

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JIM A. GRAU	03/24/2011
MARKUS BERHEIDE	03/24/2011
CHRISTIAN STOLLER	03/16/2011
BRAD ROSCOE	03/14/2011
JAMES THORNTON	03/14/2011
RECEIVING PARTY DATA	
Name:	SCHLUMBERGER TECHNOLOGY CORPORATION
Street Address:	300 SCHLUMBERGER DRIVE
City:	SUGAR LAND
State/Country:	TEXAS
Postal Code:	77478
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12996533
CORRESPONDENCE DATA	
Fax Number:	(281)285-8821
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	281-285-8500
Email:	HFE-IP@exchange.slb.com
Correspondent Name:	SCHLUMBERGER OILFIELD SERVICES
Address Line 1:	200 GILLINGHAM LANE
Address Line 2:	MD 200-9
Address Line 4:	SUGAR LAND, TEXAS 77478
ATTORNEY DOCKET NUMBER:	20.3140
NAME OF SUBMITTER:	DARLA FONSECA

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PATENT
REEL: 026049 FRAME: 0674

Total Attachments: 7

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Assignment

WHEREAS, the undersigned inventors hereinafter referred to as the "Inventors" each said Inventor's address being listed below:

Jim A. Grau, a citizen of the U.S.A., residing at 130 Pokanoket Lane, Marshfield, MA 02050 USA

Markus Berheide, a citizen of Germany, residing at 16 Pilgram Road, Medford, MA 02155 USA

Christian Stoller, a citizen of the U.S.A., residing at 42 Warwick Road, Princeton Junction, New Jersey 08550 USA

Brad Roscoe, a citizen of the U.S.A., residing at 4 Canal Park, # 408, Cambridge, MA 02142 USA

James Thornton, a citizen of the U.S.A., residing at 180 Oak Creek Road, East Windsor, NJ 08520 USA

Has/have invented certain new and useful improvements in

ABSOLUTE ELEMENTAL CONCENTRATIONS FROM NUCLEAR SPECTROSCOPY

as described and set forth in a United States Provisional Patent Application filed on 29-06-2009 under Serial Number PCT/US09/49070, and an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on 29 Jun 2009, Serial No. 12/996533, (**Docket No. 20.3140-US-PCT**). This assignment is effective as of **29-06-2009**.

AND WHEREAS, the "**COMPANIES**", listed in **Schedule A**, are desirous of acquiring or confirming their acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore **as outlined in Schedule A**;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned Inventors, for good and valuable considerations, the receipt and sufficiency of which hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANIES, their successors and assigns, the entire right, title and interest throughout the world, in and to the above-described invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or

continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements,

TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said **COMPANIES**, their successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said **COMPANIES**, their successors and assigns.

AND said Inventors do hereby covenant and warrant that said Inventors have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that no said Inventors has executed and will execute any instruments in conflict herewith.

AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said **COMPANIES**, their successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said **COMPANIES**, their successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said **COMPANIES**, their successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

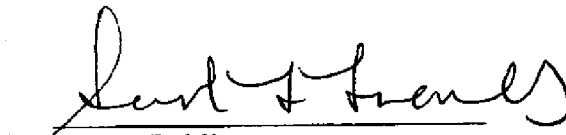
IN WITNESS WHEREOF I, **Jim A. Grau**, have hereunto set my hand and seal this
24 day of March, 2011.


(Signature of Inventor)

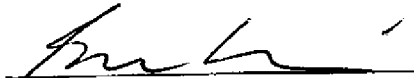
STATE OF Massachusetts
COUNTY OF Middlesex

BEFORE ME this 24 day of March, 2011, personally appeared **Jim A. Grau**,
to me known to be the person who is described in and who executed the foregoing assignment
instrument and acknowledged to me that he executed the same of his own free will for the
purpose therein expressed.

Seal


Notary Public

IN WITNESS WHEREOF I, **Markus Berheide**, have hereunto set my hand and seal this
24 day of March, 2011.

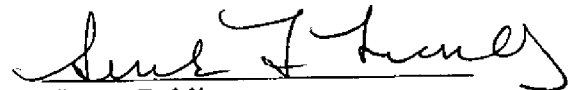

(Signature of Inventor)

STATE OF Massachusetts

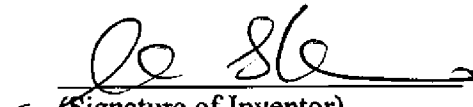
COUNTY OF Middlesex

BEFORE ME this 24 day of March, 2011, personally appeared **Markus Berheide**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Seal


Notary Public

IN WITNESS WHEREOF I, **Christian Stoller**, have hereunto set my hand and seal this
16 day of March, 2011.


(Signature of Inventor)

STATE OF New Jersey
COUNTY OF Mercer

BEFORE ME this 16th day of March, 2011, personally appeared **Christian Stoller**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Seal


Notary Public

Margaret Spells
I.D. 2248953
Notary Public of New Jersey
My Commission Expires April 17, 2015

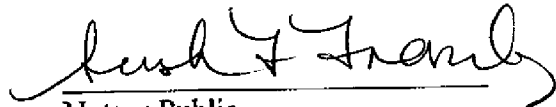
IN WITNESS WHEREOF I, **Brad Roscoe**, have hereunto set my hand and seal this
14 day of MARCH, 2011.



(Signature of Inventor)

~~STATE OF~~ Commonwealth of Mass
COUNTY OF Middlesex

BEFORE ME this 14 day of March, 2011, personally appeared **Brad Roscoe**,
to me known to be the person who is described in and who executed the foregoing assignment
instrument and acknowledged to me that he executed the same of his own free will for the
purpose therein expressed.

Seal


Notary Public

 SUSANNAH E. FERNANDEZ
Notary Public
Commonwealth of Massachusetts
My Commission Expires
February 11, 2018

IN WITNESS WHEREOF I, **James Thornton**, have hereunto set my hand and seal this 14th day of March, 2011.

James Thornton
(Signature of Inventor)

STATE OF New Jersey
COUNTY OF Mercer

BEFORE ME this 14th day of March, 2011, personally appeared **James Thornton**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Seal

Margaret Spells
Notary Public

Margaret Spells
I.D. 2248953
Notary Public of New Jersey
My Commission Expires April 17, 2015