

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sarkis R. Kakadjian</td> <td>07/16/2010</td> </tr> <tr> <td>Frank Zamora</td> <td>07/16/2010</td> </tr> <tr> <td>Ray Veldman</td> <td>07/12/2010</td> </tr> <tr> <td>Ron van Petegen</td> <td>07/20/2010</td> </tr> </tbody> </table>		Name	Execution Date	Sarkis R. Kakadjian	07/16/2010	Frank Zamora	07/16/2010	Ray Veldman	07/12/2010	Ron van Petegen	07/20/2010
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Sarkis R. Kakadjian	07/16/2010										
Frank Zamora	07/16/2010										
Ray Veldman	07/12/2010										
Ron van Petegen	07/20/2010										
RECEIVING PARTY DATA											
Name:	Clearwater International, LLC										
Street Address:	515 Post Oak Blvd, Suite 600										
City:	Houston										
State/Country:	TEXAS										
Postal Code:	77027										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12832222</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12832222						
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Application Number:	12832222										
CORRESPONDENCE DATA											
Fax Number:	(713)977-7011										
Phone:	713-977-7000										
Email:	rwstroz@flash.net										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Rboert W. Strozier										
Address Line 1:	P.O. Box 429										
Address Line 4:	Bellaire, TEXAS 77402-0429										
ATTORNEY DOCKET NUMBER:	03015/46UTL										
NAME OF SUBMITTER:	Robert W. Strozier										
Total Attachments: 12											

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: **KAKADJIAN ET AL.**  
SERIAL NO: 12/832222  
FILED: 07/08/2010

§ EXAMINER:  
§ GROUP ART UNIT:  
§ DOCKET: **03015/46UTL**  
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FOR: **USE OF ZETA POTENTIAL MODIFIERS TO  
DECREASE THE RESIDUAL OIL SATURATION**

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, **Sarkis R. Kakadjian, Frank Zamora, Ray Veldman, and Ron van Petegen** (the "Undersigned") do hereby: **SELL, ASSIGN AND TRANSFER** to **CLEARWATER INTERNATIONAL, LLC** (the "Assignee"), a **Delaware** corporation having a place of business at 515 Post Oak Boulevard Suite 600, Houston, Texas 77027, its successors, trustees, devisees and assigns, the entire right, title and interest for the United States and all foreign countries in and to:

- a. Any and all improvements which are disclosed in the application for United States Letters Patent under 35 U.S.C. §§ 111(a) or (b), which has been executed by the Undersigned concurrently herewith and is entitled **USE OF ZETA POTENTIAL MODIFIERS TO DECREASE THE RESIDUAL OIL SATURATION**;
- b. Any and all applications for patent or like protection on said improvements that have now been or may in the future be made by me or my legal representatives, whether in the United States of America or any other country or place anywhere in the world;
- c. Any and all patents and like protection that have now been or may in the future be granted on said improvements to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
- d. Any and all substitutions, divisions, continuations, continuations-in-part, renewals, reissues, reexaminations, extensions, and the like of said applications and/or patents or like grants, including, without limitation, those obtained or permissible under past, present and/or future law and statutes;
- e. The express right to file foreign applications under the provisions of any convention or treaty and claim priority based on any and all application filed in the United States of America based on said improvements;
- f. All rights of action on account of past, present and/or future authorized or unauthorized use of said improvements and for misappropriation of said improvement and/or infringement of said patents derived from said improvements and like protection;

- g. The right of Assignee to file in its name applications for patents and like protection for said improvements in any country and countries foreign to the United States of America; and
- h. All international rights of priority associated with said improvements, applications, patents and like protection;

(hereinafter "Rights").

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States of America and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

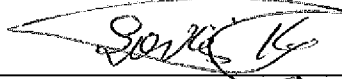
WARRANT AND COVENANT that the Undersigned have the right to make the assignment set forth herein;

COVENANT, when requested and at the expense of the Assignee, its successors, and/or assigns, the Undersigned will cooperate with the Assignee, its successors, and/or assigns, to carry out in good faith the intent and purpose of this assignment. Such cooperation will include, without limitation:

- (1) Prompt execution of all papers that are deemed necessary or desirable by Assignee to perfect the right, title and interest herein conveyed;
- (2) Prompt execution of all petitions, oaths, specifications, declarations or other papers that are deemed necessary or desirable by Assignee for prosecuting patent applications, for filing and prosecuting substitute, divisional, continuing, or additional applications in the United States of America and/or foreign countries, for filing and prosecuting applications for reissuance or reexamination of previously granted Letters Patent, and for interference proceedings involving and covering any of the Rights, and
- (3) Prompt assistance and cooperation, including, but not limited to, execution of documents and testifying, in the prosecution of legal proceedings involving any of the Rights, including, but not limited to, patent prosecution, interference proceedings, infringement court actions, opposition proceedings, cancellation proceedings, priority contests, unfair competition court actions, trade secret court actions, public use proceedings, slander, license breach and royalty collection proceedings and any other legal proceedings.

TO BE BINDING on the heirs, assigns, representatives and successors of the Undersigned and inure to Assignee, its successors, trustees, devisees and assigns.

EXECUTED THIS 16 day of JULY, 2010



Sarkis R. Kakadjian

STATE OF TEXAS

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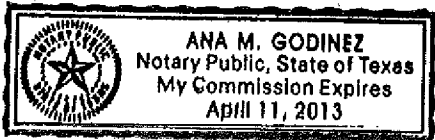
§

COUNTY OF BEXAR

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BEFORE ME, the undersigned authority, on this day personally appeared **Sarkis R. Kakadjian**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he **executed and initialed each page of the same** for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 16 day of July, 2010



NOTARY PUBLIC IN AND FOR  
THE STATE OF TEXAS



TO BE BINDING on the heirs, assigns, representatives and successors of the Undersigned and inure to Assignee, its successors, trustees, devisees and assigns.

EXECUTED THIS 12 day of July, 2010

Ray Veldman  
Ray Veldman

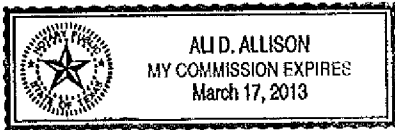
STATE OF TEXAS

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COUNTY OF BEXAR

BEFORE ME, the undersigned authority, on this day personally appeared **Ray Veldman**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he **executed and initialed each page of the same** for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 12 day of July, 2010



Ali D. Allison  
NOTARY PUBLIC IN AND FOR  
THE STATE OF TEXAS

TO BE BINDING on the heirs, assigns, representatives and successors of the Undersigned and inure to Assignee, its successors, trustees, devisees and assigns.

EXECUTED THIS \_\_ day of \_\_\_\_\_, 2010

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**Ron van Petegen**

STATE OF TEXAS

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COUNTY OF HARRIS

BEFORE ME, the undersigned authority, on this day personally appeared **Ron van Petegen**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he **executed and initialed each page of the same** for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this \_\_\_\_ day of \_\_\_\_\_, 2010

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NOTARY PUBLIC IN AND FOR  
THE STATE OF TEXAS



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- a. Any and all improvements which are disclosed in the application for United States Letters Patent under 35 U.S.C. §§ 111(a) or (b), which has been executed by the Undersigned concurrently herewith and is entitled **USE OF ZETA POTENTIAL MODIFIERS TO DECREASE THE RESIDUAL OIL SATURATION**;
- b. Any and all applications for patent or like protection on said improvements that have now been or may in the future be made by me or my legal representatives, whether in the United States of America or any other country or place anywhere in the world;
- c. Any and all patents and like protection that have now been or may in the future be granted on said improvements to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
- d. Any and all substitutions, divisions, continuations, continuations-in-part, renewals, reissues, reexaminations, extensions, and the like of said applications and/or patents or like grants, including, without limitation, those obtained or permissible under past, present and/or future law and statutes;
- e. The express right to file foreign applications under the provisions of any convention or treaty and claim priority based on any and all application filed in the United States of America based on said improvements;
- f. All rights of action on account of past, present and/or future authorized or unauthorized use of said improvements and for misappropriation of said improvement and/or infringement of said patents derived from said improvements and like protection;

- g. The right of Assignee to file in its name applications for patents and like protection for said improvements in any country and countries foreign to the United States of America; and
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(hereinafter "Rights").

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States of America and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

WARRANT AND COVENANT that the Undersigned have the right to make the assignment set forth herein;

COVENANT, when requested and at the expense of the Assignee, its successors, and/or assigns, the Undersigned will cooperate with the Assignee, its successors, and/or assigns, to carry out in good faith the intent and purpose of this assignment. Such cooperation will include, without limitation:

- (1) Prompt execution of all papers that are deemed necessary or desirable by Assignee to perfect the right, title and interest herein conveyed;
- (2) Prompt execution of all petitions, oaths, specifications, declarations or other papers that are deemed necessary or desirable by Assignee for prosecuting patent applications, for filing and prosecuting substitute, divisional, continuing, or additional applications in the United States of America and/or foreign countries, for filing and prosecuting applications for reissuance or reexamination of previously granted Letters Patent, and for interference proceedings involving and covering any of the Rights, and
- (3) Prompt assistance and cooperation, including, but not limited to, execution of documents and testifying, in the prosecution of legal proceedings involving any of the Rights, including, but not limited to, patent prosecution, interference proceedings, infringement court actions, opposition proceedings, cancellation proceedings, priority contests, unfair competition court actions, trade secret court actions, public use proceedings, slander, license breach and royalty collection proceedings and any other legal proceedings.

TO BE BINDING on the heirs, assigns, representatives and successors of the Undersigned and inure to Assignee, its successors, trustees, devisees and assigns.

EXECUTED THIS \_\_\_ day of \_\_\_\_\_, 2010

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**Sarkis R. Kakadjian**

STATE OF TEXAS

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COUNTY OF BEXAR

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§

BEFORE ME, the undersigned authority, on this day personally appeared **Sarkis R. Kakadjian**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he **executed and initialed each page of the same** for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this \_\_\_ day of \_\_\_\_\_, 2010

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NOTARY PUBLIC IN AND FOR  
THE STATE OF TEXAS

TO BE BINDING on the heirs, assigns, representatives and successors of the Undersigned and inure to Assignee, its successors, trustees, devisees and assigns.

EXECUTED THIS \_\_\_ day of \_\_\_\_\_, 2010

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Frank Zamora

STATE OF TEXAS

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COUNTY OF \_\_\_\_\_

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BEFORE ME, the undersigned authority, on this day personally appeared **Frank Zamora**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he **executed and initialed each page of the same** for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this \_\_\_ day of \_\_\_\_\_, 2010

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NOTARY PUBLIC IN AND FOR  
THE STATE OF TEXAS

TO BE BINDING on the heirs, assigns, representatives and successors of the Undersigned and inure to Assignee, its successors, trustees, devisees and assigns.

EXECUTED THIS \_\_\_ day of \_\_\_\_\_, 2010

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**Ray Veldman**

STATE OF TEXAS

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§

COUNTY OF BEXAR

§

BEFORE ME, the undersigned authority, on this day personally appeared **Ray Veldman**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he **executed and initialed each page of the same** for the purposes and consideration therein expressed.

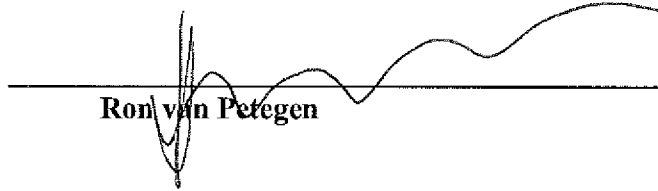
GIVEN UNDER MY HAND and seal of office this \_\_\_ day of \_\_\_\_\_, 2010

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NOTARY PUBLIC IN AND FOR  
THE STATE OF TEXAS

TO BE BINDING on the heirs, assigns, representatives and successors of the Undersigned and inure to Assignee, its successors, trustees, devisees and assigns.

EXECUTED THIS 20<sup>th</sup> day of JULY, 2010

  
\_\_\_\_\_  
Ron van Petegen

STATE OF TEXAS

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COUNTY OF HARRIS

BEFORE ME, the undersigned authority, on this day personally appeared **Ron van Petegen**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he **executed and initialed each page of the same** for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 20 day of July, 2010



  
\_\_\_\_\_  
NOTARY PUBLIC IN AND FOR  
THE STATE OF TEXAS