

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

NATURE OF CONVEYANCE:

Corrective Assignment to correct the entire assignment previously recorded on Reel 020746 Frame 0321. Assignor(s) hereby confirms the Assignment.

CONVEYING PARTY DATA

Name	Execution Date
Jahir Pabon	03/28/2008
Nathan Wicks	03/28/2008
Yong Chang	04/01/2008
Clinton Chapman	03/31/2008
Vivek Singh	03/31/2008

RECEIVING PARTY DATA

Name:	Schlumberger Technology Corporation
Street Address:	5599 San Felipe, Suite 1700
City:	Houston
State/Country:	TEXAS
Postal Code:	77056

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12061252

CORRESPONDENCE DATA

Fax Number: (972)385-7766  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: 972-385-8777  
Email: kdinsmore@yeeiplaw.com  
Correspondent Name: Duke W. Yee  
Address Line 1: Yee & Associates, P.C.  
Address Line 2: P.O. Box 802333  
Address Line 4: Dallas, TEXAS 75380

ATTORNEY DOCKET NUMBER:

94.0152

PATENT

REEL: 020767 FRAME: 0547

500507684

CH \$40.00 12061252

NAME OF SUBMITTER:

Duke W. Yee

**Total Attachments: 25**

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## ASSIGNMENT

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

**Jahir Pabon**, citizen of **the United States**, whose post office address is: 10 Wildon Road, Wellesley, MA 02482;

**Nathan Wicks**, citizen of **the United States**, whose post office address is: 62 Rogers Ave, Somerville, MA 02144;

**Yong Chang**, citizen of **China**, whose post office address is: 6826 Portuguese Bend Dr, Missouri City, TX 77459;

**Clinton Chapman**, citizen of **the United States**, whose post office address is: 1306 Forest Hollow, Missouri City, TX 77459;

**Vivek Singh**, citizen of **the United States**, whose post office address is: 2668 Bering Drive, Houston, TX 77057;

Has/have invented certain new and useful improvements in

Modeling the Transient Behavior of BHA/Drillstring While Drilling

as described and set forth in an application for Letters Patent of the United States of America, executed by me/us on MARCH 28, 2008, as United States Application No. \_\_\_\_\_ (Docket No. 94.0152).

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.

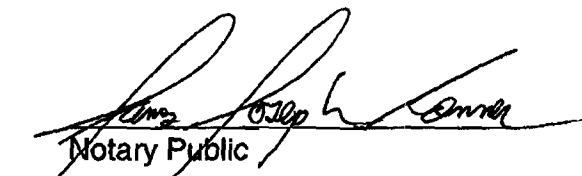
AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said **COMPANIES**, their successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful 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, **Jahir Pabon**, have hereunto set my hand and seal this  
28 day of March, 2008.

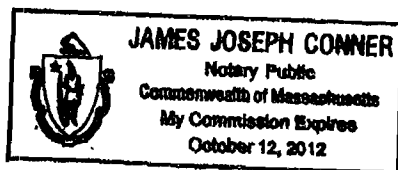
  
\_\_\_\_\_  
(Signature of **Jahir Pabon**)

  
Commonwealth  
State of Massachusetts )  
County of Middlesex )

BEFORE ME this 28 day of March, 2008, personally appeared **Jahir Pabon**, 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

SEAL



## **SCHEDULE "A"**

**Schlumberger Technology Corporation**, a corporation organized and existing under and by the laws of the State of Texas, having a business address at:

5599 San Felipe, Suite 1700  
Houston, Texas, 77056, U.S.A.

as assignee for **the United States of America**

**Schlumberger Canada Limited**, a corporation organized and existing under and by the laws of Canada having a business address at:

525- 3<sup>rd</sup> Avenue S.W.  
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Canada T2P 0G4

as assignee for **Canada**.

**Services Petroliers Schlumberger**, a corporation organized and existing under and by the laws of France, having a business address at:

41 rue Saint Dominique  
75007 Paris  
France

as assignee for **France**

**Logined B.V.**, a corporation organized and existing under and by the laws of the Netherlands, having a business address at:

Gevers Deynootweg 61  
2586 BJ Den Haag  
The Netherlands

as assignee for the following countries: **Albania, Algeria, Argentina, Armenia, Australia, Austria, Azerbaijan, Bahrain, Belarus, Brunei, Brazil, Bulgaria, Cameroon, Colombia, Czech Republic, Denmark, Ecuador, Egypt, Faroe Islands, Gabon, Germany, Great Britain, Greece, Hungary, Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Korea, Kuwait, Kyrgyzstan, Libya, Lithuania, Malaysia, Mexico, Moldova, Myanmar, Netherlands, New Zealand, Norway, Oman, Pakistan, Poland, Portugal, Qatar, Romania, Russian Federation, Saudi Arabia, Slovakia, Slovenia, South Africa, Spain, Sudan, Sweden, Syria, Tajikistan, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, Venezuela and Yemen.**

**PRAD Research and Development Limited**, a corporation organized and existing under and by the laws of the British Virgin Islands, having a business address at:

P.O. Box 71  
Craigmuir Chambers  
Road Town, Tortola  
British Virgin Islands

as assignee for **all other countries not designated otherwise above.**

## ASSIGNMENT

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

**Jahlr Pabon**, citizen of **the United States**, whose post office address is: 10 Wildon Road, Wellesley, MA 02482;

**Nathan Wicks**, citizen of **the United States**, whose post office address is: 62 Rogers Ave, Somerville, MA 02144;

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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"**;

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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.

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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, **Nathan Wicks**, have hereunto set my hand and seal this day of March 28, 2008.

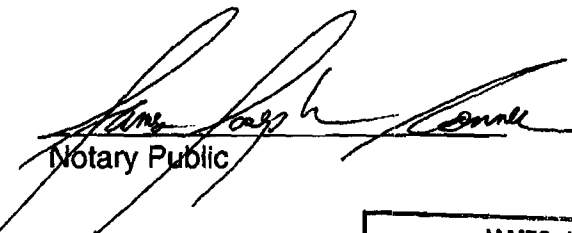


(Signature of **Nathan Wicks**)

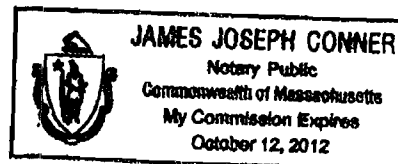
~~Commonwealth~~  
State of Massachusetts )

County of Middlesex )

BEFORE ME this 28 day of March, 2008, personally appeared **Nathan Wicks**, 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

SEAL



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IN WITNESS WHEREOF, I, **Yong Chang**, have hereunto set my hand and seal this day of April 1, 2008.

  
(Signature of Yong Chang)

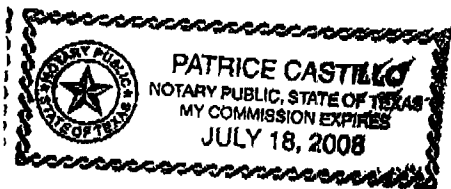
State of TEXAS )

County of HARRIS )

BEFORE ME this 1 day of April, 2008, personally appeared **Yong 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

SEAL



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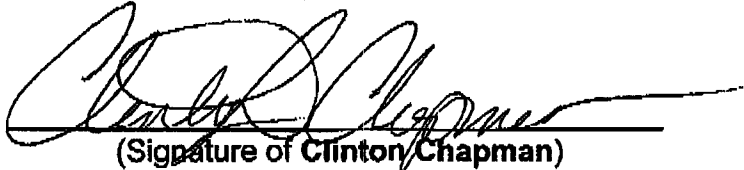
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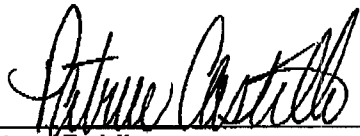
IN WITNESS WHEREOF, I, **Clinton Chapman**, have hereunto set my hand and seal  
this 31 day of MARCH, 2008.

  
(Signature of **Clinton Chapman**)

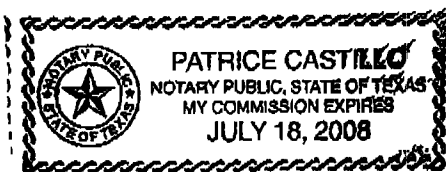
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France

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2586 BJ Den Haag  
The Netherlands

as assignee for the following countries: **Albania, Algeria, Argentina, Armenia, Australia, Austria, Azerbaijan, Bahrain, Belarus, Brunei, Brazil, Bulgaria, Cameroon, Colombia, Czech Republic, Denmark, Ecuador, Egypt, Faroe Islands, Gabon, Germany, Great Britain, Greece, Hungary, Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Korea, Kuwait, Kyrgyzstan, Libya, Lithuania, Malaysia, Mexico, Moldova, Myanmar, Netherlands, New Zealand, Norway, Oman, Pakistan, Poland, Portugal, Qatar, Romania, Russian Federation, Saudi Arabia, Slovakia, Slovenia, South Africa, Spain, Sudan, Sweden, Syria, Tajikistan, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, Venezuela and Yemen.**

**PRAD Research and Development Limited**, a corporation organized and existing under and by the laws of the British Virgin Islands, having a business address at:

P.O. Box 71  
Craigmuir Chambers  
Road Town, Tortola  
British Virgin Islands

as assignee for all other countries not designated otherwise above.

## ASSIGNMENT

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

**Jahir Pabon**, citizen of **the United States**, whose post office address is: 10 Wildon Road, Wellesley, MA 02482;

**Nathan Wicks**, citizen of **the United States**, whose post office address is: 62 Rogers Ave, Somerville, MA 02144;

**Yong Chang**, citizen of **China**, whose post office address is: 6826 Portuguese Bend Dr, Missouri City, TX 77459;

**Clinton Chapman**, citizen of **the United States**, whose post office address is: 1306 Forest Hollow, Missouri City, TX 77459;

**Vivek Singh**, citizen of **the United States**, whose post office address is: 2668 Bering Drive, Houston, TX 77057;

Has/have invented certain new and useful improvements in

Modeling the Transient Behavior of BHA/Drillstring While Drilling

as described and set forth in an application for Letters Patent of the United States of America, executed by me/us on March 31, 2008, as United States Application No. \_\_\_\_\_ (Docket No. 94.0152).

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, **Vivek Singh**, have hereunto set my hand and seal this day of MARCH 31, 2008.

Vivek Singh  
(Signature of **Vivek Singh**)

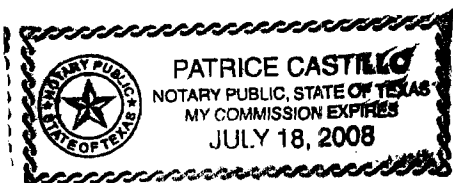
State of TEXAS )

County of HARRIS )

BEFORE ME this 31 day of MARCH, 2008, personally appeared **Vivek Singh**, 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.

Patrice Castillo  
Notary Public

S E A L



## **SCHEDULE "A"**

**Schlumberger Technology Corporation**, a corporation organized and existing under and by the laws of the State of Texas, having a business address at:

5599 San Felipe, Suite 1700  
Houston, Texas, 77056, U.S.A.

as assignee for **the United States of America**

**Schlumberger Canada Limited**, a corporation organized and existing under and by the laws of Canada having a business address at:

525- 3<sup>rd</sup> Avenue S.W.  
Calgary Alberta  
Canada T2P 0G4

as assignee for **Canada**.

**Services Petroliers Schlumberger**, a corporation organized and existing under and by the laws of France, having a business address at:

41 rue Saint Dominique  
75007 Paris  
France

as assignee for **France**

**Logined B.V.**, a corporation organized and existing under and by the laws of the Netherlands, having a business address at:

Gevers Deynootweg 61  
2586 BJ Den Haag  
The Netherlands

as assignee for the following countries: **Albania, Algeria, Argentina, Armenia, Australia, Austria, Azerbaijan, Bahrain, Belarus, Brunei, Brazil, Bulgaria, Cameroon, Colombia, Czech Republic, Denmark, Ecuador, Egypt, Faroe Islands, Gabon, Germany, Great Britain, Greece, Hungary, Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Korea, Kuwait, Kyrgyzstan, Libya, Lithuania, Malaysia, Mexico, Moldova, Myanmar, Netherlands, New Zealand, Norway, Oman, Pakistan, Poland, Portugal, Qatar, Romania, Russian Federation, Saudi Arabia, Slovakia, Slovenia, South Africa, Spain, Sudan, Sweden, Syria, Tajikistan, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, Venezuela and Yemen.**

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