

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MARC W. BIRD	04/03/2018
RECEIVING PARTY DATA		
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	Property Type	Number
	Application Number:	15842530
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SIGNATURE:	/Jesse M. Flores/	
DATE SIGNED:	04/03/2018	
Total Attachments: 2		
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PATENT APPLICATION ASSIGNMENT

WHEREAS, We, Wanjun Cao, residing at 3720 College Park Drive, Apt. 18204, The Woodlands, TX 77384, Michell Schimanski, residing at Borweg 36, Edemissen 31234 Germany , and Marc W. Bird, residing at 10110 Meadow Lake Lane, Houston, TX 77042, have invented new and useful improvements in **METHODS OF FORMING SUPPORTING SUBSTRATES FOR CUTTING ELEMENTS, AND RELATED CUTTING ELEMENTS, METHODS OF FORMING CUTTING ELEMENTS, AND EARTH-BORING TOOLS** for which I have filed as United States Patent Application No. 15/842,530 on December 14, 2017.

WHEREAS, Baker Hughes, a GE company, 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 I authorize the Commissioner of Patents and Trademarks to issue Letters patent to said corporation.

ASSIGNOR:

[Signature]

Date: 4/3/2018

Marc W. Bird

Residing at: 10110 Meadow Lake Lane, Houston, TX 77042

COUNTY OF Montgomery)

: ss.

STATE OF Texas)

On this 3 day of April, 2017, before me personally appeared MARC W. BIRD, 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.

[Signature]

Notary Public in and for said County and State

My Commission Expires:

