PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jason D. Dykstra	12/02/2009
Kenneth L. Schwendemann	12/07/2009
Orlando DeJesus	12/03/2009
Michael L. Fripp	12/14/2009
Syed Hamid	12/03/2009
Tommy F. Grigsby	12/03/2009

RECEIVING PARTY DATA

Name:	Halliburton Energy Services, Inc.
Street Address:	10200 Bellaire Boulevard
City:	Houston
State/Country:	TEXAS
Postal Code:	77072

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US0966043

CORRESPONDENCE DATA

(972)418-3877 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 972-418-3892

Email: ruthine.liebman@halliburton.com Correspondent Name: Halliburton Energy Services, Inc.

Address Line 1: 2601 Beltline Road

Address Line 2: 1-B-121

501072582

Address Line 4: Carrollton, TEXAS 75006

ATTORNEY DOCKET NUMBER:	2008-IP-016607 U1PCT
	PATENT

PATENT REEL: 023830 FRAME: 0103

NAME OF SUBMITTER:	Ruthine Liebman
Total Attachments: 7 source=2008IP016607U1PCTAssignment# source=2008IP016607U1PCTAssignment# source=2008IP016607U1PCTAssignment# source=2008IP016607U1PCTAssignment# source=2008IP016607U1PCTAssignment# source=2008IP016607U1PCTAssignment# source=2008IP016607U1PCTAssignment#	page2.tif page3.tif page4.tif page5.tif page5.tif

PATENT REEL: 023830 FRAME: 0104

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned,

Jason D. Dykstra, Kenneth L. Schwendemann, Orlando DeJesus, Michael L. Fripp, Syed Hamid and Tommy F. Grigsby

Hereby sell, assign and transfer to Halliburton Energy Services, Inc., (hereinafter referred to as the Assignee), having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in PCT application no.: PCT/US09/66043, said application having been filed on November 30, 2009, and entitled System and Method for Completion Optimization, and in and to said application and all provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all utility models, industrial models, certificates of invention, and designs on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all provisional, divisional, continuing, substitute, renewal, reissue and all other patent applications, and all other like rights of exclusion in any country on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper

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patent protection for said improvements and vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

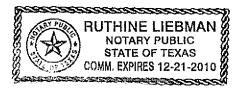
Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

STATE OF TEXAS)
COUNTY OF <u>DALLAS</u>)S.S.

BEFORE ME, the undersigned authority, on this day personally appeared Jason D. Dykstra, 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 2nd day of December,

-2-



Suffeene Liebman Notary Public

IN TESTIMONY WHEREOF, I have duly executed this assignment this
7 day of December, 2009.
Menneth L. Schwendemann
Remem L. Schwendemann
STATE OF TEXAS))S.S. COUNTY OF <u>DALLAS</u>
BEFORE ME, the undersigned authority, on this day personally appeared Kenneth L. Schwendemann, 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 7th day of Wecenber,
2009.
RUTHINE LIEBMAN NOTARY PUBLIC STATE OF TEXAS COMM. EXPIRES 12-21-2010

IN TESTIMONY WHEREOF, I have duly executed this assignment this
3 day of <u>DECEMBEN</u> , 2009.
Orlando DeJesus
STATE OF TEXAS .) COUNTY OF
BEFORE ME, the undersigned authority, on this day personally appeared Orlando DeJesus, 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
2009.
Notary Public Employ
SEAL SHELIA J. EMERY MY COMMISSION EXPIRES May 5, 2013

BEFORE ME, the undersigned authority, on this day personally appeared Michael L. Fripp, 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 14th day of Mecember, 2009.

RUTHINE LIEBMAN
NOTARY PUBLIC
STATE OF TEXAS
COMM. EXPIRES 12-21-2010

Suttine Lebrar Notary Public

IN TESTIMONY WHEREOF, I have duly executed this assignment this
3rd day of December, 2009.
Syed Hamid
STATE OF TEXAS)
COUNTY OF <u>DALLAS</u>)S.S.
BEFORE ME, the undersigned authority, on this day personally appeared Syed Hamid, 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 3 day of Alexander ,
2009.
RUTHINE LIEBMAN NOTARY PUBLIC STATE OF TEXAS COMM. EXPIRES 12-21-2010 Notary Public

IN TESTIMONY WHEREOF, I have duly executed this assignment this
3 ed day of Decamber, 2009.
Tommy F. Grigsby
STATE OF TEXAS) S.S. COUNTY OF HARRIS
COUNTY OF TYMESONS

BEFORE ME, the undersigned authority, on this day personally appeared Tommy F. Grigsby, 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 3rd day of hereways

Notary Public

