504232425 02/16/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4279102

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MURALIDHAR SESHADRI	09/25/2014
DANIEL E. VIASSOLO	09/25/2014
RANDY COLES	09/25/2014

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:	15504608

CORRESPONDENCE DATA

Fax Number: (888)712-9587

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: 281-825-5235 Email: VY@ISELIN.LAW **ISELIN LAW PLLC Correspondent Name:** Address Line 1: P.O. BOX 1906

Address Line 4: CYPRESS, TEXAS 77410-1906

ATTORNEY DOCKET NUMBER:	1391-935.03
NAME OF SUBMITTER:	VY NGUYEN
SIGNATURE:	/Vy Nguyen/
DATE SIGNED:	02/16/2017

Total Attachments: 4

source=2014-IP-085907PCT_HAL-93501_PCT-ASG-S#page1.tif source=2014-IP-085907PCT_HAL-93501_PCT-ASG-S#page2.tif source=2014-IP-085907PCT_HAL-93501_PCT-ASG-S#page3.tif source=2014-IP-085907PCT HAL-93501 PCT-ASG-S#page4.tif

PATENT REEL: 041281 FRAME: 0455 504232425

ASSIGNMENT

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned inventor(s), for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, MURALIDHAR SESHADRI, DANIEL E. VIASSOLO, and RANDY COLES having made an invention in "MODEL-BASED PUMP-DOWN OF WIRELINE TOOLS", while in the employment of HALLIBURTON ENERGY SERVICES, INC., a corporation organized and existing under the laws of the State of Delaware, doing business at 3000 N. Sam Houston Parkway E., Houston, TX 77032-3219, USA, (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to:

- 1. Said invention in "MODEL-BASED PUMP-DOWN OF WIRELINE TOOLS";
- 2. The International PCT Patent Application on said invention, filed concurrently herewith or as PCT Patent Application No. <u>PCT/US2014/056363</u> filed <u>September 18, 2014</u>, (Attorney's File No. 1391-935.01; attorney is authorized to fill in the application number and filing date after the USPTO assigns them), entitled "MODEL-BASED PUMP-DOWN OF WIRELINE TOOLS",";
- 3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, 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 said 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 said applications and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statutes;
- 6. All rights of action on account of past, present and future unauthorized use of said invention for infringement of said patents and like protection;
- 7. The right to ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
- 8. All international rights of priority associated with said invention, applications, patents and like protection; and

I (or We) covenant that I (or We), my (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.

EXECUTED at HOUSTON (City), TX (State), on the 25 day of September 2014.
MURALIDHAR SESHADRI
STATE OF Texas § COUNTY OF Harris §
BEFORE ME , the undersigned authority, on this day personally MURALIDHAR SESHADRI, 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 25th day of September, 2014.
[SEAL] CHERI AMOUR SMITH JAMES My Commission Expires March 29, 2015 Notary Public
My Commission Expires: 140104 29, 2015

EXECUTED at 14005 for (City), TX (State), on the 25 day of SEPT, , 2014.
DANIEL E. VIASSOLO
state of Texas s county of <u>Hayris</u> s
BEFORE ME, the undersigned authority, on this day personally appeared DANIEL E. VIASSOLO, 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 25th day of Septemble, 2014.
[SEAL] CHERI AMOUR SMITH JAMES My Commission Expires March 29, 2015 Notary Public
My Commission Expires: 4 March 29,2015

EXECUTED at HOUSTON (City), TX(State), on the 25 day of September, 2014.

RANDY COLÉS

COUNTY OF HOUSE

BEFORE ME, the undersigned authority, on this day personally appeared RANDY COLES, 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 Aday of Louber, 2014.

[SEAL]

CHERI AMOUR SMITH JAMES
My Commission Expires
March 29, 2015

Notary Public

My Commission Expires: Warch 29,2015