

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
Joe C. Hromas	2005-04-12
Larry Grigar	2005-04-12

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	10908037

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:	2005-04-26
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Total Attachments: 5
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 source=Assignment_2.tif
 source=Assignment_3.tif
 source=Assignment_4.tif
 source=Assignment_5.tif

CH \$40.00 500457 10908037

Assignment

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

Joe C. Hromas, a citizen of the United States of America, residing at 2519 Buffalo Trail, Sugar Land, Texas 77479;

and

Larry Grigar, a citizen of the United States of America, residing at 270 County Road 207, East Bernard, Texas 77435;

Has/have invented certain new and useful improvements in:

Technique and Apparatus for Multiple Zone Perforating

as described and set forth in an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on April 26, 2005, Serial No. 10/908,037 (Docket No. 22.1512CIP).

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.

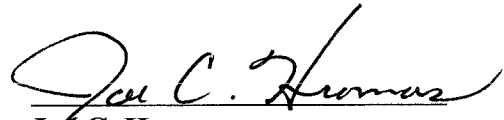
AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said **COMPANIES**, their successors and assigns, as the assignee of the entire right, title and interest in and to the same,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

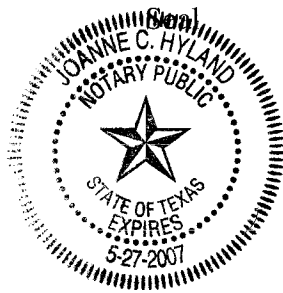
12 day of April, 2005.

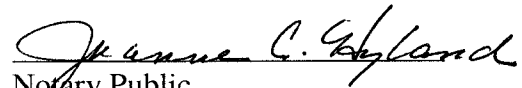

Joe C. Hromas

STATE OF TEXAS

COUNTY OF BRAZORIA


BEFORE ME this 12 day of April, 2005, personally appeared **Joe C. Hromas**, 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, **Larry Grigar**, have hereunto set my hand and seal this

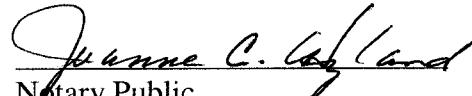
12 day of April, 2005.

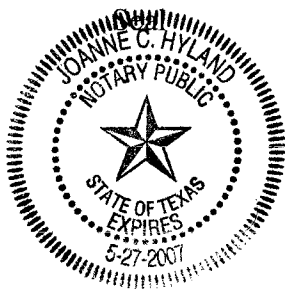

Larry Grigar

STATE OF TEXAS

COUNTY OF BRAZORIA

BEFORE ME this 12 day of April, 2005, personally appeared **Larry Grigar**, 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



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