PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4507482

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALSTON JUN NGAI WONG	03/16/2015
JIA MING KEW	03/16/2015
DOREN HUI PING HO	03/16/2015
GUAN YEE CHAN	03/16/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15520775

CORRESPONDENCE DATA

Fax Number: (713)374-1601

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: 7133741600

Email: sramirez@polsinelli.com

POLSINELLI PC Correspondent Name:

Address Line 1: 1000 LOUISIANA STREET Address Line 2: FIFTY-THIRD FLOOR Address Line 4: HOUSTON, TEXAS 77002

ATTORNEY DOCKET NUMBER:	00530US-564755
NAME OF SUBMITTER:	SONIA RAMIREZ
SIGNATURE:	/Sonia Ramirez/
DATE SIGNED:	07/18/2017

Total Attachments: 6

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PATENT REEL: 043218 FRAME: 0628 504460781

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PATENT REEL: 043218 FRAME: 0629

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE, (hereinafter referred to as the "ASSIGNOR(S)"):

Alston Jun Ngai WONG, 135 Sunset Way, #06-13, 597158, Singapore

Jia Ming KEW, BLK 114 Bukit Batok West Avenue 6, #04-188, 650114, Singapore

Doren Hui Ping HO, 148 Silat Ave., #10-04, 160148, Singapore

Guan Yee CHAN, BLK 89, Tanglin Halt Road, #35-356, 141089, Singapore

has/have invented a SYSTEM AND METHOD FOR MANUFACTURING DOWNHOLE TOOL COMPONENTS ("Invention") for which one or more applications for patent, design registration, utility model registration, or other form of protection, rights, or title have been or will be made in certain countries ("Applications"), as further described below:

PCT Application No. PCT/US2014/067142, filed November 24, 2014.

AND WHEREAS, HALLIBURTON ENERGY SERVICES INC., (hereinafter referred to as the "ASSIGNEE"), a company organized under the laws of Delaware, having a place of business at 3000 N. SAM HOUSTON PARKWAY E. HOUSTON, TEXAS 77032, is desirous of acquiring the full and exclusive right, title and interest in and to said Invention, said Applications inclusive of all ancillary rights relating thereto, any and all priority rights derived from said Applications, and all patents, design registrations, utility model registrations and other forms of protection, rights and titles relating to said Invention, in any country or countries and in respect of the whole or any part or parts of or improvements to the Invention;

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR(S) does/do hereby confirm that ASSIGNOR(S) has/have transferred, conveyed and assigned, and by way of further assurance does/do hereby transfer, convey and assign, any and all of ASSIGNOR(S)'s respective rights, title and interest in and to: the Invention; the Applications; any further applications for patent, design registration, utility model registration or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Invention in any country or countries ("Further Applications") together with the right to file divisional applications, substitute applications and continuation applications of any one or more of the Applications and Further Applications ("Divisionals"); the right to obtain patents, design registrations, utility model registrations and all other forms of protection, rights and titles relating to the Invention; the right in and to any patent or reissue patent relating to the Applications, Further Applications and Divisionals ("Grants"); and the right to obtain any extensions / supplementary protection certificates ("Extensions"); together with the right to bring proceedings to recover damages and/or to obtain other remedies for acts committed in respect of one or more of the aforesaid Invention, Applications, Grants, Further Applications, Divisionals and Extensions, whether such acts are committed before or after the date of this Worldwide Assignment; with the intent that the Invention, Applications, Grants, Further

Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

ASSIGNOR(S) does/do hereby agree, upon request, to provide assistance and to execute any and all further documents, at the expense of ASSIGNEE and/or its successors and assigns (as applicable), which may be necessary or desirable to enable ASSIGNEE, and/or its successors and assigns (as applicable), to file, prosecute, bring proceedings and take other actions with respect to any and all of the Invention, Applications, Further Applications, Divisionals, Grants and Extensions, and any and all patents and registrations granted thereon and other forms of protection, rights and titles relating thereto, and ASSIGNOR(S) further agrees/agree to execute, upon request and at the expense of ASSIGNEE and/or its successors and assigns (as applicable), any and all further documents which may be necessary or desirable to vest or perfect the title of ASSIGNEE therein.

ASSIGNOR(S) does/do hereby authorize ASSIGNEE or its patent agents or attorneys to insert, above, the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

ASSIGNOR(S) does/do hereby authorize and request The Commissioner of Patents or any equivalent authority to issue to ASSIGNEE each and every patent, registration and other form of protection, right, and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS WORLDWIDE ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns, and shall be binding upon ASSIGNOR(S) and their successors and permitted assigns.

DELIVERY of this Worldwide Assignment by copy, however transmitted, constitutes valid and effective delivery. This Worldwide Assignment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original, and such counterparts shall together constitute one and the same instrument.

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Date: 16 May 2015 Alston Jun Ngai WONG 135 Sunset Way, #06-13 597158, Singapore
STATEMENT BY WITNESS
I, Minh Dang Namen, whose full Post Office address is
#10-135 BIK 134C Kang Ching Rd 619064 Sugapore. (Address of Witness)
hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.
Date: 16th May 2015 (Signature of Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has b undersigned:	een executed below by the
Date: 16 Mar 2015 Jia Ming KEW BLK 114, Bukit Batok West 650114, Singapore	Avenue 6, #04-188
STATEMENT BY WITNESS	
I, Minh Dang Nguyen, whose fi	all Post Office address is
#110-135 Blk 134C Kang Ching Kd (Address of Witness)	619064 Smyapore.
hereby declare that I was personally present and did see the abov known to me to be a person named in the Worldwide Assignment, du	e named person, personally lly sign and execute same.
Date: 16th Mor 295 (Signature of W	itness)

IN WITNESS WHEREOF, th undersigned:	is Worldwide Assignment I	has been executed below by the
Date: 16 Mar 1015	Doren Hui Ping HO 148 Silat Ave., #10-04 160148, Singapore	: *
STA	TEMENT BY WITNESS	
I, Minh Dang Nguy	, who	se full Post Office address is
#-10-135 BK 134C	Kang Chung Rd (Address of Witness)	619064 Singapore.
hereby declare that I was personally known to me to be a person named in	present and did see the a the Worldwide Assignment	bove named person, personally t, duly sign and execute same.
Date: 16th Mar 2015	(Signature of	cuef Witness)

IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:
Date: 16 Mar 2015 Warpungel Guan Yee CHAN BLK 89, Tanglin Halt Road, #35-356 141089, Singapore
STATEMENT BY WITNESS
1, Minh Dang Nguyen, whose full Post Office address is #10-135 B1k 134C Kang Ching Rd 619064 Singapore, (Address of Witness)
hereby declare that I was personally present and did see the above named person, personall known to me to be a person named in the Worldwide Assignment, duly sign and execute same.
Date: 16 th Mar 2015 (Signature of Witness)