

07-20-2007



103428467

T

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

see names attached

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) see attached

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Halliburton Energy Services, Inc.

Internal Address: _____

Street Address: 10200 Bellaire Blvd.

City: Houston

State: TX

Country: US Zip: 77072

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/742,430

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Craig W. Roddy

Internal Address: Halliburton Energy Services, Inc.

Street Address: 2600 S. 2nd

City: Duncan

State: OK Zip: 73536-0440

Phone Number: 580-251-3012

Fax Number: 580-251-3917

Email Address: craig.rodgy@halliburton.com

6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
 Expiration Date _____

b. Deposit Account Number 08-0300

Authorized User Name Halliburton

9. Signature:

Craig W. Roddy
 Signature

7-13-2007

Date

Craig W. Roddy
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Daniel Bour - 10/20/2006
Ronnie Morgan - 10/24/2006
Chris Gordon - 10/25/2006
Melissa Allin - 10/26/2006
Mark Savery – 10/25/2006
Renee Manuel – 10/20/2006
Robert Bates – 10/20/2006

ASSIGNMENT

Whereas, I/We, Daniel Bour, of St. Tammany Parish, Mandeville, Louisiana; Ronnie G. Morgan of Jefferson County, Waurika, Oklahoma; Christopher L. Gordon, of Stephens County, Duncan, Oklahoma; Melissa G. Allin, of Stephens County, Comanche, Oklahoma; Mark, R. Savery, of Stephens County, Duncan, Oklahoma; Renee Manuel, of Lafayette Parish, Lafayette, Louisiana; and Robert Bates, of Terrebonne Parish, Houma, Louisiana, have invented METHOD TO CONTROL THE PHYSICAL INTERFACE BETWEEN TWO OR MORE FLUIDS 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 11/531,579 filed on September 13, 2006, 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 20th day of October, 2006, at New Orleans, Orleans Parish, Louisiana,
U.S.A..

Daniel L. Bour
Daniel Bour

State of Louisiana)
) ss
Parish of Orleans)

Before me personally appeared said Daniel Bour and acknowledged the foregoing instrument to
be his free act and deed this 20th day of October, 2006.

Seal

Charles R. Lane #8006
(Notary) CHARLES R. LANE

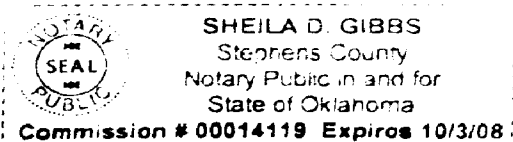
Executed this 24th day of October 2006, at Duncan, Stephens County, Oklahoma, U.S.A.

Ronnie G. Morgan
Ronnie G. Morgan

State of Oklahoma)
) ss
County of Stephens)

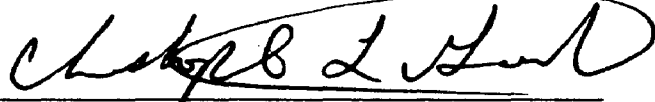
Before me personally appeared said Ronnie G. Morgan and acknowledged the foregoing
instrument to be his free act and deed this 24th day of October, 2006.

Seal



Sheila Gibbs
(Notary)

Executed this 25th day of October 2006, at Duncan, Stephens County, Oklahoma, U.S.A.



Christopher L. Gordon

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said Christopher L. Gordon and acknowledged the foregoing instrument to be his free act and deed this 25th day of October, 2006.

Seal



SHEILA D. GIBBS
Stephens County
Notary Public in and for
State of Oklahoma
Commission # 00014119 Expires 10/3/08



(Notary)

Executed this 26th day of October 2006, at Duncan, Stephens County, Oklahoma, U.S.A.



Melissa G. Allin

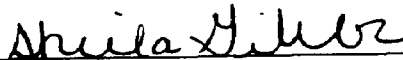
State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said Melissa G. Allin and acknowledged the foregoing instrument to be his free act and deed this 26th day of October, 2006.

Seal



SHEILA D. GIBBS
Stephens County
Notary Public in and for
State of Oklahoma
Commission # 00014119 Expires 10/3/08



(Notary)

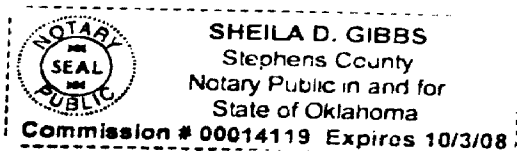
Executed this 25th day of October 2006, at Duncan, Stephens County, Oklahoma, U.S.A.

Mark R. Savery
Mark. R. Savery

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said Mark R. Savery and acknowledged the foregoing instrument to be his free act and deed this 25th day of October, 2006.

Seal



Sheila D. Gibbs
(Notary)

Executed this 20th day of October 2006, at New Orleans, Orleans Parish, Louisiana, U.S.A.

Renee Manuel
Renee Manuel

State of Louisiana)
) ss
Parish of Orleans)

Before me personally appeared said Renee Manuel and acknowledged the foregoing instrument to be his free act and deed this 20th day of October, 2006.

Seal

Charles R. Lane #8006
(Notary) CHARLES R. LANE

Executed this 20th day of October 2006, at New Orleans, Orleans Parish, Louisiana, U.S.A.



Robert Bates

State of Louisiana)
) ss
Parish of Orleans)

Before me personally appeared said Robert Bates and acknowledged the foregoing instrument to be his free act and deed this _____ day of October, 2006.

Seal

 #8006

(Notary) CHARLES R. LAVE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUL 19 AM 11:17

Mail Stop Assignment Recordation Services
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

FINANCE SECTION

CORRECTION OF RECORDED COVER SHEET ERROR(S) (37 C.F.R. 3.34)

NOTE (HAND CARRIED): "Assignments may be hand carried to the Office of Public Records Customer Service Window on the 2nd floor of the South Tower building, 2900 Crystal Drive, Arlington VA 22202." See "Updated Lists of Exceptions to the Centralized Delivery and Facsimile Transmission Policy for Patent Related Correspondence," September 19, 2005; 1299 OG 98, October 18, 2005, Exceptions for Certain Hand Carried Correspondence, item 3.

NOTE (FACSIMILE): "Assignments or other documents affecting title: 571 273 0140 facsimile number
"Note: Customers may submit documents directly into the automated Patent and Trademark Assignment System and receive the resulting recordation notice at their facsimile machine. (Assignment documents submitted through the Electronic Patent Assignment System also permits the recordation notice to be faxed to customers.) Credit card payments to record assignment documents are now accepted, and use of the Credit Card form (PTO 2038) is required for the credit card information to be separated from the assignment records. Only documents with an identified patent application or patent number, a single cover sheet to record a single type of transaction, and the fee paid by an authorization to charge a USPTO deposit account or credit card may be submitted via facsimile. Please refer to the USPTO Web Site, at <http://www.uspto.gov/web/offices/ac/ido/opr/ptasfax.pdf> for more information regarding the submission of assignment documents via facsimile.
"Assignment Branch telephone number for assistance: 571 272 3350"
See "Updated Lists of Exceptions to the Centralized Delivery and Facsimile Transmission Policy for Patent Related Correspondence," September 19, 2005; 1299 OG 98, October 18, 2005, Exceptions for Certain Facsimile Transmitted Correspondence, item 5.

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10*

(When using Express Mail, the Express Mail label number is mandatory;
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

- ☒ deposited with the United States Postal Service in an envelope addressed to the Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450
37 C.F.R. § 1.8(a) 37 C.F.R. § 1.10*
☒ with sufficient postage as first class mail. ☐ as "Express Mail Post Office to Addressee"
Mailing Label No. _____ (mandatory)

TRANSMISSION

- ☐ transmitted by facsimile to the Patent and Trademark Office, (571) 273-0140.


Signature

Lindsie Townsend

(type or print name of person certifying)

*WARNING: Each paper or fee filed by Express Mail **must** have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).
"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will **not** be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Correction of Recorded Cover Sheet Error(s) [16-8]—page 1 of 2)

PATENT

REEL: 019594 FRAME: 0174

1. Applicant has noted an error in the cover sheet for the assignment(s) (document(s)) previously recorded on 10/31/2006
Date of recordal

Reel 018478 Frame 0747

2. Attached hereto is:

- ☐ the originally recorded document.
☒ a copy of the originally recorded document.

3. Also attached hereto is a corrected cover sheet for recordation.

4. The error in the originally recorded cover sheet is apparent when that cover sheet is compared with the recorded document because:

In box 4 of the Recordation Form Cover Sheet, the Application Number should be 11/742,430.

5. The recording fee is shown in the corrected cover sheet filed herewith. Payment of this recording fee is in the manner set forth in the corrected cover sheet.

NOTE: "A fee is required for each application, patent and registration against which the document is recorded as identified in the cover sheet." 37 CFR 3.41


SIGNATURE OF PRACTITIONER

Craig W. Roddy
(type or print name of practitioner)

Reg. No.: 36,256

Tel. No.: (580) 251-3012

PO Box 1431
P.O. Address

Customer No.: 28857

Duncan, OK 73533-0440