

U.S. PTO
11/899299
09/05/2007

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

09-13-2007

RE



To the Director of the U.S. Patent and Trademark Office

103444795

Documents or the new address(es) below.

1. Name of conveying party(ies)

Billy F. Slabaugh (8/30/07) Max L. Phillippi (9/4/07)
Arron L. Karcher (8/28/07) Donna L. Harris (8/28/07)
Michael J.R. Segura (8/30/07)
Randy S. Rosine (8/29/07)

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

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

Execution Date(s) See above

- ☒ 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: USA

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)

B. Patent No.(s)

11/899299

Additional numbers attached? ☐ Yes ☒ No

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

Name: Robert A. Kent

Internal Address: Halliburton Energy Services, Inc.

Street Address: 2600 S. 2nd Street

City: Duncan

State: OK Zip: 73536-0440

Phone Number: 580-251-3125

Fax Number: 580-251-3917

Email Address: Tammy.Knight@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:

00000034 080300

11/899299

Signature

Date

9-5-2007

40.00 DA

Robert A. Kent

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

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

PATENT
REEL: 019840 FRAME: 0810

ASSIGNMENT

Whereas, I/We, **Billy F. Slabaugh, Arron L. Karcher, Michael J.R. Segura, Randy S. Rosine and Max L. Phillippi** all of Stephens County, Duncan, Oklahoma, and **Donna L. Harris** of Comanche County, Lawton, Oklahoma, have invented **"Mobile Systems and Methods of Sufficiently Treating Water so that the Treated Water may be Utilized in Well-Treatment Operations"** for which I 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, in consideration of the sum of ten dollars (\$10.00) and other 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 first executed on August 28, 2007, submitted concurrently herewith, 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 30 day of August, 2007, at Duncan, Stephens County, Oklahoma
U.S.A.

Billy F. Slabaugh
Signature

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said **Billy F. Slabaugh** and acknowledged the foregoing
instrument to be his free act and deed this 30th day of August, 2007.

Seal
2-13-2010

Jammy Knight
(Notary Public)
#02002595

Executed this 28 day of August, 2007, at Duncan, Stephens County, Oklahoma
U.S.A.

A. K. L.
Signature

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said **Arron L. Karcher** and acknowledged the foregoing
instrument to be his free act and deed this 28th day of August, 2007.

Seal
2-13-2010

Jammy Knight
(Notary Public)
#02002595

Executed this 30 day of August, 2007, at Duncan, Stephens County, Oklahoma
U.S.A.

Michael J.R. Segura
Signature

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said **Michael J.R. Segura** and acknowledged the foregoing
instrument to be his free act and deed this 30th day of August, 2007.

Seal
2-13-2010

Sammy Knight
(Notary Public)
#02002595

Executed this 29th day of August, 2007, at Duncan, Stephens County, Oklahoma
U.S.A.

Randy S. Rosine
Signature

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said **Randy S. Rosine** and acknowledged the foregoing
instrument to be his free act and deed this 29th day of August, 2007.

Seal
2-13-2010

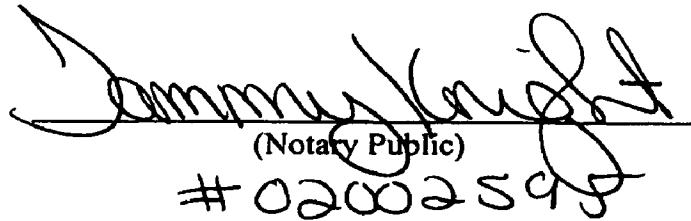
Sammy Knight
(Notary Public)
#02002595

Executed this 4 day of Sept, 2007, at Duncan, Stephens County, Oklahoma
U.S.A.


Signature

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said **Max L. Phillippi** and acknowledged the foregoing
instrument to be his free act and deed this 4th day of Sept., 2007.


(Notary Public)
#02002595

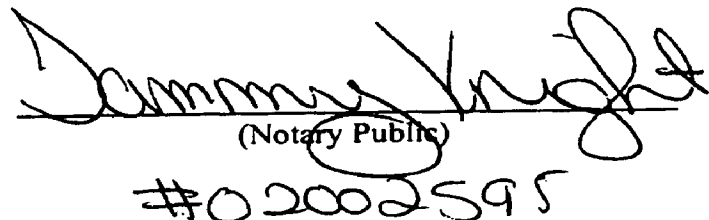
Seal
2-13-2010

Executed this 28 day of Aug, 2007, at Duncan, Stephens County, Oklahoma
U.S.A.


Signature

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said **Donna L. Harris** and acknowledged the foregoing
instrument to be his free act and deed this 28th day of August, 2007.


(Notary Public)
#02002595

Seal
2-13-2010

ASSIGNMENT

Whereas, I/We, **Billy F. Slabaugh, Arron L. Karcher, Michael J.R. Segura, Randy S. Rosine and Max L. Phillippi** all of Stephens County, Duncan, Oklahoma, and **Donna L. Harris** of Comanche County, Lawton, Oklahoma, have invented **"Mobile Systems and Methods of Sufficiently Treating Water so that the Treated Water may be Utilized in Well-Treatment Operations"** for which I 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, in consideration of the sum of ten dollars (\$10.00) and other 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 first executed on August 28, 2007, submitted concurrently herewith, 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 30 day of August, 2007, at Duncan, Stephens County, Oklahoma
U.S.A.

Billy F Slabaugh
Signature

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said **Billy F. Slabaugh** and acknowledged the foregoing
instrument to be his free act and deed this 30th day of August, 2007.

Seal
2-13-2010

Jammy Knight
(Notary Public)
#02002595

Executed this 28 day of August, 2007, at Duncan, Stephens County, Oklahoma
U.S.A.

A Karcher
Signature

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said **Arron L. Karcher** and acknowledged the foregoing
instrument to be his free act and deed this 28th day of August, 2007.

Seal
2-13-2010

Jammy Knight
(Notary Public)
#02002595

Executed this 30 day of AUGUST, 2007, at Duncan, Stephens County, Oklahoma
U.S.A.

Michael J.R. Segura
Signature

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said **Michael J.R. Segura** and acknowledged the foregoing
instrument to be his free act and deed this 30th day of August, 2007.

Seal
2-13-2010

Sammy Knight
(Notary Public)
#02002595

Executed this 29TH day of August, 2007, at Duncan, Stephens County, Oklahoma
U.S.A.

Randy S. Rosine
Signature

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said **Randy S. Rosine** and acknowledged the foregoing
instrument to be his free act and deed this 29th day of August, 2007.

Seal
2-13-2010

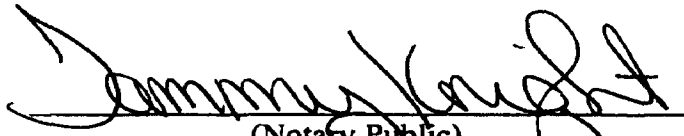
Sammy Knight
(Notary Public)
#02002595

Executed this 4 day of Sept., 2007, at Duncan, Stephens County, Oklahoma
U.S.A.


Signature

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said **Max L. Phillippi** and acknowledged the foregoing
instrument to be his free act and deed this 4th day of Sept., 2007.


(Notary Public)
#02002595

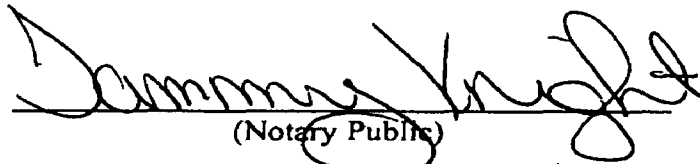
Seal
2-13-2010

Executed this 28 day of Aug., 2007, at Duncan, Stephens County, Oklahoma
U.S.A.


Signature

State of Oklahoma)
) ss
County of Stephens)

Before me personally appeared said **Donna L. Harris** and acknowledged the foregoing
instrument to be his free act and deed this 28th day of August, 2007.


(Notary Public)
#02002595

Seal
2-13-2010