504312626 04/07/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4359308

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YINGQING XU	04/07/2017
ZHIYUE XU	04/07/2017
JAMES DOANE	04/07/2017

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:	15482249

CORRESPONDENCE DATA

Fax Number: (860)286-2929

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: 860-286-2929

Email: usptopatentmail@cantorcolburn.com

CANTOR COLBURN LLP- BAKER HUGHES INCORPO **Correspondent Name:**

Address Line 1: 20 CHURCH STREET

Address Line 2: 22ND FLOOR

Address Line 4: HARTFORD, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER:	TYI4-62681-USNP/BAO1586US	
NAME OF SUBMITTER:	KEITH J. MURPHY	
SIGNATURE:	/Keith J. Murphy, Reg. No. 33979/	
DATE SIGNED:	04/07/2017	

Total Attachments: 6

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> **PATENT REEL: 041933 FRAME: 0449**

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PATENT APPLICATION ASSIGNMENT

WHEREAS, WE, Yingqing Xu, a citizen of The United States of America, residing at residing at 11711 Rivergrove Court, Tomball, TX, 77377, USA; Zhiyue Xu, a citizen of The United States of America, residing at 18709 N. Bee Cave Springs Circle, Cypress, TX, 77433, USA; and James Doane, a citizen of The United States of America, residing at 1905 Stillwater Drive, Friendswood, TX, 77546, USA; have invented new and useful improvements in A PRESSURE-TRIGGERED DEGRADABLE-ON-COMMAND COMPONENT OF A DOWNHOLE TOOL AND METHOD for which we have filed as United States application:

15/482,249 filed on April 7, 2017

(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, We 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. 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.

TYI4-62681-US-NP (BAO1586US)

INVENTOR 1 Yingqing Xu	Date: 4/7/20/7
Yingqing Xu, to me personally know	ss. , 2017, before me personally came the above-named wn as the individual who executed the foregoing assignment executed the same of his/her own free will for the purposes
MARION GESELE NORMAN Notary Public, State of Texas Comm. Expires 08-07-2018 Notary ID 12671581-3	Marion Alsele Moman (Notary Public)

PATENT APPLICATION ASSIGNMENT

WHEREAS, WE, Yingqing Xu, a citizen of The United States of America, residing at residing at 11711 Rivergrove Court, Tomball, TX, 77377, USA; Zhiyue Xu, a citizen of The United States of America, residing at 18709 N. Bee Cave Springs Circle, Cypress, TX, 77433, USA; and James Doane, a citizen of The United States of America, residing at 1905 Stillwater Drive, Friendswood, TX, 77546, USA; have invented new and useful improvements in A PRESSURE-TRIGGERED DEGRADABLE-ON-COMMAND COMPONENT OF A DOWNHOLE TOOL AND METHOD for which we have filed as United States application:

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TYI4-62681-US-NP (BAO1586US)

INVENTOR 2	
- All XV	Date: 4/7/2017
Zhiyue Xu	
STATE OF YEXAS	
COUNTY OF Hamis	SS.
Zniyue Au, to me personally known	, 2017 before me personally came the above-named as the individual who executed the foregoing assignment executed the same of his/her own free will for the purposes
Seal	Marion Greele Minay (Notary Public)
MARION GESELE NORMAN Notary Public, State of Texas Comm. Expires 08-07-2019	(Notary Public)

PATENT APPLICATION ASSIGNMENT

WHEREAS, WE, Yingqing Xu, a citizen of The United States of America, residing at residing at 11711 Rivergrove Court, Tomball, TX, 77377, USA; Zhiyue Xu, a citizen of The United States of America, residing at 18709 N. Bee Cave Springs Circle, Cypress, TX, 77433, USA; and James Doane, a citizen of The United States of America, residing at 1905 Stillwater Drive, Friendswood, TX, 77546, USA; have invented new and useful improvements in A PRESSURE-TRIGGERED DEGRADABLE-ON-COMMAND COMPONENT OF A **DOWNHOLE TOOL AND METHOD** for which we have filed as United States application:

filed on (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.)

April 7, 2017

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.

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TYI4-62681-US-NP (BAO1586US)

15/482,249

INVENTOR 3 James Doane James Doane	Date: 4/7/2017
STATE OF TEXAS COUNTY OF Harris	
This 7th day of April named James Doane, to me personally knassignment, who acknowledged to me that for the purposes therein set forth.	before me personally came the above- nown as the individual who executed the foregoing the/she executed the same of his/her own free wil
MARION GESELE NORMAN Notary Public, State of Texas Comm. Expires 08-07-2018 Notary ID 12571581-3	Marion Allele Moman (Notary Public)

RECORDED: 04/07/2017