503122251 01/05/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3168859

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| SHARATH SAVARI | 01/21/2014 |
| MATTHEW L. MILLER | 01/23/2014 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14412708 |

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: kirsten@kipatents.com

Correspondent Name: KRUEGER ISELIN LLP (1399)

Address Line 1: P O BOX 1906

Address Line 4: CYPRESS, TEXAS 77410-1906

| ATTORNEY DOCKET NUMBER: | 1399-053.03 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | ROBERT AUERBACH |
| SIGNATURE: | /Robert Auerbach/ |
| DATE SIGNED: | 01/05/2015 |

Total Attachments: 3

source=2013-IP-077826US_1399-053.03-ASG-E#page1.tif source=2013-IP-077826US_1399-053.03-ASG-E#page2.tif source=2013-IP-077826US_1399-053.03-ASG-E#page3.tif

PATENT 503122251 REEL: 034631 FRAME: 0035

Docket No. 2013-IP-077826 PCT (1399-053.00)

ASSIGNMENT

Whereas, I/We, Sharath SAVARI, of Stafford, Texas and Matthew L. Miller, of Spring, Texas have invented "Methods and Compositions to use Shape Changing Polymers in Subterranean Formations" for which I/We have made application for Letters Patent of the United States; and

Whereas, **HALLIBURTON ENERGY SERVICES**, **INC.**, a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., 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 serial number PCT/US2014/012094 filed on 1/17/14 (attorney is authorized to enter the serial number and filing date) and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor; said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof, 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.

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 **HALLIBURTON ENERGY SERVICES**, **INC.**, 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 21 day of January, 2014. |
|--|
| |
| |
| d walk |
| d wall |
| $A \sim a^{2}$ |
| SW. |
| Sharath SAVARI |
| STATE OF) |
|) ss COUNTY OF) |
| , |
| Before me, the undersigned authority, on this day 2 day of Janvary , 2014, |
| personally appeared Sharath SAVARI, known to me to be the person whose name is subscribed |
| to the foregoing instrument and acknowledged to me that he executed the same of his own free |
| will for the purposes and consideration therein expressed. |
| |
| |
| [SEA STEPHANIE L. THOMAS (Notary Public) |
| Notary Public, State of Texas My Commission Expires (INOTATY Public) |
| December 06, 2017 |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| Tender Control |
| |
| |
| |
| Page 2 of 3 |

| Executed this 3 day of January, 2014. |
|---|
| |
| Matthew L. Miller |
| STATE OF Texas) SS COUNTY OF Hamis) |
| |
| Before me, the undersigned authority, on this day 23 day of January, 2014, personally appeared Matthew L. Miller, known to me to be the person whose name is subscribed |
| to the foregoing instrument and acknowledged to me that he executed the same of his own free |
| will for the purposes and consideration therein expressed. |
| [SEAL] TERRI NIXON Notary Public, State of Texas My Commission Expires February 11, 2014 |
| |
| * |
| |
| Page 3 of 3 |

PATENT REEL: 034631 FRAME: 0038