## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Leiming Li	03/26/2009
Lijun Lin	03/26/2009
Chucks I. Ezeokonkwo	05/01/2009
Curtis L. Boney	03/30/2009
Paul R. Howard	03/26/2009
Sudhir Shenoy	05/05/2009
Baudel William Quintero	03/26/2009
Ksenia Eliseeva	03/26/2009

#### **RECEIVING PARTY DATA**

Name:	Schlumberger Technology Corporation
Street Address:	110 Schlumberger Drive
City:	Sugar Land
State/Country:	TEXAS
Postal Code:	77478

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12410160

# **CORRESPONDENCE DATA**

(281)285-8569 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

281-285-4925 Phone:

Email: KYzaguirre@sugar-land.oilfield.slb.com

Correspondent Name: Rachel E. Greene

Address Line 1: 110 Schlumberger Dr., MD-1 Address Line 4: Sugar Land, TEXAS 77478

**REEL: 022688 FRAME: 0665** 

**PATENT** 500860964

ATTORNEY DOCKET NUMBER:	56.1222				
NAME OF SUBMITTER:	Rachel E. Greene				
Total Attachments: 9					
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## ASSIGNMENT

WHEREAS, we,

Leiming Li, a citizen of China, whose post office address is 1715 Heddon Falls Dr., Sugar Land, Texas 77479, U.S.A.;

**Lijun Lin,** a citizen of China, whose post office address is 1715 Heddon Falls Dr., Sugar Land, Texas 77479, U.S.A.;

Chucks I. Ezeokonkwo, a citizen of the United States of America, whose post office address is 508 Carver, Sonora, Texas 76950; U.S.A.;

Curtis L. Boney, a citizen of the United States of America, whose post office address is 14918 Chadbourne, Houston, Texas 77079, U.S.A.

Paul R. Howard, a citizen of the United States of America, whose post office address is 4106 Sleepy Cove Ct., Sugar Land, Texas 77479, U.S.A.;

Sudhir Shenoy, a citizen of India, whose post office address is 9602-72 Avenue #121, Clairmont, Alberta, Canada T0H 0W0;

Baudel William Quintero, a citizen of the United States of America, whose post office address is 503 Meadow Bend Dr., Friendswood, Texas 77546, U.S.A.; and

Ksenia Eliseeva, a citizen of the Russian Federation, whose post office address is 4314 Hialeah Park Lane, Bakersfield, California 93312, U.S.A.

hereinafter referred to as the "Inventors" have invented certain new and useful improvements in

#### FRACTURING FLUIDS PREPARED WITH TREATED PRODUCED WATER

for which we have described and set forth in an application for Letters Patent of the United States of America:

of which an application for a United States patent was executed on March 24, 2009, under Docket Number 56.1222 and assigned Serial Number 12/410160.

WHEREAS, Schlumberger Technology Corporation, hereinafter referred to as the "said COMPANY", a corporation duly organized, incorporated and existing under the laws of the State of Texas and having a place of business at 110 Schlumberger Drive, Sugar Land, Texas 77478 is desirous of acquiring or confirming its 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;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we the Inventors, for good and valuable considerations, the receipt and sufficiency of which we hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to the 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 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 WE 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 COMPANY, its 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 COMPANY, its successors and assigns;

AND WE DO HEREBY COVENANT AND WARRANT that we 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 we have not executed and will not execute any instruments in conflict herewith;

AND WE, FOR THE CONDITIONS AFORESAID, DO HEREBY COVENANT and agree to and with the said COMPANY, its successors and assigns, that we, my executors or administrators, will 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 COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its 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 TESTIMONY WHERE	OF, I have duly	executed this Assignment on this	26 th day
of <u>March</u>	, 2009.	0. 4	2
		Librity 1	
STATE OF TEXAS	§ §	(Leiming Li)	
COUNTY OF FT. BEND	§ §		
Subscribed and sworn to be	fore me this	26 day of March	, 2009.
		Langer ander	
KATHRYNE ROSE YZAGUIR MY COMMISSION EXPIRES December 14, 2010		Notary Public in and for No	State of Texas
IN TESTIMONY WHEREO	OF, I have duly	executed this Assignment on this	26th day
01	, 2007.	5	
		(Lijun Lin)	
STATE OF TEXAS	§ §		
COUNTY OF FT. BEND	§ §		
Subscribed and sworn to be	fore me this	24th day of March	, 2009.
		(10 Her	cons
and the later of		Notary Public in and for the S	State of Texas
WILL STINE COM			
W 0 1	Inna.		
MARY STARY STARY			
ARY OUT	CANS		
STOCKEY OF THE PERSON OF THE P	CANS		

IN TESTIMONY WHEREOF, II	have duly	y execute	d this Assi	gnment on thi	s <u>0 / day</u>
of May , 2009	<b>)</b> .		G	15/1	
			/(Chu	icks I. Ezeoko	onkwo)
STATE OF TEXAS §					
0.11.0					
COUNTY OF Sutton §					
Subscribed and sworn to before n	ne this	18+	_day of _	May	, 2009.
		<u> </u>	ita r	V , 8V V	mole
		N	otary Public	c in and for the	e State of Texas
RITA M MENDEZ  Notary Public, State of Tey  My Commission Expire	(as		,		0
June 24, 2010	]]				
	0.55				
IN TESTIMONY WHEREOF, I	have duly	y execute	ed this Assi	ignment on thi	sday
of, 2009	).				
		- <del></del>		Cartin I Don	
CTATE OF TEVAC S			(	Curtis L. Bon	iey)
STATE OF TEXAS §					
COUNTY OF FT. BEND §					
COUNTI OF FI. BEND 9					
Subscribed and sworn to before n	ne this		day of		, 2009.
		N	otary Publi	c in and for th	e State of Texas

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**REEL: 022688 FRAME: 0670** 

IN TESTIMONY WHER		executed this Assignment on t	his day
		(Chucks I. Ezeo	konkwo)
STATE OF TEXAS	§ 8		
COUNTY OF	§	•	
Subscribed and sworn to	before me this	day of	, 2009.
		Notary Public in and for	the State of Texas
IN TESTIMONY WHEI of <u>MARCA</u>	REOF, I have duly 6 , 2009.	executed this Assignment on t	his <u>30</u> day
		(Curtis L. B	) h
STATE OF TEXAS	§	(Curus L. D	oney
COUNTY OF FT. BENI	\$ D		
Subscribed and sworn to	before me this	30 day of March	, 2009.
		La con	me.
KATHRYNE ROSE MY COMMISSION	YZAGUIRRE LEXPIRES	Notary Public in and for	the State of Texas

N TESTIMONY W	HEREOF I have duly	executed this Assignment on this
of <u>march</u>	, 2009.	oxecuted time resorgament on time
		Pal K Hund
		(Paul R. Howard)
STATE OF TEXAS	§	
COUNTY OF FT. B	§ END §	
	_	day of Mach, 2009.
Subscribed and swor	n to before me this	day of
<del></del>		Ale Pre Dee
MY MY	RYNE ROSE YZAGUIRRE COMMISSION EXPIRES	Notary Public in and for the State of Toxas
Maria San	December 14, 2010	
IN TESTIMONY W	HEREOF, I have duly e , 2009.	xecuted this Assignment on this day of
		(Sudhir Shenoy)
		(02221 2200)
WITNESSES:		
Signature		Date:
Name: Address:		
Address.		
		<del></del>
Signature		Date:
Name:		
Address:		

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IN TESTIMONY WHERE of	OF, I have duly , 2009.	executed this Assig	nment on this	day
			aul R. Howar	d)
STATE OF TEXAS	§ 8	(		,
COUNTY OF FT. BEND	§ §			
Subscribed and sworn to be	efore me this	day of		, 2009.
		Notary Public	in and for the	State of Texas
				1.
IN TESTIMONY WHEREC	OF, I have duly e	xecuted this Assignn	nent on this	5 <sup>th</sup> day of
		and a	<b>\</b>	
			Sudhir Shenoy	)
WITNESSES:	a /)		<b>.</b> .	
Signature	n	Date:	5-May	- 09
Name: <u>DiNA Afaa</u> Address: <u>9602-72 Au</u>	rassova re Clair mout	Dilharto	·	
Canada To	OH OWO	, 71130°-10,		
Signature Dogue	ß	Date:	5-Ma	y-09
Name: <u>/ARISA</u> Address: 9602-22	AV Clair	mout AR		
C049da	TOHERD	1		

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IN TESTIMONY WHEREO	OF, I have duly of , 2009.	executed this Assignme	ent on this 36 M	day
		Daniel Will		
STATE OF TEXAS	§	(Baudel W	illiam Quintero)	
COUNTY OF FT. BEND	§ §			
Subscribed and sworn to be	fore me this			
		LA Allo R	nd for the state of Tex	؎
KATHRYNE ROSE MY COMMISSIO December 1	N EXPIRES	Notary Publican a	nd for the state of rex	as
IN TESTIMONY WHEREO		executed this Assignme	ent on this	_ day
		(Ksen	ia Eliseeva)	
STATE OF	§			
COUNTY OF	§ §			
Subscribed and sworn to be	fore me this	day of	, 2009.	

Notary Public in and for the State of California

IN TESTIMONY WHERE of		xecuted this Assignment of	n this day
STATE OF TEXAS COUNTY OF FT. BEND	\$ \$ \$	(Baudel Willian	m Quintero)
Subscribed and sworn to be	efore me this	day of	, 2009.
		Notary Public in and fo	or the State of Texas
IN TESTIMONY WHERE of March	, 2009.	xecuted this Assignment of	ver -
STATE OF <u>CALIFORN</u> COUNTY OF <u>Kern</u>	~ \$ \$	(Issuite Li	1350014)
Subscribed and sworn to be	efore me this	24 day of Marc	tforce
SHEREE LANAE ST Commission # 11 Notary Public - Co Kern Count	337240 Alifornia	Notary Public in and for	the State of California
My Comm. Expires Ma	r 17, 2018	Committee Committee	LANAE STAFFORD ssion # 1837249 Public - California ern County 1 As Mar 17, 2013
SHEREE LANAE Commission Notary Public - Kern Coul My Comm. Expires	1837249 California Photos		A. STERNARY CONTRACTOR