

11-16-2006

Docket No.: 94.0119

EET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

GEORG ZANGL

MICHAEL STUNDNER

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: November 6, 2006

2. Name and address of receiving party(ies):

Name: Schlumberger Technology Corporation

Address: 5599 San Felipe, Suite 1700

(As assignee for the United States of America)

City: Houston State/Prov.: Texas

Country: US ZIP: 77056

Additional name(s) & address(es)

☒ Yes ☐ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: November 6, 2006

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Danita Maseles, Esquire

Registration No. 33,419

Address: c/o Schlumberger,

5599 San Felipe, Suite 1208

City: Houston

State/Prov.: Texas

Country: US

ZIP: 77056-2722

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

07-1078

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John H. Bouchard

Name of Person Signing

Signature

Date

9

Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 018596 FRAME: 0256

2. Name and address of receiving party(ies) – Continued:

Schlumberger Canada Limited

525 – 3rd Avenue S.W.

Calgary, Alberta

Canada T2P 0G4

As Assignee for Canada

Services Petroliers Schlumberger

41 rue Saint Dominique

75007 Paris

France

As Assignee for France

Logined B.V.

Gevers Deynootweg 61

2586 BJ Den Haag

The Netherlands

As Assignee for the following countries:

Albania, Algeria, Argentina, Australia, Austria, Azerbaijan, 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, Libya, Lithuania, Malaysia, Mexico, Myanmar, Netherlands, New Zealand, Norway, Oman, Pakistan, Poland, Portugal, Qatar, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, South Africa, Spain, Sudan, Syria, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Venezuela, and Yemen

PRAD Research and Development N.V.

P.O. Box 812

De Ruyterkade 62

Willemstad Curacao

Netherlands, Antilles

As Assignee for all other countries not designated otherwise above

ASSIGNMENT

WHEREAS, the undersigned persons (hereinafter referred to as an "Inventor") where the Inventor's addresses are listed below

GEORG ZANGL, citizen of Austria, whose post office address is
Johannesplatz 1, Laxenburg, A-2361, Austria

MICHAEL STUNDNER, citizen of Austria, whose post office address is
Pfarrgasse 8/14, Baden, 2500, Austria

has/have invented certain new and useful improvements in:

METHOD FOR HISTORY MATCHING A SIMULATION MODEL USING SELF ORGANIZING MAPS TO GENERATE REGIONS IN THE SIMULATION MODEL

as described and set forth in an application for Letters Patent of the United States of America, executed by me/us on NOV, 6, 2006
(Docket No. 94.0119).

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 I/we 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

Beurkundungsregisterzahl: 3284/2006

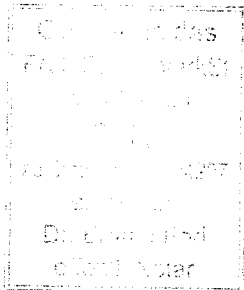
Die Echtheit der vorstehenden Unterschriften -----

a) des Herrn Michael Stundner, geboren am 16.04.1959 (sechzehnten April neunzehnhundertneunundfünfzig), wohnhaft in 2500 Baden bei Wien, Pfarrgasse 8/14, und -----

b) des Herrn Diplomingenieur Georg Zangl, geboren am 23.05.1966 (dreiundzwanzigsten Mai neunzehnhundertsechundsechzig), wohnhaft in 2361 Laxenburg, Johannesplatz 1, -----

wird hiemit bestätigt. -----

Baden bei Wien, am 06.11.2006 (sechsten November zweitausendsechs). -----



Mag. Roman Janda
als mit. Stellvertreter
des
Substituten
Dr. Erhard Perl
Baden, N.O.



No of Registration: 3284/2005

To all to whom the presents shall come I Roman Janda, Deputy Civil Law Notary, do hereby certify the genuiness of the signatures at the foot of the annexed document, such signatures having been this day subscribed in my presence by -----

a) Michael Stundner, born on the sixteenth day of April Nineteen hundred and fifty nine, resident at 2500 Baden bei Wien, Pfarrgasse 8/14, and -----

b) Diplomingenieur Georg Zangl, born on the twenty third of may Nineteen hundred and sixty six, resident at 2361 Laxenburg, Johannesplatz 1. -----

In faith and testimony whereof I the said Deputy Civil Law Notary have subscribed my name and set and affixed Doctor Erhard Perl's seal of Office at Baden this sixteenth day of September Two thousand and four. -----

Mag. Roman Janda
als mit. Stellvertreter
des
Substituten
Dr. Erhard Perl
Baden, N.O.



as assignee for the following countries: **Albania, Algeria, Argentina, Australia, Austria, Azerbaijan, 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, Libya, Lithuania, Malaysia, Mexico, Myanmar, Netherlands, New Zealand, Norway, Oman, Pakistan, Poland, Portugal, Qatar, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, South Africa, Spain, Sudan, Syria, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Venezuela and Yemen.**

PRAD Research and Development N.V., a corporation organized and existing under and by the laws of the Netherlands Antilles, having a business address at:

P.O. Box 812
De Ruyterkade 62
Willemstad Curacao
Netherlands Antilles

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

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- 3rd 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

BEFORE ME this ____ day of _____, _____ personally appeared **GEORG ZANGL** and **MICHAEL STUNDNER**, to me known to be the persons who are 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.

WITNESSES

First Witness

Second Witness

Printed Name of First Witness

Printed Name of Second Witness

Signature of First Witness

Signature of Second Witness

Address of First Witness

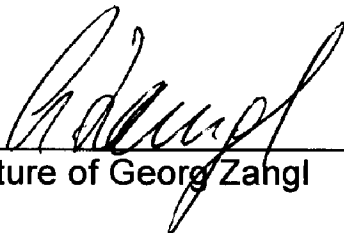
Address of Second Witness

Date of Signature of First Witness

Date of Signature of Second Witness

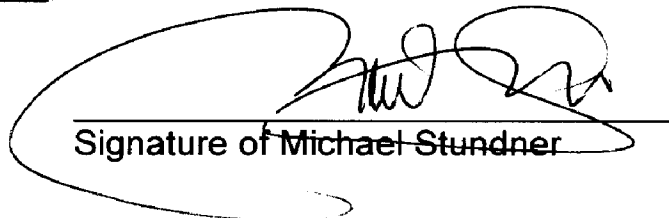
IN WITNESS WHEREOF,

I, **GEORG ZANGL**, have hereunto set my hand and seal this
the 6th day of November, 2006.



Signature of Georg Zangl

I, **MICHAEL STUNDNER**, have hereunto set my hand and seal this
the 6th day of November, 2006.



Signature of Michael Stundner

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.

ASSIGNMENT

WHEREAS, the undersigned persons (hereinafter referred to as an "Inventor") where the Inventor's addresses are listed below

GEORG ZANGL, citizen of Austria, whose post office address is
Johannesplatz 1, Laxenburg, A-2361, Austria

MICHAEL STUNDNER, citizen of Austria, whose post office address is
Pfarrgasse 8/14, Baden, 2500, Austria

has/have invented certain new and useful improvements in:

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as described and set forth in an application for Letters Patent of the United States of America, executed by me/us on NOV, 6, 2006
(Docket No. 94.0119).

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 I/we 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

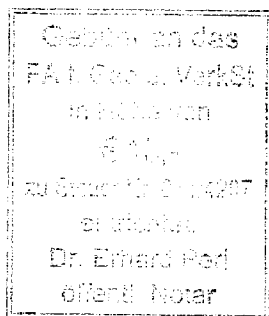
Beurkundungsregisterzahl: 3284/2006

Die Echtheit der vorstehenden Unterschriften -----

- a) des Herrn Michael Stundner, geboren am 16.04.1959 (sechzehnten April neunzehnhundertneunundfünfzig), wohnhaft in 2500 Baden bei Wien, Pfarrgasse 8/14, und -----
- b) des Herrn Diplomingenieur Georg Zangl, geboren am 23.05.1966 (dreiundzwanzigsten Mai neunzehnhundertsechundsechzig), wohnhaft in 2361 Laxenburg, Johannesplatz 1, -----

wird hiemit bestätigt. -----

Baden bei Wien, am 06.11.2006 (sechsten November zweitausendsechs). -----



Mag. Roman Janda
als mit Bescheid vom 16.11.2006
des Landesgerichtes Wien als
Sonderbeauftragter des Notars
Dr. Erhard PERL in Baden, NÖ.



№ of Registration: 3284/2005

To all to whom the presents shall come I Roman Janda, Deputy Civil Law Notary, do hereby certify the genuiness of the signatures at the foot of the annexed document, such signatures having been this day subscribed in my presence by -----

- a) Michael Stundner, born on the sixteenth day of April Nineteen hundred and fifty nine, resident at 2500 Baden bei Wien, Pfarrgasse 8/14, and -----
- b) Diplomingenieur Georg Zangl, born on the twenty third of may Nineteen hundred and sixty six, resident at 2361 Laxenburg, Johannesplatz 1. -----

In faith and testimony whereof I the said Deputy Civil Law Notary have subscribed my name and set and affixed Doctor Erhard Perl's seal of Office at Baden this sixteenth day of September Two thousand and four. -----

Mag. Roman Janda
als mit Bescheid vom 16.11.2006
des Landesgerichtes Wien als
Sonderbeauftragter des Notars
Dr. Erhard PERL in Baden, NÖ.



PATENT

REEL: 018596 FRAME: 0266

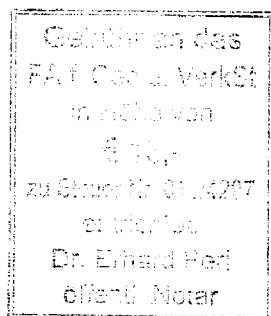
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Mag. Roman Janda
als mit Bescheid vom 1. April 2006
des Landesgerichtes Wien zum
Substitut des Öffentlichen Notars
Dr. Erhard PERL, in Baden, NÖ.



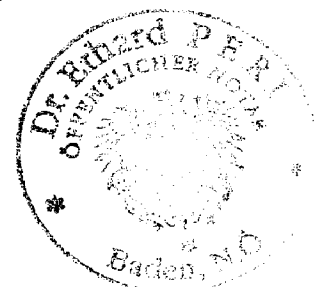
No of Registration: 3284/2005

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In faith and testimony whereof I the said Deputy Civil Law Notary have subscribed my name and set and affixed Doctor Erhard Perl's seal of Office at Baden this sixteenth day of September Two thousand and four. -----

Mag. Roman Janda
als mit Bescheid vom 1. April 2006
des Landesgerichtes Wien zum
Substitut des Öffentlichen Notars
Dr. Erhard PERL, in Baden, NÖ.



PATENT

REEL: 018596 FRAME: 0267

as assignee for the following countries: **Albania, Algeria, Argentina, Australia, Austria, Azerbaijan, 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, Libya, Lithuania, Malaysia, Mexico, Myanmar, Netherlands, New Zealand, Norway, Oman, Pakistan, Poland, Portugal, Qatar, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, South Africa, Spain, Sudan, Syria, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Venezuela and Yemen.**

PRAD Research and Development N.V., a corporation organized and existing under and by the laws of the Netherlands Antilles, having a business address at:

P.O. Box 812
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Netherlands Antilles

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

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as assignee for **Canada**.

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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

BEFORE ME this ____ day of _____, _____ personally appeared **GEORG ZANGL** and **MICHAEL STUNDNER**, to me known to be the persons who are 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.

WITNESSES

First Witness

Second Witness

Printed Name of First Witness

Printed Name of Second Witness

Signature of First Witness

Signature of Second Witness

Address of First Witness

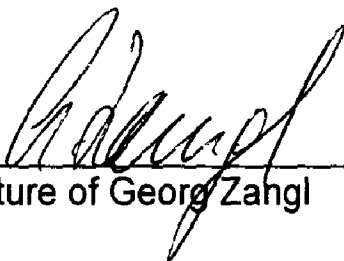
Address of Second Witness

Date of Signature of First Witness

Date of Signature of Second Witness

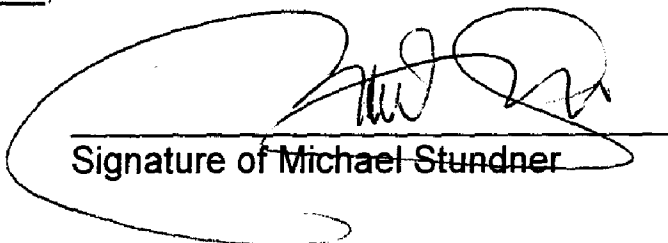
IN WITNESS WHEREOF,

I, **GEORG ZANGL**, have hereunto set my hand and seal this
the 6th day of November, 2006.



Signature of Georg Zangl

I, **MICHAEL STUNDNER**, have hereunto set my hand and seal this
the 6th day of November, 2006.



Signature of Michael Stundner

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.