

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6878363

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JEFF WHITE	04/03/2013
YE CHEN	09/04/2013
YUANPANG SAMUEL DING	03/19/2013
JOEL TITUS	03/21/2013
JUSTIN ROHDE	08/23/2013
SHINCY MALIEKKAL	03/18/2013
KEVIN COOPER	03/18/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BAXTER INTERNATIONAL INC.
<b>Street Address:</b>	ONE BAXTER PARKWAY
<b>City:</b>	DEERFIELD
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60015
<b>Name:</b>	BAXTER HEALTHCARE SA
<b>Street Address:</b>	130 THURGAUERSTRASSE
<b>City:</b>	GLATTPARK (OPFIKON)
<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	CH-8152
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16102237
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)827-8185
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	3128074329
<b>Email:</b>	chicago.patents@klgates.com
<b>Correspondent Name:</b>	DENNIS A. MAJEWSKI/K&LGATES LLP
<b>Address Line 1:</b>	P.O. BOX 1135
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60690-1135

PATENT

<b>ATTORNEY DOCKET NUMBER:</b>	3712044.05403
<b>NAME OF SUBMITTER:</b>	DENNIS A. MAJEWSKI
<b>SIGNATURE:</b>	/Dennis A. Majewski/
<b>DATE SIGNED:</b>	08/23/2021

**Total Attachments: 14**

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**ASSIGNMENT  
(Joint Inventors)**

Serial No. 13/797,086

Filed: March 12, 2013

Attorney Docket No: P6324US01 BX2013T00703  
(3712044-03992)

For good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, we hereby assign to **BAXTER INTERNATIONAL INC.**, a corporation of Delaware, having a principal place of business at Deerfield, Illinois, its successors, legal representatives and assigns, and to **BAXTER HEALTHCARE S.A.**, a corporation of Switzerland, having a principal place of business at Glattpark (Opfikon), Switzerland, its successors, legal representatives and assigns (hereinafter jointly referred to as "assignee") the entire right, title and interest throughout the world, to the extent not previously assigned to assignee, in our invention or improvements in

**INTEGRATED WATER TESTING SYSTEM AND METHOD FOR ULTRA-LOW TOTAL CHLORINE DETECTION**

and, effective as of the date of filing, in the above listed application(s) for Letters Patent therefor, executed by each of us individually, and any and all other patent applications in any and all countries which have been or may hereafter be filed, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of any country which may be obtained on any of the said applications, and in any reissue or extension thereof and any applications that claim priority thereto, including any regional and national stage applications.

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For said considerations we hereby agree, upon the request and at the expense of said assignee, its successors, legal representatives and assigns, to execute any and all divisional, continuation, and renewal applications for said invention or improvements, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, including any regional and national stage applications that claim priority thereto, that said assignee, its successors, legal representatives and assigns may deem necessary or expedient, and for the said considerations we further agree, upon the request of said assignee, its successors, legal representatives and assigns, in the event of said application or any continuation or division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof becoming involved in interference, to cooperate to the best of our ability with said assignee, its successors, legal representatives and assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof.

We further agree to perform, upon such request, any and all affirmative acts, including but not limited to execution of any and all documents deemed necessary or expedient by the said assignee or its successors, legal representatives or assigns, to obtain Letters Patent, and vest all rights therein hereby conveyed in the said assignee, its successors, legal representatives and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, its successors, legal representatives and assigns to the end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, and for the said considerations we hereby also assign to said assignee, its successors, legal representatives and assigns the entire right, title and interest in said invention or improvements for any and all foreign countries and the right of priority for patent and utility model applications in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we further agree upon the request of said assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

Serial No. 13/797,086

Filed: March 12, 2013

Attorney Docket No: P6324US01 BX2013T00703  
(3712044-03992)**INTEGRATED WATER TESTING SYSTEM AND METHOD FOR ULTRA-LOW TOTAL CHLORINE DETECTION**

Inventor Name: Jeff White

Inventor Name: Ye Chen

Date April 3, 2013

Date \_\_\_\_\_

Signature Jeff White

Signature \_\_\_\_\_

State of Illinois

State of \_\_\_\_\_

County of DuPage

County of \_\_\_\_\_

On 04/03/13 before me, R. Patel (Notary Public), personally appeared J.W., personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

On \_\_\_\_\_ before me, \_\_\_\_\_ (Notary Public), personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and office seal.

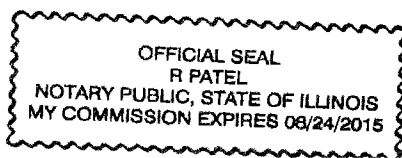
WITNESS my hand and office seal.

Notary Signature [Signature]

Notary Signature \_\_\_\_\_

(Seal)

(Seal)





**ASSIGNMENT  
(Joint Inventors)**

Serial No. 13/797,086

Filed: March 12, 2013

Attorney Docket No: P6324US01 BX2013T00703  
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**INTEGRATED WATER TESTING SYSTEM AND METHOD FOR ULTRA-LOW TOTAL CHLORINE DETECTION**

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**Baxter**

**Signature Sheet  
(Joint Inventors)**

Serial No. 13/797,086

Filed: March 12, 2013

Attorney Docket No: P6324US01 BX2013T00703  
(3712044-03992)

**INTEGRATED WATER TESTING SYSTEM AND METHOD FOR ULTRA-LOW TOTAL CHLORINE DETECTION**

Inventor Name: Jeff White

Inventor Name: Ye Chen

Date \_\_\_\_\_

Date 9/4/13

Signature \_\_\_\_\_

Signature [Signature]

State of \_\_\_\_\_

State of NORTH CAROLINA

County of \_\_\_\_\_

County of DURHAM

On \_\_\_\_\_ before me, \_\_\_\_\_ (Notary Public), personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

On 9-4-13 before me, KATHY B. LITTLE (Notary Public), personally appeared YE CHEN personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and office seal.

WITNESS my hand and office seal.

Notary  
Signature \_\_\_\_\_

Notary  
Signature Kathy B. Little

(Seal)

(Seal) **KATHY B. LITTLE**  
Notary Public  
Granville Co., North Carolina  
My Commission Expires Oct. 11, 2016



**ASSIGNMENT  
(Joint Inventors)**

Serial No. 13/797,086

Filed: March 12, 2013

Attorney Docket No: P6324US01 BX2013T00703  
(3712044-03992)

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**INTEGRATED WATER TESTING SYSTEM AND METHOD FOR ULTRA-LOW TOTAL CHLORINE DETECTION**

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**Baxter**

**Signature Sheet  
(Joint Inventors)**

Serial No. 13/797,086

Filed: March 12, 2013

Attorney Docket No: P6324US01 BX2013T00703  
(3712044-03992)

**INTEGRATED WATER TESTING SYSTEM AND METHOD FOR ULTRA-LOW TOTAL CHLORINE DETECTION**

Inventor Name: ~~Samuel Ding~~ <sup>ETD</sup> *Yuanpeng Samuel Ding*

Inventor Name: Joel Titus

Date 3/19/2013

Date \_\_\_\_\_

Signature *[Signature]*

Signature \_\_\_\_\_

State of Illinois

State of \_\_\_\_\_

County of Lake

County of \_\_\_\_\_

On March 19, 2013 before me, Marcia L. Harding (Notary Public), personally appeared ~~Samuel Ding~~, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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WITNESS my hand and office seal.

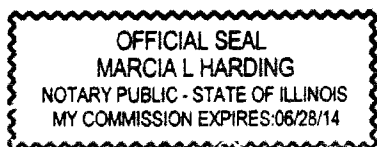
WITNESS my hand and office seal.

Notary Signature *Marcia L. Harding*

Notary Signature \_\_\_\_\_

(Seal)

(Seal)







**ASSIGNMENT  
(Joint Inventors)**

Serial No. 13/797,086

Filed: March 12, 2013

Attorney Docket No: P6324US01 BX2013T00703  
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**INTEGRATED WATER TESTING SYSTEM AND METHOD FOR ULTRA-LOW TOTAL CHLORINE DETECTION**

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**Baxter**

**Signature Sheet  
(Joint Inventors)**

Serial No. 13/797,086

Filed: March 12, 2013

Attorney Docket No: P6324US01 BX2013T00703  
(3712044-03992)

**INTEGRATED WATER TESTING SYSTEM AND METHOD FOR ULTRA-LOW TOTAL CHLORINE DETECTION**

Inventor Name: Samuel Ding

Inventor Name: Joel Titus

Date \_\_\_\_\_

Date 3/21/13

Signature \_\_\_\_\_

Signature \_\_\_\_\_

State of \_\_\_\_\_

State of Indiana

County of \_\_\_\_\_

County of Monroe

On \_\_\_\_\_ before me, \_\_\_\_\_ (Notary Public), personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

On 3/21/13 before me, Stephanie L. Bohlson (Notary Public), personally appeared Joel Titus, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and office seal.

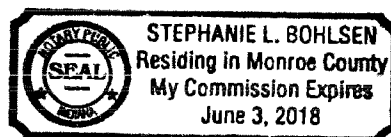
WITNESS my hand and office seal.

Notary  
Signature \_\_\_\_\_

Notary  
Signature Stephanie L. Bohlson

(Seal)

(Seal)





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**Baxter**

**Signature Sheet  
(Joint Inventors)**

Serial No. 13/797,086

Filed: March 12, 2013

Attorney Docket No: P6324US01 BX2013T00703  
(3712044-03992)

**TOTAL CHLORINE WATER DETECTION SYSTEM AND METHOD FOR MEDICAL FLUID  
TREATMENTS**

Inventor Name: Justin Rohde

Inventor Name: Shincy Maliekkal

Date 23, Aug, 2013

Date \_\_\_\_\_

Signature Justin Rohde

Signature \_\_\_\_\_

State of IL

State of \_\_\_\_\_

County of Cook Justin Rohde

County of \_\_\_\_\_

On August 23, 2013 before me, Heather Deacon (Notary Public), personally appeared Justin Rohde, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

On \_\_\_\_\_ before me, \_\_\_\_\_ (Notary Public), personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and office seal.

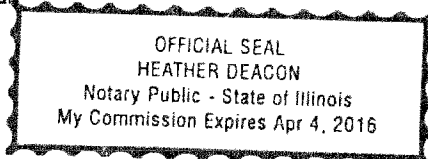
WITNESS my hand and office seal.

Heather Deacon  
Notary  
Signature Heather Deacon

Notary  
Signature \_\_\_\_\_

(Seal)

(Seal)





**ASSIGNMENT  
(Joint Inventors)**

Serial No. 13/797,086

Filed: March 12, 2013

Attorney Docket No: P6324US01 BX2013T00703  
(3712044-03992)

For good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, we hereby assign to **BAXTER INTERNATIONAL INC.**, a corporation of Delaware, having a principal place of business at Deerfield, Illinois, its successors, legal representatives and assigns, and to **BAXTER HEALTHCARE S.A.**, a corporation of Switzerland, having a principal place of business at Glattpark (Opfikon), Switzerland, its successors, legal representatives and assigns (hereinafter jointly referred to as "assignee") the entire right, title and interest throughout the world, to the extent not previously assigned to assignee, in our invention or improvements in

**INTEGRATED WATER TESTING SYSTEM AND METHOD FOR ULTRA-LOW TOTAL CHLORINE DETECTION**

and, effective as of the date of filing, in the above listed application(s) for Letters Patent therefor, executed by each of us individually, and any and all other patent applications in any and all countries which have been or may hereafter be filed, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of any country which may be obtained on any of the said applications, and in any reissue or extension thereof and any applications that claim priority thereto, including any regional and national stage applications.

We hereby authorize and request the patent offices of all countries to issue to the said assignee all patents that may issue on said invention or improvements. We hereby authorize and request the attorneys of record in said application to insert in this assignment the date and serial number and docket number of said applications when officially known.

We warrant ourselves to be the owners of the interest herein assigned and to have the right to make this assignment; and further warrant that there are no outstanding prior assignments, licenses, or other rights to any person or entity other than the assignee in the interest herein assigned.

For said considerations we hereby agree, upon the request and at the expense of said assignee, its successors, legal representatives and assigns, to execute any and all divisional, continuation, and renewal applications for said invention or improvements, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, including any regional and national stage applications that claim priority thereto, that said assignee, its successors, legal representatives and assigns may deem necessary or expedient, and for the said considerations we further agree, upon the request of said assignee, its successors, legal representatives and assigns, in the event of said application or any continuation or division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof becoming involved in interference, to cooperate to the best of our ability with said assignee, its successors, legal representatives and assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof.

We further agree to perform, upon such request, any and all affirmative acts, including but not limited to execution of any and all documents deemed necessary or expedient by the said assignee or its successors, legal representatives or assigns, to obtain Letters Patent, and vest all rights therein hereby conveyed in the said assignee, its successors, legal representatives and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, its successors, legal representatives and assigns to the end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, and for the said considerations we hereby also assign to said assignee, its successors, legal representatives and assigns the entire right, title and interest in said invention or improvements for any and all foreign countries and the right of priority for patent and utility model applications in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we further agree upon the request of said assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

Serial No. 13/797,086

Filed: March 12, 2013

Attorney Docket No: P6324US01 BX2013T00703  
(3712044-03992)**TOTAL CHLORINE WATER DETECTION SYSTEM AND METHOD FOR MEDICAL FLUID TREATMENTS**

Inventor Name: Justin Rohde

Inventor Name: Shincy Maliekkal

Date \_\_\_\_\_

Date March 18, 2013

Signature \_\_\_\_\_

Signature *Shincy Maliekkal*

State of \_\_\_\_\_

State of ILLINOIS

County of \_\_\_\_\_

County of Lake

On \_\_\_\_\_ before me, \_\_\_\_\_ (Notary Public), personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

On 18-March-2013 before me, Julie A. Hoff (Notary Public), personally appeared Shincy Maliekkal, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and office seal.

WITNESS my hand and office seal.

Notary  
Signature \_\_\_\_\_Notary  
Signature *Julie A. Hoff*

(Seal)

(Seal)





**ASSIGNMENT  
(Joint Inventors)**

Serial No. 13/797,086

Filed: March 12, 2013

Attorney Docket No: P6324US01 BX2013T00703  
(3712044-03992)

For good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, we hereby assign to **BAXTER INTERNATIONAL INC.**, a corporation of Delaware, having a principal place of business at Deerfield, Illinois, its successors, legal representatives and assigns, and to **BAXTER HEALTHCARE S.A.**, a corporation of Switzerland, having a principal place of business at Glattpark (Opfikon), Switzerland, its successors, legal representatives and assigns (hereinafter jointly referred to as "assignee") the entire right, title and interest throughout the world, to the extent not previously assigned to assignee, in our invention or improvements in

**INTEGRATED WATER TESTING SYSTEM AND METHOD FOR ULTRA-LOW TOTAL CHLORINE DETECTION**

and, effective as of the date of filing, in the above listed application(s) for Letters Patent therefor, executed by each of us individually, and any and all other patent applications in any and all countries which have been or may hereafter be filed, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of any country which may be obtained on any of the said applications, and in any reissue or extension thereof and any applications that claim priority thereto, including any regional and national stage applications.

We hereby authorize and request the patent offices of all countries to issue to the said assignee all patents that may issue on said invention or improvements. We hereby authorize and request the attorneys of record in said application to insert in this assignment the date and serial number and docket number of said applications when officially known.

We warrant ourselves to be the owners of the interest herein assigned and to have the right to make this assignment; and further warrant that there are no outstanding prior assignments, licenses, or other rights to any person or entity other than the assignee in the interest herein assigned.

For said considerations we hereby agree, upon the request and at the expense of said assignee, its successors, legal representatives and assigns, to execute any and all divisional, continuation, and renewal applications for said invention or improvements, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, including any regional and national stage applications that claim priority thereto, that said assignee, its successors, legal representatives and assigns may deem necessary or expedient, and for the said considerations we further agree, upon the request of said assignee, its successors, legal representatives and assigns, in the event of said application or any continuation or division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof becoming involved in interference, to cooperate to the best of our ability with said assignee, its successors, legal representatives and assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof.

We further agree to perform, upon such request, any and all affirmative acts, including but not limited to execution of any and all documents deemed necessary or expedient by the said assignee or its successors, legal representatives or assigns, to obtain Letters Patent, and vest all rights therein hereby conveyed in the said assignee, its successors, legal representatives and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, its successors, legal representatives and assigns to the end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, and for the said considerations we hereby also assign to said assignee, its successors, legal representatives and assigns the entire right, title and interest in said invention or improvements for any and all foreign countries and the right of priority for patent and utility model applications in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we further agree upon the request of said assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

**Baxter**

**Signature Sheet  
(Joint Inventors)**

Serial No. 13/797,086

Filed: March 12, 2013

Attorney Docket No: P6324US01 BX2013T00703  
(3712044-03992)

**INTEGRATED WATER TESTING SYSTEM AND METHOD FOR ULTRA-LOW TOTAL CHLORINE DETECTION**

Inventor Name: Kevin Cooper

Inventor Name:

Date March 18, 2013

Date \_\_\_\_\_

Signature Kevin J. Cooper

Signature \_\_\_\_\_

State of Illinois

State of \_\_\_\_\_

County of Lake

County of \_\_\_\_\_

On 18-Mar-2013 before me, Julie A. Hoff (Notary Public), personally appeared Kevin J. Cooper, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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WITNESS my hand and office seal.

WITNESS my hand and office seal.

Notary

Signature

(Seal)

Notary

Signature

(Seal)

