
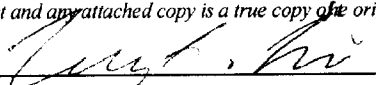
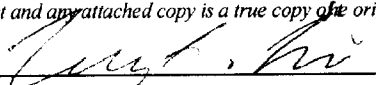
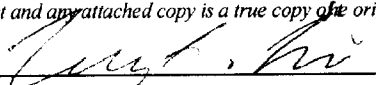
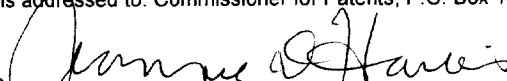


FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)		06-12-2003 		U.S. Department of Commerce Patent and Trademark Office					
To the Honorable Comr		102471382		Current or copy thereof.					
1. Name of conveying party(ies): Trevor MacDougall Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: 05/23/03			2. Name and address of receiving party(ies): Name: Weatherford/Lamb, Inc. Internal Address: Street Address: 515 Post Oak Boulevard Suite 600 City: Houston State: TX Zip: 77027 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: 05/23/03 ("An Optical Sensor Using a Long Period Grating Suitable for Dynamic Interrogation") <table style="width: 100%;"> <tr> <td style="width: 50%;">A. Patent Application No.(s):</td> <td style="width: 50%;">B. Patent No.(s): 10454101</td> </tr> </table> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						A. Patent Application No.(s):	B. Patent No.(s): 10454101		
A. Patent Application No.(s):	B. Patent No.(s): 10454101								
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Terril G. Lewis Howrey Simon Arnold & White, LLP 750 Bering Drive City: Houston State: Texas Zip: 77057-2198			6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 C.F.R. 3.41)----- \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account if check insufficient or inadvertently omitted 8. Deposit account number: <u>01-2508/WEAF198</u> (Attach duplicate copy of this page if paying by deposit account)						
DO NOT USE THIS SPACE									
9. Statement and signature. <i>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.</i> <table style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;"> Terril G. Lewis </td> <td style="width: 50%; text-align: center;">  </td> </tr> <tr> <td style="text-align: center;">Name of Person Signing, Reg. No. 46,065</td> <td style="text-align: center;">Signature</td> </tr> </table> <div style="text-align: right; margin-top: -20px;"> Date: 6-2-03 </div>						Terril G. Lewis		Name of Person Signing, Reg. No. 46,065	Signature
Terril G. Lewis									
Name of Person Signing, Reg. No. 46,065	Signature								
Total number of pages including cover sheet, attachments and documents: <u>3</u>									

CERTIFICATE OF EXPRESS MAIL	
NUMBER EV318621255US	DATE OF DEPOSIT 6/2/03
I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria VA, 22313-1450.	
	

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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Trevor MacDougall Address:		
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(hereinafter referred to as Assignor), has invented a certain invention entitled:

AN OPTICAL SENSOR USING A LONG PERIOD GRATING SUITABLE FOR DYNAMIC INTERROGATION

for which application for Letters Patent in the United States will be filed; 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 Assignor, 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 Assignor to have been received in full from said Assignee:

1. Said Assignor hereby sells, assigns, transfers and conveys 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 (including Continuations-in-Part) of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignor hereby covenants and agrees 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 Assignor 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

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actions; provided, however, that the expense incurred by said Assignor 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 Assignor, his respective heirs, legal representatives and assigns.

4. Said Assignor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

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

1) MAY 23, 2003



TREVOR McDOUGALL

RECEIVED TIME MAY.30. 10:41AM