504278319 03/17/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MEHDI EFTEKHARI FAR	08/31/2016
NATASA MEKIC	08/31/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15512416

CORRESPONDENCE DATA

Fax Number: (214)932-6499

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: 214-932-6400

Email: sshernandez@mcguirewoods.com

Correspondent Name: ROBERT C. HILTON

Address Line 1: 1750 TYSONS BLVD, SUITE 1400

Address Line 2: MCGUIREWOODS LLP

Address Line 4: TYSONS CORNER, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	2069464-0311PTUS	
NAME OF SUBMITTER:	ROBERT C. HILTON	
SIGNATURE:	/Robert C. Hilton/	
DATE SIGNED:	03/17/2017	

Total Attachments: 3

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PATENT 504278319 REEL: 041623 FRAME: 0030

ASSIGNMENT

WHEREAS, We, Medhi Eftekhari Far, having an address of 7800 N Sam Houston Pkwy E, Humble, Texas 77396, US and Natasa Mekic, having an address of 6310 Quiet Pointe Dr., Spring, Texas 77389, US, have invented certain new and useful improvements in a "FRACTURE AND STRESS CHARACTERIZATION USING LAYER THICKNESS VARIATION", shown and described in an International Patent Application filed under the Patent Cooperation Treaty on April 19, 2016, and assigned International Application No. PCT/US16/28294 (the "Application"); and,

WHEREAS, Halliburton Energy Services, Inc., a Delaware corporation, having a correspondence address at 3000 N. Sam Houston Parkway E., Houston, Texas 77032, US, ("Halliburton"), is desirous of acquiring our entire right, title and interest in and to said inventions, Application and any patents which may issue thereon;

NOW, THEREFORE, be it known by all whom it may concern that for and in consideration of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, we agree to assign and hereby assign to Halliburton for the territory of the United States of America and the entire world our entire right, title and interest in and to said inventions and Application, and in and to any and all patent applications in the United States and all countries foreign to the United States which may claim priority to said Application or which may be directed to said inventions, said patent applications including without limitation any and all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, utility models, industrial models, and designs, and in and to any and all patents in the United States and all countries foreign to the United States which may be granted therefore and thereon, and in and to any reissues, reexaminations, and extensions of said patents. We hereby transfer and convey to Halliburton any right to recover for past and future infringement of the patents assigned herein.

We HEREBY covenant and agree that we will at any time, upon the request and at the expense of Halliburton, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said inventions, applications and patents, and we authorize the Commissioner of Patents and Trademarks, or any other patent-issuing authority in the United States or any other country, to issue said patents to Halliburton.

PATENT REEL: 041623 FRAME: 0031 IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.

Mehdi Eftekhari Far

THE STATE OF: COUNTY OF:

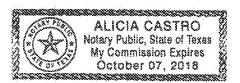
TEXXS HXRRIS

Notary Public:

State of:

My commission expires:

<u>TEKAS</u> 10-07-2018



IN TESTIMONY WHEREOF, I execute this assignment on the date set forth below my name.

JAPON Jatasa Mekic

THE STATE OF: TEXAS
COUNTY OF: HARRIS

RECORDED: 03/17/2017

Notary Public:

State of:

My commission expires:

10-07-2018

ALICIA CASTRO
Notary Public, State of Texas
My Commission Expires
October 07, 2018

PATENT REEL: 041623 FRAME: 0033