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COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
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OMB No. 0651-0027 (exp. 5/31/2002)

## PATENTS ONLY

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Lance E. Brothers  
Krista L. Keener  
James A. Braden

12/3/01

2. Name and address of receiving party(ies)

Name: Halliburton Energy Services, Inc.

Internal Address: \_\_\_\_\_

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Street Address: 10200 Bellaire BoulevardCity: Houston State: TX Zip: 77072Execution Date: November 30, 2001 (Braden)  
December 3, 2001  
(Brothers; Keener)Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 11/ 30/01

A. Patent Application No.(s)

B. Patent No.(s)

10/005266

Additional numbers attached? ☐ Yes ☒ No

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

Name: Craig W. Roddy

Internal Address: \_\_\_\_\_

Halliburton Energy Services

Street Address: \_\_\_\_\_

2600 South Second StreetCity: Duncan State: OK Zip: 735366. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

08-0300

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Craig W. Roddy

Name of Person Signing

Signature

12-3-01

Date

Total number of pages including cover sheet, attachments, and documents: 4Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 2023112/19/2001 AWVED1 00000106 10005266  
01 FC:581 40.00 CHPATENT  
REEL: 012371 FRAME: 0198

**ASSIGNMENT**

Whereas, I/We, Lance E. Brothers of Grady County, Chickasha, Oklahoma; Krista L. Keener of Stephens County, Duncan, Oklahoma; have invented METHODS, WELL CEMENT COMPOSITIONS AND LIGHTWEIGHT ADDITIVES THEREFOR 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 November 30, 2001, 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 3rd day of December, 2001, at Duncan, Stephens County, Oklahoma U.S.A.

Lance E. Brothers

Lance E. Brothers

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

Before me personally appeared said Lance E. Brothers and acknowledged the foregoing instrument to be his free act and deed this 3rd day of December, 2001.

Seal

Sheila D. Gibbs

(Notary Public)

My Commission Expires: September 13, 2004

Executed this 3rd day of December, 2001, at Duncan, Stephens County, Oklahoma U.S.A.

Krista L. Keener

Krista L. Keener

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

Before me personally appeared said Krista L. Keener and acknowledged the foregoing instrument to be his free act and deed this 3rd day of December, 2001.

Seal

Sheila D. Gibbs

(Notary Public)

My Commission Expires: September 13, 2004

Executed this 30th day of ~~December~~, 2001, at Duncan, Stephens County, Oklahoma U.S.A.

[illegible]

Seal

Sheila D. Gibbs  
(Notary Public)

My Commission Expires: September 13, 2004