

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3452417

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHILIN CHEN	12/13/2010
RECEIVING PARTY DATA	
Name:	HALLIBURTON ENERGY SERVICES, INC.
Street Address:	10200 BELLAIRE BLVD.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77072
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14807396
CORRESPONDENCE DATA	
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<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>	
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Correspondent Name:	BAKER BOTTS L.L.P.
Address Line 1:	1500 SAN JACINTO CENTER
Address Line 2:	98 SAN JACINTO BLVD
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NAME OF SUBMITTER:	CRYSTLE GARBADE
SIGNATURE:	/Crystle Garbade/
DATE SIGNED:	07/23/2015
Total Attachments: 1	
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ASSIGNMENT

1 of 1

WHEREAS, I, the undersigned sole inventor of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made; said application having been executed; and

WHEREAS, HALLIBURTON ENERGY SERVICES, INC., (hereinafter referred to as "Assignee"), A Delaware Corporation with its principal address at 10200 Bellaire Blvd., Houston, TX 77072 desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interests are concerned, to Assignee.

I also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

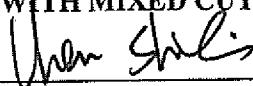
I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the party's successors, assigns and legal representatives.

Title of Invention:

PDC BITS WITH MIXED CUTTER BLADES

Signature of sole Inventor:
Inventor's Name:



Shilin Chen

Date:

12-13-2010

Residence (City, County, State)

The Woodlands, Montgomery County, Texas