

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2636845

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>GUODONG ZHAN</td><td>01/22/2013</td></tr><tr><td>WALTER R. ROTHROCK</td><td>01/30/2013</td></tr><tr><td>PARUL WALIA DHALL</td><td>01/22/2013</td></tr><tr><td>MICHAEL S. NIXON</td><td>11/19/2013</td></tr><tr><td>TERRY R. MATTHIAS</td><td>03/04/2013</td></tr></tbody></table>	Name	Execution Date	GUODONG ZHAN	01/22/2013	WALTER R. ROTHROCK	01/30/2013	PARUL WALIA DHALL	01/22/2013	MICHAEL S. NIXON	11/19/2013	TERRY R. MATTHIAS	03/04/2013	
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TERRY R. MATTHIAS	03/04/2013												
RECEIVING PARTY DATA													
Name:	NATIONAL OILWELL VARCO, L.P.												
Street Address:	7909 PARKWOOD CIRCLE DRIVE												
City:	HOUSTON												
State/Country:	TEXAS												
Postal Code:	77036												
PROPERTY NUMBERS Total: 3													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>61723529</td></tr><tr><td>Application Number:</td><td>14073243</td></tr><tr><td>PCT Number:</td><td>US1368690</td></tr></tbody></table>	Property Type	Number	Application Number:	61723529	Application Number:	14073243	PCT Number:	US1368690					
Property Type	Number												
Application Number:	61723529												
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PCT Number:	US1368690												
CORRESPONDENCE DATA													
Fax Number:	(713)238-8008												
Phone:	713-238-8000												
Email:	eskaggs@conleyrose.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	THADDEUS J. FALESKI												
Address Line 1:	1001 MCKINNEY, SUITE 1800												
Address Line 4:	HOUSTON, TEXAS 77002												
ATTORNEY DOCKET NUMBER:	1814-71801												

NAME OF SUBMITTER:	THADDEUS J. FALESKI
Signature:	/Thaddeus J. Faleski/
Date:	12/04/2013
Total Attachments: 6 source=1814-71800 Executed Assignment#page1.tif source=1814-71800 Executed Assignment#page2.tif source=1814-71800 Executed Assignment#page3.tif source=1814-71800 Executed Assignment#page4.tif source=1814-71800 Executed Assignment#page5.tif source=1814-71800 Executed Assignment#page6.tif	

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION given to us by **NATIONAL OILWELL VARCO, L.P.**, and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, **GUODONG ZHAN, WALTER R. ROTHROCK, PARUL WALIA DHALL, MICHAEL S. NIXON,** and **TERRY R. MATTHIAS** ("ASSIGNORS"), having made an invention in "**METHODS FOR VAPOR PRESSURE LEACHING POLYCRYSTALLINE DIAMOND CUTTER ELEMENTS,**" while in the employ either as an employee or consultant of **NATIONAL OILWELL VARCO, L.P.**, a Delaware limited partnership doing business at 7909 Parkwood Circle Drive, Houston, Texas 77036 (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said **NATIONAL OILWELL VARCO L.P.**, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in "**METHODS FOR VAPOR PRESSURE LEACHING POLYCRYSTALLINE DIAMOND CUTTER ELEMENTS;**"
2. United States of America provisional patent application, filed as U.S. Application No. 61/723,529 on November 7, 2012 (Attorney's File No. 1814-71800), and entitled "**METHODS FOR VAPOR PRESSURE LEACHING POLYCRYSTALLINE DIAMOND CUTTER ELEMENTS;**"
3. All applications for patent or like protection on the INVENTION that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on the INVENTION, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on the INVENTION to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of the applications and patents and like grants, including without limitation, those obtained or permissible under past, present, and future laws and statutes;
6. All rights of action on account of past, present, and future unauthorized use of the INVENTION and for infringement of the patents and like protection;

7. The right in ASSIGNEE to file in its name applications for patents and like protection for the INVENTION in any country or countries foreign to the United States; and
8. All international rights of priority associated with the INVENTION, applications, patents, and like protection; and

we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors, and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors, and assigns, the full benefit of this Assignment. Further, ASSIGNOR warrants that the INVENTION is not encumbered by another assignment or obligation of assignment to a third-party and that ASSIGNOR has the full ability and authority to assign and encumber the INVENTION.

ASSIGNOR

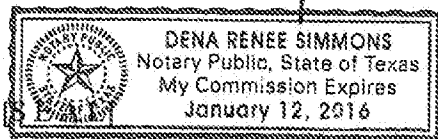
Date: 01/22/13


Guodong Zhan

THE STATE OF TEXAS §
COUNTY OF Montgomery §

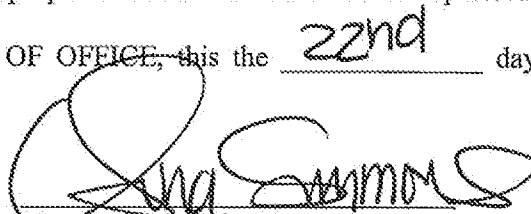
BEFORE ME, the undersigned authority, on this day personally appeared **Guodong Zhan**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 22nd day of January, 2013.



My Commission Expires:

1/12/16


Notary Public in and for
the State of TEXAS

ASSIGNOR

Date: Jan 30, 2013


Walter R. Rothrock

THE STATE OF TEXAS §

COUNTY OF MONTGOMERY §

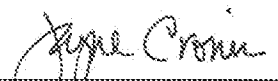
BEFORE ME, the undersigned authority, on this day personally appeared **Walter R. Rothrock**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

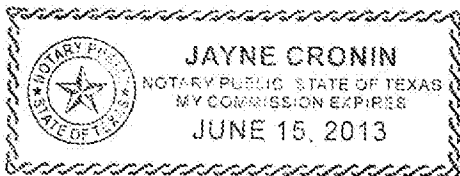
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 30 day of January, 2013.

[SEAL]

My Commission Expires:

June 15, 2013


Notary Public in and for
the State of Texas



ASSIGNOR

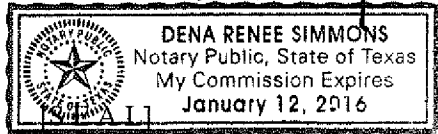
Date: 1/22/13

Parul Walia
Parul Walia Dhall

THE STATE OF Texas §
COUNTY OF Montgomery §

BEFORE ME, the undersigned authority, on this day personally appeared **Parul Walia Dhall**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 22nd day of January, 2013.



Dena Renee Simmons
Notary Public in and for
the State of Texas

My Commission Expires:

1/12/16

ASSIGNOR

Date: 19-Nov-13

Michael S. Nixon

Michael S. Nixon

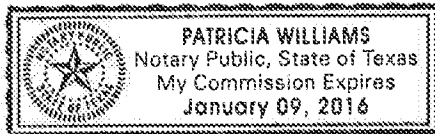
THE STATE OF Texas §

COUNTY OF Brazoria §

BEFORE ME, the undersigned authority, on this day personally appeared **Michael S. Nixon**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 19th day of November, 2013.

[SEAL]



Patricia Williams

Notary Public in and for
the State of Texas


My Commission Expires:

1-09-2016

EXECUTED on the date indicated below, opposite my signature.

Signature: 
Terry R. Matthias

Date: 4 Mar 13

Witnessed by: 
Signature

Date: 4TH MARCH 2013

VIRGINIA K. RYDER
Printed Name of Witness