

Form PTO-595 (Rev. 12-08)
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U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



HEET

To the Director of the U.S. Pat.

103544735

ed documents or the new address(es) below.

1. Name of conveying party(ies)

Jim B. Surjaatmadja
Loyd East

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

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

Execution Date(s) 01/07/2009

- ☒ 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 Boulevard

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)

B. Patent No.(s)

12/274,193

Additional numbers attached? ☐ Yes ☒ No

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

Name: John W. Wustenberg

Internal Address: Halliburton Energy Services, Inc.

Street Address: 2600 South Second

City: Duncan

State: OK Zip: 73533

Phone Number: 580-251-3782

Fax Number: 580-251-3917

Email Address: John.Wustenberg@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 to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 08-0300

Authorized User Name Halliburton

9. Signature:

Signature
John W. Wustenberg
Name of Person Signing

01/22/2009 DEPT. OF COMMERCE 080300 12274193

01 FC:8021 40.00 US
Total number of pages including cover sheet, attachments, and documents: 4

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: 022165 FRAME: 0424

ASSIGNMENT

Whereas, I/We, Jim B. Surjaatmadja Stephens County OK, and Loyd East, Jr. of Houston TX have invented "APPARATUS AND METHOD FOR SERVICING A WELLBORE" 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, 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 12/274,193 filed on November 19, 2008 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.

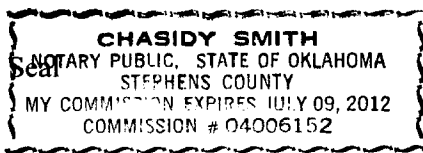
And I do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

Executed this 7th day of Jan, 2009, at Duncan OK

X [Signature]
Jim B. Surjaatmadja

STATE OF Oklahoma
COUNTY OF Stephens) ss

Before me personally appeared said Jim B. Surjaatmadja and acknowledged the foregoing instrument to be his free act and deed this 7th day of Jan, 2009



Chasidy Smith
(Notary)

Executed this 7 day of JAN, 2008, at Houston Oak Park

Loyd East, Jr.
Loyd East, Jr.

STATE OF Texas)
) ss
COUNTY OF Harris)

Before me personally appeared said Loyd East, Jr. and acknowledged the foregoing instrument to be his free act and deed this 7th day of Jan, 2008.

Seal

Lisa Fehrenbach
(Notary)

