

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4965892

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NIKHIL MANMADHAN KARTHA	03/16/2016
MARK S. HOLLY	05/06/2016
RECEIVING PARTY DATA	
Name:	HALLIBURTON ENERGY SERVICES, INC.
Street Address:	3000 N. SAM HOUSTON PARKWAY E.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77032-3219
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15776026
CORRESPONDENCE DATA	
Fax Number:	(214)932-6499
<i>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.</i>	
Phone:	2149326400
Email:	sshernandez@mcguirewoods.com
Correspondent Name:	ROBERT C. HILTON
Address Line 1:	1750 TYSONS BLVD., SUITE 1800
Address Line 4:	TYSONS CORNER, VIRGINIA 22102
ATTORNEY DOCKET NUMBER:	2069464-0291PTUS
NAME OF SUBMITTER:	STEPHANIE HERNANDEZ
SIGNATURE:	/Stephanie Hernandez/
DATE SIGNED:	05/17/2018
Total Attachments: 3	
source=0291PTUS_ASGN_ex#page1.tif	
source=0291PTUS_ASGN_ex#page2.tif	
source=0291PTUS_ASGN_ex#page3.tif	

ASSIGNMENT

WHEREAS, We, Nikhil Manmadhan, having an address of Block 99, #04-97, Jalan Sendudok, Singapore 769475 and Mark S. Holly, having an address of 5942 Hollister Cole, Houston, Texas 77040, USA, have invented certain new and useful improvements in a “**DOWNHOLE RADIAL CLEANOUT TOOL**”, shown and described in an International Patent Application filed under the Patent Cooperation Treaty on February 15, 2016, and assigned International Application No. PCT/US16/17969 (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.

ASSIGNMENT
Docket No. 2069464-0291PTWO
2015-IPM-099691 UI PCT

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



Nikhil Manmadhan Kartha

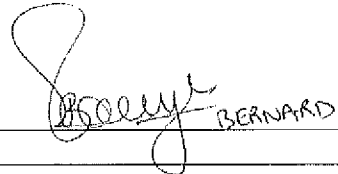
THE STATE OF: SINGAPORE §
COUNTY OF: _____ §

Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the _____ day of _____, 2016.

Witness
Notary Public:


State of: _____

My commission expires: _____



BERNARD

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



Mark S. Holly

THE STATE OF: _____ §
COUNTY OF: _____ §

Before me personally appeared the above-identified individual and acknowledged that the foregoing assignment to be his voluntary act and deed on the _____ day of _____, 2016.

Notary Public: _____
State of: _____
My commission expires: _____