#### 505808199 12/06/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5855028

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
WANJUN CAO	12/05/2019
JUAN MIGUEL BILEN	12/05/2019

## **RECEIVING PARTY DATA**

Name:	BAKER HUGHES OILFIELD OPERATIONS LLC	
Street Address:	17021 ALDINE WESTFIELD ROAD	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code: 77073		

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16705675

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	1684-15208(64BSG506725)		
NAME OF SUBMITTER:	JAMES C. WATSON		
SIGNATURE:	/James C. Watson/		
DATE SIGNED:	12/06/2019		

#### **Total Attachments: 4**

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> **PATENT REEL: 051205 FRAME: 0132**

505808199

### PATENT APPLICATION ASSIGNMENT

WHEREAS, We, Wanjun Cao, Juan Miguel Bilen, and Steven W. Webb, have invented new and useful improvements in TECHNIQUES FOR FORMING INSTRUMENTED CUTTING ELEMENTS AND AFFIXING THE INSTRUMENTED CUTTING ELEMENTS TO EARTH-BORING TOOLS AND RELATED APPARATUSES AND METHODS for the Application for United States Letters Patent filed concurrently herewith.

WHEREAS, Baker Hughes Oilfield Operations LLC, a Limited Liability Company of the State of Delaware, having a correspondence address of 17021 Aldine Westfield, Houston, Texas 77073 USA, is desirous of acquiring our entire right, title and interest in said application and our Letters Patent which may issue thereon.

NOW, THEREFORE, it be 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 hereby assign to said corporation, both in and for the territory of the United States of America and the entire world, all our title and interest in and to said invention, patent application and any patent which may issue thereon, including all divisions, continuations, reissues, continuations-in-part and substitutions thereof, plus all priority rights for patent applications foreign to the United States of America. We further hereby assign and transfer to said corporation whatever cause of action we may have for past or present infringement of said invention, together with the right to bring suit for any such infringement and to seek and receive damages and other relief arising from any such infringement.

WE HEREBY covenant and agree that we will at any time, upon the request of said corporation, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention, applications and patents, and we authorize the Commissioner of Patents and Trademarks to issue Letters patent to said corporation.

PATENT REEL: 051205 FRAME: 0133

ASSIGNOR:
Date: 12/5/19
Wanjun Cao
Residing at: 3720 College Park Drive, Apt. 18204, The Woodlands, TX 77384
COUNTY OF COUNTY
luxy/
Notary Public in and for said County and State
My Commission Expires:
So-control control con
KIM GREGG  Notery Public, State of Texas Comm. Expires 08-03-2022
Notery ID 10978542

ASSIGNOR:  Date: 12 5 19		
Juan Miguel Bilen		
Residing at: 27 Willow Point Place, The Woodlands, TX 77382		
COUNTY OF MONAGOWA )		
COUNTY OF MONTON ) STATE OF THE S SS.		
On this		
MIGUEL BILEN, to me known to be the person whose name is subscribed to the foregoing		
instrument, and acknowledged to me that he/she executed the same		
Notary Public in and for said County and State		
My Commission Expires:		
KIM GREGG  Notery Public, State of Texas  Comm. Expires 08-03-2022  Notery ID 10978542		

ASSIGNOR:		
		Date:
Steven W. Webb		
Residing at: 127 Rush Have D	rive, The Wood	llands, TX 77381
COUNTY OF	)	
	: SS.	
STATE OF	)	
On this day of		, 2019, before me personally appeared STEVEN
W. WEBB, to me known to be	the person who	se name is subscribed to the foregoing instrument,
and acknowledged to me that h	e/she executed	the same.
		Notary Public in and for said County and State
		rrotary I done in and for said County and State
My Commission Expires:		
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PATENT REEL: 051205 FRAME: 0136