505028563 07/31/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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EPAS ID: PAT5075313

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| KONRAD THOMAS IZBINSKI | 07/26/2018 |
| RICHARD WAYNE BORGE | 07/26/2018 |
| NICHOLAS J LYONS | 07/26/2018 |
| XU HUANG | 07/26/2018 |

RECEIVING PARTY DATA

| Name: | BAKER HUGHES, A GE COMPANY, LLC |
|-----------------|---------------------------------|
| Street Address: | 17021 ALDINE WESTFIELD |
| City: | HOUSTON |
| State/Country: | TEXAS |
| Postal Code: | 77073 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16047863 |

CORRESPONDENCE DATA

Fax Number: (801)531-9168

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: 801-532-1922

Email: bknielsen@TraskBritt.com

Correspondent Name: TRASKBRITT **Address Line 1:** P.O. BOX 2550

Address Line 4: SALT LAKE CITY, UTAH 84110

| ATTORNEY DOCKET NUMBER: | 1684-P14340US |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | KYLE M. WOODHOUSE |
| SIGNATURE: | /KYLE M. WOODHOUSE/ |
| DATE SIGNED: | 07/31/2018 |

Total Attachments: 5

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PATENT 505028563 REEL: 046511 FRAME: 0700

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PATENT REEL: 046511 FRAME: 0701

PATENT APPLICATION ASSIGNMENT

WHEREAS, We, Konrad Thomas Izbinski, residing at 131 West Wading Pond Circle, The Woodlands, TX 77375; Richard Wayne Borge, residing at 1401 Waugh Drive, Unit 2, Houston, TX 77019; Nicholas J. Lyons, residing at 4200 Scotland St. #708; and Xu Huang, residing at 26325 Northgate Crossing Blvd., Apt. 1111, Spring, TX 77373, have invented new and useful improvements in CUTTING ELEMENTS CONFIGURED TO REDUCE IMPACT DAMAGE RELATED TOOLS AND METHODS - ALTERNATE CONFIGURATIONS for the Application for United States Letters Patent filed concurrently herewith.

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 we authorize the Commissioner of Patents and Trademarks to issue Letters patent to said corporation.

PATENT REEL: 046511 FRAME: 0702

KIM GREGO

Comm. Expires 08-03-2018

Notory ID 10975642

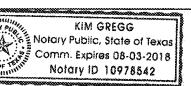
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My Commission Expires:

ASSIGNOR:

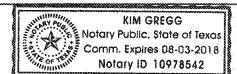
| A11/2 | Date: 7/26/18 |
|--|--|
| Richard Wayne Borge | |
| Residing at: 1401 Waugh Drive, Unit 2, Houston | , TX 77019 |
| Man Jeonia/ | |
| COUNTY OF I VOICE (STATE) | |
| COUNTY OF MONORMY) STATE OF (123): ss. | |
| | 2018, before me personally appeared |
| RICHARD WAYNE BORGE, to me known to b | |
| foregoing instrument, and acknowledged to me the | at he/she executed the same. |
| | Notary Public in and for said/County and State |

My Commission Expires:



ASSIGNOR:

| 7/26/18 |
|--|
| Nicholas J. Lyons |
| Residing at: 4200 Scotland St. #708, Houston, TX 77007 |
| COUNTY OF //) STATE OF () On this day of, 2018, before me personally appeared NICHOLAS J. LYONS, 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 |
| 170 mly 1 done in that for said County and State |
| My Commission Expires: |



Date: 07/24/18

Xu Huang
Residing at: 26325 Northgate Crossing Blvd., Apt. 1111, Spring, TX 77373

COUNTY OF (Month of Month of M

KIM GREGG Notary Public, State of Texas Comm. Expires 08-03-2018 Notary ID 10978542

ASSIGNOR: