503881743 06/21/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3928393

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ENRIQUE ANTONIO REYES	06/19/2015
TIFFANY ANNE PINDER	06/19/2015
QI LANG	06/30/2015
GAGAN SAINI	06/18/2015
BRIAN ATKINS	06/18/2015

RECEIVING PARTY DATA

Name:	HALLIBURTON ENERGY SERVICES, INC.
Street Address:	3000 N. SAM HOUSTON PARKWAY E
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77032-3219

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15107004

CORRESPONDENCE DATA

Fax Number:

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: 202 756 8000

Email: mweipdocket@mwe.com, ipdockethouston@mwe.com

Correspondent Name: MCDERMOTT WILL & EMERY LLP
Address Line 1: THE MCDERMOTT BUILDING

Address Line 2: 500 NORTH CAPITOL STREET, N.W.

Address Line 4: WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER:	098273-0698
NAME OF SUBMITTER:	IONA N. KAISER
SIGNATURE:	/lona N. Kaiser/
DATE SIGNED:	06/21/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 038975 FRAME: 0087

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Total Attachments: 10 source=2014-IP-0963927U1US_DeclAsmt_098273-0698#page1.tif source=2014-IP-0963927U1US_DeclAsmt_098273-0698#page2.tif source=2014-IP-0963927U1US_DeclAsmt_098273-0698#page3.tif source=2014-IP-0963927U1US_DeclAsmt_098273-0698#page4.tif source=2014-IP-0963927U1US_DeclAsmt_098273-0698#page5.tif source=2014-IP-0963927U1US_DeclAsmt_098273-0698#page6.tif source=2014-IP-0963927U1US_DeclAsmt_098273-0698#page7.tif source=2014-IP-0963927U1US_DeclAsmt_098273-0698#page8.tif source=2014-IP-0963927U1US_DeclAsmt_098273-0698#page9.tif source=2014-IP-0963927U1US_DeclAsmt_098273-0698#page9.tif

PATENT REEL: 038975 FRAME: 0088

DECLARATION AND ASSIGNMENT

As the below name	ed inventor, I hereby declare that:
This declaration is	directed to:
	d application to be filed as a United States application of
PCT internat	cional application, or
United Stat	es application or PCT international application numbe
	filed on; and,
entitled "CATALYST MAT	FERIAL EXTRACTION FROM POLYCRYSTALLINE DIAMONE
TABLES." Regarding that	t application, I declare the following:

- The above-identified application was made, or authorized to be made, by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Moreover, Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 3000 N. Sam Houston Parkway E., Houston, TX 77032-3219 (hereinafter "Assignee") is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We, by these presents do sell, assign and transfer and convey unto Assignee, its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application identified above, and any national phase, divisional, continuing, continuation-in-part, or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefore; said invention, application and any and all Letters Patent issuing there from to be held and enjoyed by Assignee, for its own use and benefit, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

1 of 2

And I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And I do further agree to communicate to Assignee, its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

Executed this 19th day of June, 2015,

ENRIQUE ANTONIO REVES

STATE OF TEXAS

COUNTY OF Harris

ALEX WEBSTER
Notary Public, State of Texas
My Commission Expires
January 04, 2018

And Welister (Notary)

DECLARATION AND ASSIGNMENT

As the below named inventor, I hereby declare that:
This declaration is directed to:
$oxed{\boxtimes}$ The attached application to be filed as a United States application or
PCT international application, or
United States application or PCT international application number
filed on; and,
entitled "CATALYST MATERIAL EXTRACTION FROM POLYCRYSTALLINE DIAMOND
TABLES." Regarding that application, I declare the following:

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And I do further agree to communicate to Assignee, its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

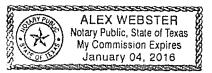
Executed this 19 day of

TIFFANY ANNE PINDER

STATE OF TEXAS)
COUNTY OF Harris)

Before me personally appeared said TIFFANY ANNE PINDER and acknowledged the foregoing instrument to be a free act and deed this $\frac{19}{10}$ day of $\frac{100}{100}$, 2015.

Seal



(Notary)

DECLARATION AND ASSIGNMENT

As the below named inventor, I hereby declare that:
This declaration is directed to:
$oxed{\boxtimes}$ The attached application to be filed as a United States application or
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United States application or PCT international application number
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And I do further agree to communicate to Assignee, its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

Executed this3	oday of _	June	, 2015	
	Q	LIANG		
STATE OF)			
COUNTY OF)			
Before me personally appe	eared said Q	I LIANG and acknow	owledged the forego	ing
instrument to be a free act	and deed this	day of	, 2015.	
Seal				
			(Notary)	

2 of 2

DECLARATION AND ASSIGNMENT

As the below named inventor, I hereby declare that:
This declaration is directed to:
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PCT international application, or
United States application or PCT international application numbe
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1 of 2

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And I do further agree to communicate to Assignee, its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

Executed this ____18 th day of _____ JVNE

, 2015

GAGAN SAINI

STATE OF

TEXAS

COUNTY OF

MONTGOMERY

Before me personally appeared said GAGAN SAINI and acknowledged the foregoing instrument to be a free act and deed this $\frac{18}{180}$ day of $\frac{100}{100}$, 2015.

(Notary

DECLARATION AND ASSIGNMENT

As	the below named inventor, I hereby declare that:
Thi	s declaration is directed to:
\boxtimes	The attached application to be filed as a United States application or
	PCT international application, or
	United States application or PCT international application number
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And I do further agree to communicate to Assignee, its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

Executed this 18 day of June

STATE OF TEXAS

Before me personally appeared said BRIAN ATKINS and acknowledged the foregoing instrument to be a free act and deed this 18 day of 3 une, 2015.

FLIZABETH BREWER Notary Public, State of Texas My Commission Expires May 04, 2019

2 of 2