

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4193613

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| ZHIYUE XU | 12/20/2016 |
| RECEIVING PARTY DATA | |
| Name: | BAKER HUGHES INCORPORATED |
| Street Address: | 17021 ALDINE WESTFIELD |
| City: | HOUSTON |
| State/Country: | TEXAS |
| Postal Code: | 77073 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15385021 |
| CORRESPONDENCE DATA | |
| Fax Number: | (860)286-0115 |
| <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> | |
| Phone: | 860-286-2929 |
| Email: | usptopatentmail@cantorcolburn.com |
| Correspondent Name: | CANTOR COLBURN LLP- BAKER HUGHES INCORPO |
| Address Line 1: | 20 CHURCH STREET |
| Address Line 2: | 22ND FLOOR |
| Address Line 4: | HARTFORD, CONNECTICUT 06103 |
| ATTORNEY DOCKET NUMBER: | TYI4-62128-USNP/BAO1549US |
| NAME OF SUBMITTER: | WANLI WU |
| SIGNATURE: | /Wanli Wu/ |
| DATE SIGNED: | 12/20/2016 |
| Total Attachments: 2 | |
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| source=7QJ9445#page2.tif | |

PATENT APPLICATION ASSIGNMENT

WHEREAS, I, Zhiyue Xu, a citizen of the United States, residing at 18709 N. Bee Cave Springs Circle, Cypress, TX 77433; have invented new and useful improvements in **MULTIFUNCTIONAL DOWNHOLE TOOLS** for which we have filed as United States application 15/385,021 filed on December 20, 2016,

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application when known.)

WHEREAS, **Baker Hughes Incorporated**, a corporation of the State of Delaware, having a correspondence address of 17021 Aldine Westfield, Houston, Texas 77073, USA, is desirous of acquiring my entire right, title and interest in said application and my 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, I hereby assign to said corporation, both in and for the territory of the United States of America and the entire world, all my 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. I further hereby assign and transfer to said corporation whatever cause of action I 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.

I HEREBY covenant and agree that I 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.

INVENTOR/1

[Handwritten Signature]

Zhiyue Xu

Date: 12/20/2016

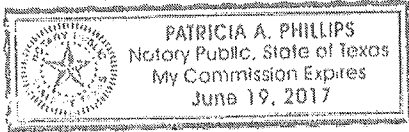
STATE OF *Texas*

ss.

COUNTY OF *Harris*

This 20 day of December, 2016 before me personally came the above-named **ZHIYUE XU**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal



Patricia A. Phillips

(Notary Public)