau.				
Before me perso				1.44	dged the
<u>Lotobe</u>	<u>~~</u> , 2013.			DEBRA P. GR Notary Public, Sh My Commissio November 1	ate of Texas

PATENT REEL: 040120 FRAME: 0551

RECORDED: 10/25/2016