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FORM PTO-1595  
(Rev. 6-93)

OMB No. 0651-0011 (exp. 09-01-02)

U.S. Department of Commerce  
Patent and Trademark Office

FINANCE SECTION

PATENTS ONLY

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

1. Name of conveying party(ies): Date  
Gregory H. Chitty 09-13-2002  
Jeffrey Charles Saponja 09-19-2002  
David Graham Hosie 10-10-2002  
*10/22/02*  
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other  
Execution Date: See above

2. Name and address of receiving party(ies):  
Name: Weatherford/Lamb, Inc.  
Internal Address: \_\_\_\_\_  
Street Address: 515 Post Oak Blvd.  
City: Houston State: TX Zip: 77027  
Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration number(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_ (Date of Filing)  
A. Patent Application No.(s) 10/192,784, filed July 10, 2002  
B. Patent No.(s) \_\_\_\_\_  
Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: William B. Patterson  
Internal Address: MOSEB, PATTERSON & SHERIDAN, L.L.P.  
Street Address: 3040 Post Oak Boulevard, Suite 1500  
City: Houston State: TX Zip: 77056

6. Total number of applications and patents involved: 1  
7. Total fee (37 C.F.R. 3.41): \$ 40.00  
☐ Enclosed  
☒ Authorized to be charged to deposit account  
20-0782/WEAT/0238/WBP  
8. Deposit account number:  
20-0782/WEAT/0238/WBP

## 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.

William B. Patterson, Reg. No. 34,102  
Name of Person Signing

*William B. Patterson*  
Signature

*15 October 2002*  
Date

Total number of pages including cover sheet, attachments and document: 2

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

10/24/2002 LMUELLER 00000012 200782 10192784

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J:\FORMS\272 (AUGUST 20, 1993)

PATENT  
REEL: 013408 FRAME: 0564

**ASSIGNMENT FOR APPLICATION FOR PATENT****WHEREAS:**

Names and Addresses  
of Inventors:

1)	Gergory H. Chitty 5218 Blossom, Unit B Houston, Texas 77007	2)	Jeffrey Charles Saponja 80 Church Ranches Blvd. Calgary, Alberta Canada T3R 1B1
3)	David Graham Hosie 63 Harbor View Drive Sugar Land, Texas 77479		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

**CLOSED LOOP MULTIPHASE UNDERBALANCED DRILLING PROCESS**

for which application for Letters Patent in the United States was filed on July 10, 2002; and

WHEREAS, Weatherford/Lamb, Inc., a corporation of the State of Delaware, having a place of business at 515 Post Oak Boulevard, Suite 600, Houston, Texas 77027 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

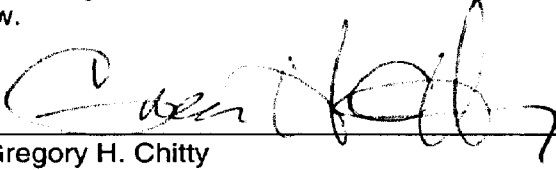
2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court

actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

- 1) SEPT 13, 2002   
Gregory H. Chitty
- 2) \_\_\_\_\_, 2002 \_\_\_\_\_  
Jeffrey Charles Saponja
- 3) \_\_\_\_\_, 2002 \_\_\_\_\_  
David Graham Hosie

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**ASSIGNMENT FOR APPLICATION FOR PATENT****WHEREAS:**

Names and Addresses  
of Inventors:

1)	Gergory H. Chitty 5218 Blossom, Unit B Houston, Texas 77007	2)	Jeffrey Charles Saponja 80 Church Ranches Blvd. Calgary, Alberta Canada T3R 1B1
3)	David Graham Hosie 63 Harbor View Drive Sugar Land, Texas 77479		

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2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court

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IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

- 1) \_\_\_\_\_, 2002 \_\_\_\_\_  
Gregory H. Chitty
- 2) Sept. 19, 2002, 2002 \_\_\_\_\_  
Jeffrey Charles Saponja
- 3) \_\_\_\_\_, 2002 \_\_\_\_\_  
David Graham Hosie

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**ASSIGNMENT FOR APPLICATION FOR PATENT**

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Names and Addresses  
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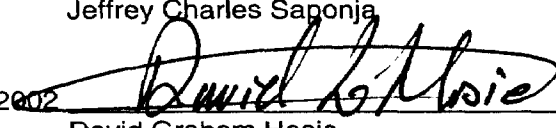
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1) \_\_\_\_\_, 2002 \_\_\_\_\_  
Gregory H. Chitty

2) \_\_\_\_\_, 2002 \_\_\_\_\_  
Jeffrey Charles Saponja

3) 10/10, 2002  \_\_\_\_\_  
David Graham Hosie

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