

05-14-2001

Docket No.: WEAT/000A

FORM PTO-1595 (Modified)  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)  
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P08/REV02

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



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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):  
**Astec Developments Limited**  
**Unit 1B, Campus 3**  
**Science & Technology Park, Bridge of Don**  
**Aberdeen AB22 8GW, Scotland, U.K.**

Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):

Name: Weatherford / Lamb, Inc.

Internal Address: RECEIVED  
MAY - 7 2001

Street Address: 515 Post Oak Blvd., Suite 600

City: Houston State: TX ZIP: 77027

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: January 22, 2001

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 05/11/2001 UNPELLER 00000177 200782 5649603  
01 PC:5A1 60.00 CH

B. Patent No.(s)  
U.S. Patent Nos.  
5,649,603  
5,606,132

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: Thomason, Moser & Patterson, LLP

Street Address: 3040 Post Oak Blvd., Suite 1500

City: Houston State: TX ZIP: 77056

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 3.41):.....\$ 80.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
 Authorized to be charged to deposit account

8. Deposit account number:  
20-0782/WEAT/000A/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.*

W. Bruce Patterson *William B. Patterson* 3 May 2001  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 4

**PATENT ASSIGNMENT**

WHEREAS, Astec Developments Limited, a corporation duly organized and existing under and by virtue of the laws of Scotland, England, and having a principal place of business at Unit 1B, Campus 3, Science & Technology Park, Bridge of Don, Aberdeen AB22 8GW, Scotland, England (herein called "Assignor"), is the owner of certain new and useful Inventions (herein "Inventions") and improvement(s) listed on the attached Schedule;

WHEREAS, Weatherford/Lamb, Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, and having a principal place of business at 515 Post Oak Boulevard, Suite 600, Houston, Texas 77027 (herein called "Assignee"), is desirous of acquiring and Assignor is desirous of assigning to Assignee all right, title and interest in and to said Inventions, improvements and any patent and patent application thereon listed on the attached Schedule; and

NOW THEREFORE, Assignor, for and in consideration of (i) One Dollar (\$1.00) cash in hand paid to it, (ii) the Assignee execute and deliver the Letter Agreement, and (iii) for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby SELL, ASSIGN and CONVEY unto Assignee all its right, title, and interest throughout the world in and to:

1. Said Invention and improvements listed on the attached Schedule; and
2. Said United States of America patent applications listed on the attached Schedule;
3. All rights of action on account of past, present and future unauthorized use of said Invention and for infringement of said patents and like protection;
4. The right to Assignee to file in its name applications for patents and like protection for said Inventions in any country or countries foreign to the United States; and
5. All international rights or priority associated with said Inventions, applications, patents and the like protection.

Assignor covenants that Assignor, its heirs, legal representatives, assigns, administrators, and executors will, at the expense of Assignee, its successors and assigns,

execute all papers and perform such other acts as may be reasonably necessary to give Assignee, its successors and assigns, the full benefit of this Assignment.

The U.S. Commissioner of Patents and Trademarks is hereby requested to issue U.S. Letters Patent in accordance with this Assignment.

EXECUTED on the date indicated below opposite my signature.

**ASTEC DEVELOPMENTS LIMITED**

X 22/01/01  
Date

By: M.A.C. Simpson X

Title: Managing Director X

**SCHEDULE**

**Issued Patents:**

U.S. Patent No. 5,649,603; Entitled: "Downhole Tools Having a Circumferentially Spaced Rolling Elements"; Issued: July 22, 1997.

U.S. Patent No. 5,606,132; Entitled "Strain Indicator Using an Optical Indicator Means"; Issued: February 25, 1997.

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