PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4080928

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIANPENG YUE	10/03/2016
PENG CHENG	10/03/2016
MARVIN ALLEN GREGORY	10/03/2016
XU WANG	10/03/2016

RECEIVING PARTY DATA

Name:	CNPC USA CORPORATION
Street Address:	2901 WILCREST DRIVE
Internal Address:	STE. 600
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77042

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15254506

CORRESPONDENCE DATA

Fax Number: (832)900-4941

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: 7134263923

Email:bwilliams@rameyfirm.comCorrespondent Name:ELIZABETH WILLIAMSAddress Line 1:5020 MONTROSE BLVD.

Address Line 2: SUITE 750

Address Line 4: HOUSTON, TEXAS 77006

ATTORNEY DOCKET NUMBER:	20087.0008.NPUS00
NAME OF SUBMITTER:	ELIZABETH WILLIAMS
SIGNATURE:	/ELIZABETH WILLIAMS/
DATE SIGNED:	10/04/2016

Total Attachments: 6

PATENT REEL: 039927 FRAME: 0708



PATENT REEL: 039927 FRAME: 0709

WORLDWIDE ASSIGNMENT

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

Jianpeng Yue, 3811 Orchard Springs Ct, Sugar land, TX 77479, US; Peng Cheng, 3802 Sundance Hill Ln, Sugar Land, TX 77479, US; Marvin Allen Gregory, 3334 Pinecandle Drive, Spring, Texas 77388, US; and Xu Wang, Bl. D3, Apt# 1501, Yangguang Plaza, Anli Road, Chaoyang District, Beijing, P.R.China, 100101, CN.

has/have invented a **SHORT MILLABLE PLUG FOR HYDRAULIC FRACTURING OPERATIONS** ("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:

US, Application No. 15/254,506; Filed September 1, 2016

AND WHEREAS, CNPC USA CORPORATION, (hereinafter referred to as the ASSIGNEE"), a corporation organized under the laws of the State of Texas, having a place of business at 2901 Wilcrest Drive, Ste. 600, Houston, 77042, 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

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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 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.

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IN WITNESS WHERE undersigned:	OF, this Worldwide Assignm	nent has been executed below by the
Date: <u>10/03/16</u>	Janpeng Yue 3811 Orchard Sugar land, TX	Springs Ct
	STATEMENT BY WITN	ESS
1, Crystal Red	Man	, whose full Post Office address is
2901 Wilcrest	Dv. Ste 600 (Address of Witness)	whose full Post Office address is Hovstor 7x 77042
hereby declare that I was persor known to me to be a person nan	nally present and did see the ned in the Worldwide Assign	above named person, personally ment, duly sign and execute same.
Date: 15-3-2016	Qe	

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(Signature of Witness)

IN WITNESS WHEREOF, this Worldwide A undersigned:	ssignment has been executed below by the
	eng ndance Hill Ln. and, TX 77479, US
STATEMENT BY	WITNESS
1, Crystal Redman	, whose full Post Office address is
2901 WILCHEST Dr. Ste GOO (Address of Wi	tness)
hereby declare that I was personally present and did so known to me to be a person named in the Worldwide	ee the above named person, personally Assignment, duly sign and execute same.
Date: 0 3 2016	Signature of Witness)

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IN WITNESS WHEREOF, the undersigned:	is Worldwide Assignr	nent has been exec	cuted below by the
Date: <u>/0-3-20/6</u>	Marvin Allen O 3334 Pinecand Spring, Texas	lle Drive	7
STA	TEMENT BY WITN	ESS	
1, Crystal Redr	rvor	, whose full Post C	Office address is
2901 Wilcrest Dr.	Ste 600 H (Address of Witness)	oustm, Tx	17042
hereby declare that I was personally proknown to me to be a person named in	resent and did see the the Worldwide Assigr	above named personment, duly sign an	on, personally and execute same.
Date: 10 3 2014	(Signati	ure of Witness)	
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IN WITNESS WHEREOF, this Wundersigned:	Vorldwide Assigni	ment has been executed t	pelow by the
Date: 10/3/2016	Xu Wang Bl. D3, Apt# 1 Anli Road, Ch	Wang J 501, Yangguang Plaza aoyang District hina, 100101 China	ZA
STATE	MENT BY WITN	ESS	
I, - 'ystal ledma) 2901 wilcrest Dr.			
hereby declare that I was personally prese known to me to be a person named in the	ent and did see the Worldwide Assign	above named person, pe nment, duly sign and exe	rsonally ccute same.
Date: 10/3/2014	(Signat	ure of Witness)	

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PATENT REEL: 039927 FRAME: 0715

RECORDED: 10/04/2016