	2006United State	S. Department of COMMERO s Patent and Trademark Office
	ET	
To the Director of the U.S. Patents 103165		ess(es) below.
Name of conveying party(ies): Domino Taverner	2. Name and address of receiving party	(ies)
Trevor MacDougall	Name: Weatherford/Lamb, Inc.	<u>o</u>
Additional name of conveying party(ies) attached? ☐ Yes ☒ No	Internal Address: Suite 600	U.S. P. 333044
3. Nature of conveyance:	Street Address: 515 Post Oak Blvd.	1,56 <u>6</u>
Execution Date(s) 12/22/05; 1/10/06		- =
	City: Houston	
☐ Security Agreement ☐ Change of Name	State: Texas	
Government Interest Assignment		p <u>: 77027</u>
Executive Order 9424, Confirmatory License	21	P <u></u>
Other	Additional Name(s) & address(es) attached	l? ☐ Yes ☒ No
06 DBYRNE 00000277 200782 11333044 21 40.00 DA Additional numbers atta	ached? □ Yes ☒ No	
F. Name and address for the first first for the first first for the first first first first for the first fi	100 2 10	
5. Name and address of party to whom correspondence concerning this document should be mailed:	Total number of applications and patent involved: 1	ts
Name and address of party to whom correspondence concerning this document should be mailed: Name: William B. Patterson	6. Total number of applications and patent	\$ 40.00
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concerning this document should be mailed: Name: William B. Patterson	6. Total number of applications and patent involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41)	\$ <u>40.00</u>
Name: William B. Patterson Internal Address: Patterson & Sheridan, LLP	6. Total number of applications and patent involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) Authorized to be charged by credit call.	\$ <u>40.00</u>
Concerning this document should be mailed: Name: William B. Patterson Internal Address: Patterson & Sheridan, LLP Suite 1500 Street Address: 3040 Post Oak Blvd.	6. Total number of applications and patent involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) Authorized to be charged by credit call. Authorized to be charged to deposit and applications.	\$ <u>40.00</u> ard account
Name: William B. Patterson Internal Address: Patterson & Sheridan, LLP Suite 1500	6. Total number of applications and patent involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) Authorized to be charged by credit case Authorized to be charged to deposit as Enclosed None required (government interest recommendations)	\$ <u>40.00</u> ard account
City: Houston Concerning this document should be mailed: Name: William B. Patterson Internal Address: Patterson & Sheridan, LLP Suite 1500 Street Address: 3040 Post Oak Blvd. City: Houston State: Texas Zip: 77056-6582	6. Total number of applications and patent involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) Authorized to be charged by credit case. Authorized to be charged to deposit as Enclosed. None required (government interest research) 8. Payment Information.	\$ 40.00 ard account not affecting title)
Concerning this document should be mailed: Name: William B. Patterson Internal Address: Patterson & Sheridan, LLP Suite 1500 Street Address: 3040 Post Oak Blvd. City: Houston State: Texas Zip: 77056-6582 Phone Number: 713.623.4844	6. Total number of applications and patent involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) Authorized to be charged by credit case Authorized to be charged to deposit as Enclosed None required (government interest recommendations)	\$ 40.00 ard account not affecting title)
City: Houston State: Texas Zip: 77056-6582 Phone Number: 713.623.4846 Name: William B. Patterson Sheridan. LLP Suite 1500 Street Address: 3040 Post Oak Blvd. Zip: 77056-6582	6. Total number of applications and patent involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) Authorized to be charged by credit cate Authorized to be charged to deposit at Enclosed None required (government interest researched) 8. Payment Information a. Credit Card Last 4 Numbers	\$ 40.00 ard account not affecting title)
Concerning this document should be mailed: Name: William B. Patterson Internal Address: Patterson & Sheridan, LLP Suite 1500 Street Address: 3040 Post Oak Blvd. City: Houston State: Texas Zip: 77056-6582 Phone Number: 713.623.4844	6. Total number of applications and patent involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) Authorized to be charged by credit case. Authorized to be charged to deposit as the control of the charged involved in the charged in the charged in the charged involved in the charged in the charged in the charged involved	\$ 40.00 ard account not affecting title)
Concerning this document should be mailed: Name: William B. Patterson Internal Address: Patterson & Sheridan, LLP Suite 1500 Street Address: 3040 Post Oak Blvd. City: Houston State; Texas Zip: 77056-6582 Phone Number: 713.623.4844 Fax Number: 713.623.4846	6. Total number of applications and patent involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) Authorized to be charged by credit cate Authorized to be charged to deposit at Enclosed None required (government interest researched) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 20-0782/WE Authorized User Name Randol W. Rear	\$ 40.00 and account not affecting title)
Concerning this document should be mailed: Name: William B. Patterson Internal Address: Patterson & Sheridan. LLP Suite 1500 Street Address: 3040 Post Oak Blvd. City: Houston State: Texas Zip: 77056-6582 Phone Number: 713.623.4844 Fax Number: 713.623.4846 Email Address: bpatterson@pattersonsheridan.com	6. Total number of applications and patent involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) Authorized to be charged by credit cate Authorized to be charged to deposit at Enclosed None required (government interest researched) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 20-0782/WE Authorized User Name Randol W. Rearched)	\$ 40.00 ard account not affecting title) EAT/0672/RWR d / 17, 2006 ate uding cover

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

Atty. Dkt. No. WEAT/0672

ASSIGNMENT FOR APPLICATION FOR PATENT

	WHEREAS:			
	es and Addresses ventors:		•	
1)	DOMINO TAVERNER 810 North Swinton Avenue Delray Beach, FL 33444	2)	TREVOR MACDOUGALL 32 Elaine Drive Simsbury, CT 06070	
	(hereinafter referred to as Assignors), have it	nvent	ed a certain invention entitled:	
	CORRECTED DTS MEASUREMENT	S BA	SED ON RAMAN-STOKES SIGNALS	
\boxtimes	for which application for Letters Patent in the United States is filed herewith;			
	for which application for Letters Patent in the United States was filed on, under Serial No;			
	I/we hereby authorize and request our attorneys, Patterson & Sheridan of 3040 Post Oak Boulevard, Suite 1500, Houston, Texas 77056, to insert here in parentheses (Application number and Confirmation number, filed) the filing date and application number of said application when known;			
and				
Assig (herei Inveni by sa	WHEREAS, Weatherford/Lamb, Inc., a corponess at 515 Post Oak Boulevard, Suite 600, Inc., is desirous of acquiring the entire riginafter referred to as Application), and the invention), and in and to all embodiments of the Invention (hereinafter referred to as Patents) thereofines.	loustont, titiention ntion ention tents,	en, Texas 77027 (hereinafter referred to as le and interest in and to said application disclosed therein (hereinafter referred to as heretofore conceived, made or discovered inventor's certificates and other forms of	
said A	NOW, THEREFORE, in consideration of go Assignors to have been received in full from said	od ar I Assi	nd valuable consideration acknowledged by gnee:	
	1. Said Assignors hereby sell, assign	, tran	sfer and convey to Assignee the full and	

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 WEAT-0672 Assignment

extension of any of said Patents.

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

PATENT REEL: 017467 FRAME: 0827

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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) 22 DECEMBER 2005

DOMINO TAVERNĖR...

Atty. Dkt. No. WEAT/0672

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) DOMINO TAVERNER

2) 10, 2006, 2006

TREVOR MACROUGAL

WEAT-0672 Assignment

RECORDED: 01/17/2006

PATENT REEL: 017467 FRAME: 0829