

FORM PTO-1619A  
Expires 08/30/99  
OMB 0651-0027

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

RECORDATION FORM COVER SHEET  
PATENTS ONLY

TO: The Director of the United States Patent and Trademark Office: Please record the attached original document(s) or copy(ies).

Submission Type

☐ New

☐ Resubmission (Non-Recordation)  
Document ID#

☒ Correction of PTO Error  
Reel #  012850 Frame #  0343

☐ Corrective Document  
Reel #  Frame #

Conveyance Type

☒ Assignment ☐ Security Agreement

☐ License ☐ Change of Name

☐ Merger ☐ Other

U.S. Government  
(For Use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1)  Robert J. Murphy, Jr.

Execution Date  
Month Day Year  
 05/17/2001

Second Party

Name (line 1)  Dale E. Jamison

Execution Date  
Month Day Year  
 05/18/2001

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1)  Halliburton Energy Services, Inc.

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)  10200 Bellaire Blvd.

Address (line 2)

Address (line 3)  Houston  Texas / U.S.A.  77072

City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS

OP \$40.00 6643276

FORM PTO-1619B

Expires 06/30/99  
OMB 0651-0027

Page 2

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

## Correspondent Name and Address

Area Code and Telephone Number

713 658 9323

Name Karen B. Tripp

Address (line 1) P.O. Box 1301

Address (line 2) Houston, Texas 77251-1301

Address (line 3) U.S.A.

Address (line 4)

## Pages

Enter the total number of pages of the attached conveyance document  
including any attachments.

# 3

## Application Number(s) or Patent Number(s)

☐ Mark If additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

			6,543,276		

If this document is being filed together with a new Patent Application, enter the date the patent application  
was

Month Day Year

## Patent Cooperation Treaty (PCT)

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT		PCT		PCT	
PCT		PCT		PCT	

## Number of Properties

Enter the total number of properties involved.

# 1

## Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

40.00

Method of Payment:

Enclosed ☐Deposit Account ☒

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the

Deposit Account Number:

# 50-0807

Authorization to charge additional fees:

Yes ☒No ☐

## 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. Charges to deposit account are authorized, as  
indicated herein.

Karen B. Tripp

Name of Person Signing

  
Signature

August 18, 2003

Date

PATENT  
REEL: 013887 FRAME: 0135

FORM PTO-1619C  
Expires 06/30/99  
OMB 0851-0027

**RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY**

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Brad Todd

Execution Date  
Month Day Year  
08/20/2001

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)



FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

05-06-2002  
102079137  
RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT  
OFFICE OF PUBLIC RECORDS  
2007 APR 22 PM 1:36  
FINANCE SECTION

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

☐ New

☒ Resubmission (Non-Recordation)  
Document ID# 102016957

☐ Correction of PTO Error  
Reel # Frame #

☐ Corrective Document  
Reel # Frame #

Conveyance Type

☒ Assignment

☐ License

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

U.S. Government  
(For Use ONLY by U.S. Government Agencies)  
☐ Departmental File ☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1) Robert J. Murphy, Jr.

Name (line 2)

Second Party Name (line 1) Dale E. Jamison

Name (line 2)

Execution Date  
Month Day Year  
05/17/2001

Execution Date  
Month Day Year  
05/18/2001

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Halliburton Energy Services, Inc.

Name (line 2)

Address (line 1) 10200 Bellaire Blvd.

Address (line 2)

Address (line 3) Houston Texas/ U.S.A. 77072

City State/Country Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

FORM PTO-1619B Expires 06/30/99 OMB 0851-0027		Page 2		U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent Name and Address			Area Code and Telephone Number		
Name Karen B. Tripp			713 658 9323		
Address (line 1) P.O. Box 1301					
Address (line 2) Houston, Texas 77251-1301					
Address (line 3)					
Address (line 4)					
Pages			Enter the total number of pages of the attached conveyance document including any attachments.		
			# 3		
Application Number(s) or Patent Number(s)			<input type="checkbox"/> Mark if additional numbers attached		
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).					
Patent Application Number(s)			Patent Number(s)		
09/861,362					
If this document is being filed together with a new Patent Application, enter the date the patent application was			Month Day Year		
Patent Cooperation Treaty (PCT)			PCT PCT PCT		
Enter PCT application number only if a U.S. Application Number has not been assigned.			PCT PCT PCT		
Number of Properties			Enter the total number of properties involved.		
			# 1		
Fee Amount			Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00		
Method of Payment:			Enclosed Deposit Account		
Deposit Account					
(Enter for payment by deposit account or if additional fees can be charged to the			Deposit Account Number: # 50-0807		
			Authorization to charge additional fees: Yes No		
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. Charges to deposit account are authorized, as indicated herein.					
Karen B. Tripp		Signature		04/22/2002	
Name of Person Signing				Date	

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

FORM PTO-1619C  
Expires 06/30/99  
OMB 0651-0027

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)	Brad Todd
Name (line 2)	
Name (line 1)	
Name (line 2)	
Name (line 1)	
Name (line 2)	

Execution Date	Month	Day	Year
	08	20	2001

Execution Date	Month	Day	Year

Execution Date	Month	Day	Year

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1)		
Name (line 2)		
Address (line 1)		
Address (line 2)		
Address (line 3)		
City	State/Country	Zip Code
Name (line 1)		
Name (line 2)		
Address (line 1)		
Address (line 2)		
Address (line 3)		
City	State/Country	Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)


Docket No. HES 2000-IP-001467  
(HALB:011)

### ASSIGNMENT

Whereas, I/We, Robert J. Murphy, Jr. of Kingwood, Texas, Dale E. Jamison of Humble, Texas, and Brad Todd of Duncan, Oklahoma, United States of America have invented OIL WELL BORE HOLE FILTER CAKE BREAKER FLUID TEST APPARATUS AND METHOD, 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 77072-5206 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 in May 2001, submitted concurrently herewith, and any divisional, continuing or reissue applications 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/We 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/We 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 17<sup>th</sup> day of May, 2001, at Houston, Harris County, Texas,  
U.S.A.

Robert J. Murphy, Jr.  
Signature  
ROBERT J. MURPHY, JR.

State of Texas )  
County of Harris ) ss

Before me personally appeared said ROBERT J. MURPHY, JR. and acknowledged the foregoing  
instrument to be his free act and deed this 17<sup>th</sup> day of May, 2001.

Seal



Deann Biles  
(Notary Public)

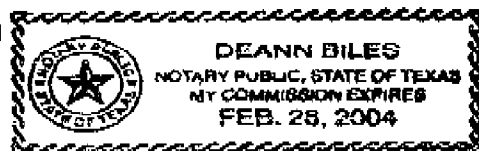
Executed this 18<sup>th</sup> day of May, 2001, at Houston, Harris County, Texas,  
U.S.A.

Dale E. Jamison  
Signature  
DALE E. JAMISON

State of Texas )  
County of Harris ) ss

Before me personally appeared said DALE E. JAMISON and acknowledged the foregoing  
instrument to be his free act and deed this 18<sup>th</sup> day of May, 2001.

Seal



Deann Biles  
(Notary Public)



Executed this 20 day of August, 2001, at Duncan, Stephens  
County, Oklahoma, U.S.A.

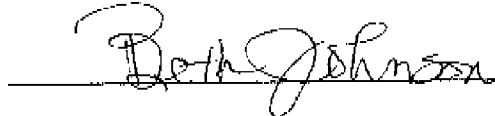


Signature  
BRAD TODD

State of Oklahoma     )  
County of Stephens    ) ss

Before me personally appeared said BRAD TODD and acknowledged the foregoing instrument  
to be his free act and deed this 20th day of August, 2001.

Seal



(Notary Public)

Commission Expires: 10/02/2004