

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Donald G. Wallace</td> <td>01/18/2012</td> </tr> <tr> <td>Cary J. Reich</td> <td>01/30/2012</td> </tr> <tr> <td>Narinder S. Shargill</td> <td>01/21/2012</td> </tr> <tr> <td>Felix Vega</td> <td>02/01/2012</td> </tr> <tr> <td>A. Edward Osawa</td> <td>01/17/2012</td> </tr> <tr> <td>Zhen Qian-Wallis</td> <td>02/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Donald G. Wallace	01/18/2012	Cary J. Reich	01/30/2012	Narinder S. Shargill	01/21/2012	Felix Vega	02/01/2012	A. Edward Osawa	01/17/2012	Zhen Qian-Wallis	02/02/2012
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Baxter International Inc.</td> </tr> <tr> <td>Street Address:</td> <td>One Baxter Parkway</td> </tr> <tr> <td>City:</td> <td>Deerfield</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>80015</td> </tr> </table>		Name:	Baxter International Inc.	Street Address:	One Baxter Parkway	City:	Deerfield	State/Country:	ILLINOIS	Postal Code:	80015				
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<table border="1"> <tr> <td>Name:</td> <td>Baxter Healthcare S.A.</td> </tr> <tr> <td>Street Address:</td> <td>Thurgauerstrasse 130</td> </tr> <tr> <td>City:</td> <td>Glattpark (Opfikon)</td> </tr> <tr> <td>State/Country:</td> <td>SWITZERLAND</td> </tr> <tr> <td>Postal Code:</td> <td>8142</td> </tr> </table>		Name:	Baxter Healthcare S.A.	Street Address:	Thurgauerstrasse 130	City:	Glattpark (Opfikon)	State/Country:	SWITZERLAND	Postal Code:	8142				
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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>13665475</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13665475										
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Application Number:	13665475														
CORRESPONDENCE DATA															
Fax Number:	4155760300														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	303-571-4000														
Email:	ncassell@kilpatricktownsend.com														

OP \$40.00 13665475

Correspondent Name: Nathan S. Cassell
Address Line 1: Kilpatrick Townsend & Stockton LLP
Address Line 2: Two Embarcadero Center - 8th Floor
Address Line 4: San Francisco, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER: 87153-856258 (003307US)

NAME OF SUBMITTER: Nathan S. Cassell

Total Attachments: 25

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**ASSIGNMENT
(Joint Inventors)**

Serial No. 13/174,953

Filed: July 1, 2011

Attorney Docket No. 81202-807314

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

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

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 representative 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.

WITNESS our hand and seal.

Baxter

*Signature Sheet
(Joint Inventors)*

Serial No. 13/174,983

Filed: July 1, 2011

Attorney Docket No.: 81262-807314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

Inventor Name: Donald G. Wallace

Inventor Name: Cary J. Reich

Date 1/18/2012

Date _____

Signature Donald G. Wallace

Signature _____

State of CA

State of _____

County of SAN MATEO

County of _____

On 1/18/12 before me,

On _____ before me,

BERNARD TONG (Notary Public),

_____ (Notary Public),

personally appeared Present, 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.

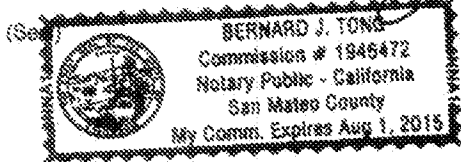
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WITNESS my hand and official seal.

WITNESS my hand and official seal.

Notary
Signature _____

Notary Signature _____



(Seal)



Supplemental Signature Sheet
(Joint Inventors)

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No.: 81282-807314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

Inventor Name: Narinder S. Shargill

Inventor Name: Felix Vega

Date _____

Date _____

Signature _____

Signature _____

State of _____

State of _____

County of _____

County of _____

On _____ before me,

On _____ before me,

_____ (Notary Public),

_____ (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.

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WITNESS my hand and official seal.

WITNESS my hand and official seal.

Notary
Signature _____

Notary Signature _____

(Seal)

(Seal)

Baxter

**Supplemental Signature Sheet
(Joint Inventors)**

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No.: 61202-807314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

Inventor Name: A. Edward Osawa

Inventor Name: Zhen Qian

Date _____

Date _____

Signature _____

Signature _____

State of _____

State of _____

County of _____

County of _____

On _____ before me,

On _____ before me,

_____ (Notary Public),

_____ (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

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WITNESS my hand and official seal.

WITNESS my hand and official seal.

Notary
Signature _____

Notary Signature _____

(Seal)

(Seal)

63706062 v1



**ASSIGNMENT
(Joint Inventors)**

Serial No. 13/174,963

Filed July 1, 2011

Attorney Docket No. 81202-807314

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FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

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.

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WITNESS our hand and seal.



Signature Sheet
(Joint Inventors)

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No.: 81202-807314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

Inventor Name: Donald G. Wallace

Inventor Name: Cary J. Reich

Date _____

Date Jan 30, 2012

Signature _____

Signature Cary J. Reich

State of _____

State of CALIFORNIA

County of _____

County of SAN MATEO

On _____ before me,

On JANUARY 30, 2012 before me,

(Notary Public),

Elena C. Herrmann
(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.

personally appeared Cary J. Reich, 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 official seal.

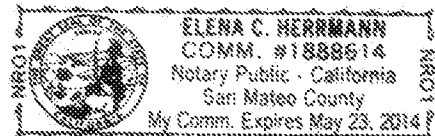
WITNESS my hand and official seal.

Notary
Signature _____

Notary Signature Elena C. Herrmann

(Seal)

(Seal)





Supplemental Signature Sheet
(Joint Inventors)

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No.: 81202-807314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

Inventor Name: Narinder S. Shargill

Inventor Name: Felix Vega

Date _____

Date _____

Signature _____

Signature _____

State of _____

State of _____

County of _____

County of _____

On _____ before me,

On _____ before me,

_____ (Notary Public).

_____ (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.

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WITNESS my hand and official seal.

WITNESS my hand and official seal.

Notary Signature _____

Notary Signature _____

(Seal)

(Seal)

Baxter

**Supplemental Signature Sheet
(Joint Inventors)**

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No.: 81202-807314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

Inventor Name: A. Edward Osawa

Inventor Name: Zhen Qian

Date _____

Date _____

Signature _____

Signature _____

State of _____

State of _____

County of _____

County of _____

On _____ before me,

On _____ before me,

_____ (Notary Public),

_____ (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.

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WITNESS my hand and official seal.

Notary
Signature _____

Notary Signature _____

(Seal)

(Seal)

83708062 v1



**ASSIGNMENT
(Joint Inventors)**

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No.:81202-807314

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FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

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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WITNESS our hand and seal.



Signature Sheet
(Joint Inventors)

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No.: 81202-807314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

Inventor Name: Donald G. Wallace

Inventor Name: Cary J. Reich

Date _____

Date _____

Signature _____

Signature _____

State of _____

State of _____

County of _____

County of _____

On _____ before me,

On _____ before me,

_____ (Notary Public).

_____ (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.

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WITNESS my hand and official seal.

WITNESS my hand and official seal.

Notary
Signature _____

Notary Signature _____

(Seal)

(Seal)



Supplemental Signature Sheet
(Joint Inventors)

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No.: 81202-807314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

Inventor Name: Narinder S. Shargill

Inventor Name: Felix Vega

Date January 21, 2012

Date _____

Signature [Handwritten Signature]

Signature _____

State of California

State of _____

County of Alameda

County of _____

On January 21, 2012 before me,

On _____ before me,

Sandra Soto (Notary Public)

_____ (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.

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WITNESS my hand and official seal.

WITNESS my hand and official seal.

Notary Signature _____

Notary Signature _____

(Seal)

(Seal)

SEE ATTACHED ACKNOWLEDGEMENT

ACKNOWLEDGMENT

State of California
County of Contra Costa

On January 21, 2012 before me, Sandra Soto notary public
(insert name and title of the officer)

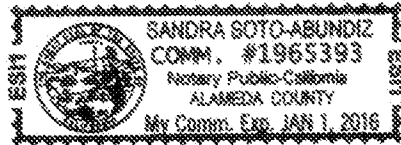
personally appeared Narinder Singh Sharqill
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their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

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal

Signature *Sandra Soto*

(Seal)





Supplemental Signature Sheet
(Joint Inventors)

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No.: 81202-807314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

Inventor Name: A. Edward Osawa

Inventor Name: Zhen Qian

Date _____

Date _____

Signature _____

Signature _____

State of _____

State of _____

County of _____

County of _____

On _____ before me,

On _____ before me,

_____ (Notary Public),

_____ (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.

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 official seal.

WITNESS my hand and official seal.

Notary Signature _____

Notary Signature _____

(Seal)

(Seal)

63706062 v1



**ASSIGNMENT
(Joint Inventors)**

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No. B1202-807314

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 Giattpark (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

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

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.

WITNESS our hand and seal.



Signature Sheet
(Joint Inventors)

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No. 81202-807314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

Inventor Name: Donald G. Wallace

Inventor Name: Cary J. Reich

Date _____

Date _____

Signature _____

Signature _____

State of _____

State of _____

County of _____

County of _____

On _____ before me,

On _____ before me,

_____ (Notary Public),

_____ (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.

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 official seal.

WITNESS my hand and official seal.

Notary Signature _____

Notary Signature _____

(Seal)

(Seal)

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No.: 81202-807314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

Inventor Name: Narinder S. Shargill

Inventor Name: Felix Vega

Date _____

Date FEBRUARY 1, 2012

Signature _____

Signature Felix Vega

State of _____

State of CALIFORNIA

County of _____

County of SAN FRANCISCO

On _____ before me,

On Feb 01, 2012 before me,

(Notary Public),

MALOOK SINGH SAINI
Malook Saini (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.

personally appeared FELIX VEGA, 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 official seal.

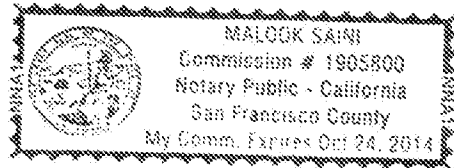
WITNESS my hand and official seal.

Notary Signature _____

Notary Signature Malook Saini

(Seal)

(Seal)





Supplemental Signature Sheet
(Joint Inventors)

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No.: 81202-807314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

Inventor Name: A. Edward Osawa

Inventor Name: Zhen Qian

Date _____

Date _____

Signature _____

Signature _____

State of _____

State of _____

County of _____

County of _____

On _____ before me,

On _____ before me,

_____ (Notary Public),

_____ (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.

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WITNESS my hand and official seal

WITNESS my hand and official seal.

Notary
Signature _____

Notary Signature _____

(Seal)

(Seal)

63706062 v1



**ASSIGNMENT
(Joint Inventors)**

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No.: 81202-807314

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

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

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.

WITNESS our hand and seal.



Signature Sheet
(Joint Inventors)

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No. 81202-607314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

Inventor Name: Donald G. Wallace

Inventor Name: Cary J. Reich

Date _____

Date _____

Signature _____

Signature _____

State of _____

State of _____

County of _____

County of _____

On _____ before me,

On _____ before me,

_____ (Notary Public),

_____ (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.

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WITNESS my hand and official seal.

WITNESS my hand and official seal.

Notary
Signature _____

Notary Signature _____

(Seal)

(Seal)



Supplemental Signature Sheet
(Joint Inventors)

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No.: 81202-807314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

Inventor Name: Narinder S. Shargill

Inventor Name: Felix Vega

Date _____

Date _____

Signature _____

Signature _____

State of _____

State of _____

County of _____

County of _____

On _____ before me,

On _____ before me,

_____ (Notary Public),

_____ (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.

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WITNESS my hand and official seal.

WITNESS my hand and official seal.

Notary
Signature _____

Notary Signature _____

(Seal)

(Seal)

Baxter

**Supplemental Signature Sheet
(Joint Inventors)**

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No.: 81202-807314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

Inventor Name: A. Edward Osawa

Inventor Name: Zhen Qian

Date January 17, 2012

Date _____

Signature [Handwritten Signature]

Signature _____

State of California

State of _____

County of Alameda

County of _____

On January 17, 2012 before me,

On _____ before me,

[Handwritten Signature] (Notary Public),

_____ (Notary Public),

personally appeared A. Edward Osawa, 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 official seal.

WITNESS my hand and official seal.

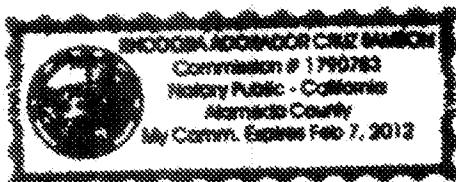
Notary Signature [Handwritten Signature]

Notary Signature _____

(Seal)

(Seal)

63706082 v1





**ASSIGNMENT
(Joint Inventors)**

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No.: 81202-807314

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

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

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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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.

WITNESS our hand and seal.



Signature Sheet
(Joint Inventors)

Serial No. 13/174,963

Filed: July 1, 2011

Attorney Docket No.: 81202-807314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

Inventor Name: Donald G. Wallace

Inventor Name: Cary J. Reich

Date _____

Date _____

Signature _____

Signature _____

State of _____

State of _____

County of _____

County of _____

On _____ before me,

On _____ before me,

_____ (Notary Public),

_____ (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.

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 official seal.

WITNESS my hand and official seal.

Notary
Signature _____

Notary Signature _____

(Seal)

(Seal)



Supplemental Signature Sheet
(Joint Inventors)

Serial No. 13/174,983

Filed: July 1, 2011

Attorney Docket No.: 81202-807314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

Inventor Name: Narinder S. Shargill

Inventor Name: Felix Vega

Date

Date

Signature

Signature

State of

State of

County of

County of

On before me,

On before me,

..... (Notary Public),

..... (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.

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WITNESS my hand and official seal.

WITNESS my hand and official seal.

Notary Signature

Notary Signature

(Seal)

(Seal)

Baxter

**Supplemental Signature Sheet
(Joint Inventors)**

Serial No. 13/174,953

Filed: July 1, 2011

Attorney Docket No.: 91202-807314

FRAGMENTED POLYMERIC COMPOSITIONS AND METHODS FOR THEIR USE

ZBW February 2, 2012

Inventor Name: A. Edward Osawa

Inventor Name: Zhen Qian *WALLIS*

Date _____

Date *February 2, 2012*

Signature _____

Signature *Z Q Wallis*

State of _____

State of *CALIFORNIA*

County of _____

County of *ALAMEDA*

On _____ before me,

On *Feb. 2nd, 2012* before me,

_____ (Notary Public),

DAPINDER BHAGRATH (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.

personally appeared *ZHENQIAN WALLIS* 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~~ *he/she* executed the same in ~~his/her/their~~ *his/her* authorized capacity(ies), and that by ~~his/her/their~~ *his/her* 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 official seal.

WITNESS my hand and official seal.

Notary Signature _____

Notary Signature *Dapinder Bhagrath*

(Seal)

(Seal)

63708062 v1

