

PATENT ASSIGNMENT

Electronic Version v08
 Stylesheet Version v02

SUBMISSION TYPE:	NEW ASSIGNMENT
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NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST
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CONVEYING PARTY DATA

Name	Execution Date
Frank F. Chang	2005-03-18
Lawrence A. Behrmann	2005-04-08
Ian C. Walton	2005-03-18
Keng Seng Chan	2005-03-17

RECEIVING PARTY DATA

Name	Street Address	Internal Address	City	State/Country	Postal Code
Schlumberger Technology Corporation	300 Schlumberger Drive		Sugar Land	TEXAS	77478

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number	10907148

CORRESPONDENCE DATA

FAX NUMBER: 2812855537
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 035204

NAME OF PERSON SIGNING:	Jaime A. Castano
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DATE SIGNED:	2005-04-08
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Total Attachments: 7
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 source=Assignment_2.tif
 source=Assignment_3.tif
 source=Assignment_4.tif
 source=Assignment_5.tif
 source=Assignment_6.tif

CH \$40.00 500457 10907148

Assignment

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

Frank F. Chang, a citizen of the United States of America, residing at 7215 Emerald Glen Drive, Sugar Land, Texas 77479;

Lawrence A. Behrmann, a citizen of the United States of America, residing at 12442 Shadycrest Drive, Houston, Texas 77082;

Ian C. Walton, a citizen of the United Kingdom, residing at 703 Johnson Lane, Sugar Land, Texas 77479;

and

Keng Seng Chan, a citizen of the United States of America, residing at A-07-3 North Tower, Hampshire Park, No. 8 Persiaran Hampshire, Off Jalan Ampang, Kuala Lumpur, 50450 Malaysia;

Has/have invented certain new and useful improvements in:

Openhole Perforating

as described and set forth in a Provisional Patent Application, filed with the United States Patent and Trademark Office on March 30, 2004, Serial No. 60/557,818, and an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on _____, Serial No. _____ (Docket No. 22.1558).

WHEREAS each of the undersigned persons warrants that no person other than these undersigned persons are inventors of the above-described invention;

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 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.

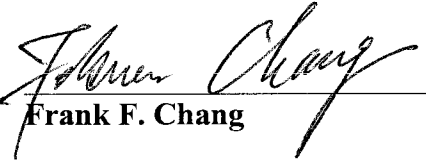
AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said **COMPANIES**, their successors and assigns, as the assignee of the entire right, title and interest in and to the same, 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, **Frank F. Chang**, have hereunto set my hand and seal this

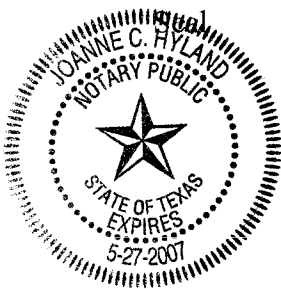
18th day of March, 2005.

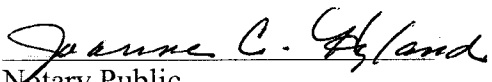

Frank F. Chang

STATE OF TEXAS

COUNTY OF BRAZORIA

BEFORE ME this 18 day of March, 2005, personally appeared **Frank F. Chang**, 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.




Notary Public

IN WITNESS WHEREOF I, **Lawrence A. Behrmann**, have hereunto set my hand and seal this

8 day of April, 2005.


Lawrence A. Behrmann

WITNESSED:

BE IT KNOWN that **Lawrence A. Behrmann** is to me known to be the individual described in the foregoing assignment, that on this 8th day of April, 2005, I was personally present and did see him sign and execute the foregoing assignment and that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.


Witness


Witness

Jay Russell
Managing Director,
Schlumberger Oilfield
Support, Kuala Lumpur MY

RAUDAH HUSAIN
ADMINISTRATOR

Schlumberger Oilfield Support Sdn Bhd (436001-1/1)
7th Floor, Rohas Perkasa,
No. 8, Jalan Perak,
50450 Kuala Lumpur.

IN WITNESS WHEREOF I, **Ian C. Walton**, have hereunto set my hand and seal this

18th day of March, 2005.

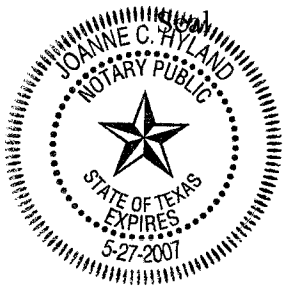


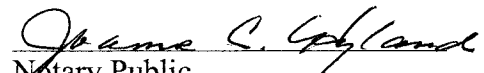
Ian C. Walton

STATE OF TEXAS

COUNTY OF BRAZORIA

BEFORE ME this 18 day of March, 2005, personally appeared **Ian C. Walton**, 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.

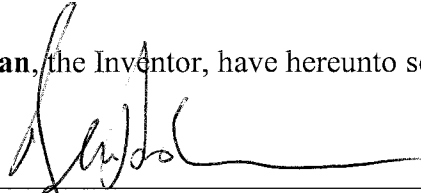



Notary Public

IN WITNESS WHEREOF I, **Keng Seng Chan**, the Inventor, have hereunto set my hand.

3-17-05

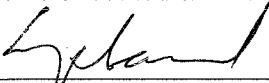
Date



Keng Seng Chan

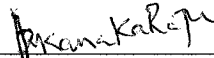
WITNESSED:

BE IT KNOWN that **Keng Seng Chan** is to me known to be the individual described in the foregoing assignment, that on this 17 day of March, 2005, I was personally present and did see him sign and execute the foregoing assignment and that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.



Witness

Mathew Samuel
Client Support Laboratory
Schlumberger Well Services
Rohas Perkasa, KL, MY



Witness

Mchan Panga
Client Support Laboratory
Schlumberger Well Services
Rohas Perkasa, KL, 50450 MY

Schedule A
“COMPANIES”

SCHLUMBERGER CANADA LIMITED

Corporation of: Canada

Located at: 525-3rd Avenue S.W., Calgary, Alberta, CA T2P 0G4

Assignee for applications in: Canada

SCHLUMBERGER HOLDINGS LIMITED

Corporation of: the Netherlands

Located at: P.O. Box 71, Craigmuir Chambers, Road Town, Tortola, BVI

Assignee for applications in: Great Britain, Japan, Malaysia, The Netherlands

SCHLUMBERGER TECHNOLOGY CORPORATION

Corporation of: USA

Located at: 300 Schlumberger Drive, Sugar Land, TX 77478 US

Assignee for applications in: USA

SERVICES PETROLIERS SCHLUMBERGER

Corporation of: France

Located at: 42 rue Saint Dominique, 75007 Paris, FR

Assignee for applications in: France