

## 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>MARC V. GORENSTEIN</td> <td>06/06/2008</td> </tr> <tr> <td>SCOTT J. GEROMANOS</td> <td>06/17/2008</td> </tr> <tr> <td>JEFFREY CRUZ SILVA</td> <td>06/11/2008</td> </tr> <tr> <td>GUO-ZHONG LI</td> <td>06/10/2008</td> </tr> </tbody> </table>		Name	Execution Date	MARC V. GORENSTEIN	06/06/2008	SCOTT J. GEROMANOS	06/17/2008	JEFFREY CRUZ SILVA	06/11/2008	GUO-ZHONG LI	06/10/2008
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>WATERS INVESTMENTS LIMITED</td> </tr> <tr> <td>Street Address:</td> <td>109 LUKENS DRIVE</td> </tr> <tr> <td>City:</td> <td>NEW CASTLE</td> </tr> <tr> <td>State/Country:</td> <td>DELAWARE</td> </tr> <tr> <td>Postal Code:</td> <td>19720</td> </tr> </table>		Name:	WATERS INVESTMENTS LIMITED	Street Address:	109 LUKENS DRIVE	City:	NEW CASTLE	State/Country:	DELAWARE	Postal Code:	19720
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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>13863492</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13863492						
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CORRESPONDENCE DATA											
<p>Fax Number: (508)898-8602  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 5088988601        Email: docketing@westboro-ip.com</p> <p>Correspondent Name: MUIRHEAD AND SATURNELLI, LLC        Address Line 1: 200 FRIBERG PARKWAY        Address Line 2: SUITE 1001        Address Line 4: WESTBOROUGH, MASSACHUSETTS 01581</p>											
ATTORNEY DOCKET NUMBER:	WCS-029CON2										
NAME OF SUBMITTER:	ANNE E. SATURNELLI										
Signature:	/Anne E. Saturnelli/										

PATENT

Date:

10/02/2013

**Total Attachments: 4**

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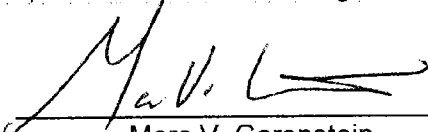
**ASSIGNMENT BY INVENTOR**

For valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, sell, assign and transfer to Waters Investments Limited, a Delaware corporation having a principal place of business at 109 Lukens Drive, New Castle, Delaware 19720, its successors and assigns, the entire right, title and interest for the United States of America and all foreign countries in and to any and all inventions disclosed in a patent application titled METHODS AND APPARATUS FOR FRACTIONATION-BASED CHEMICAL ANALYSIS, filed on December 3, 2007, in the United States Patent and Trademark Office and having Serial No. 11/916,320, including all rights of priority under the International Convention for the Protection of Industrial Property, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And, I agree, for myself and my executors and administrators, with said corporation and its successors and assigns, but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation, and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

I hereby grant the counsel of said corporation the power to insert on this Assignment the serial number of said patent application and any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

Date: 6/6, 2008

By:   
Marc V. Gorenstein

Commonwealth of Massachusetts  
County of Worcester

Before me personally appeared Marc V. Gorenstein and acknowledged the foregoing instrument to be his/her free act and deed this 6<sup>th</sup> day of June, 2008.





ALEXANDRA M. REGO  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
March 5, 2015

**PATENT**  
**REEL: 021135 FRAME: 0955**

**PATENT**  
**REEL: 031327 FRAME: 0463**

**ASSIGNMENT BY INVENTOR**

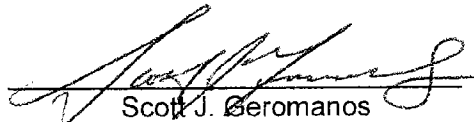
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Date: June 17, 2008

By:

  
Scott J. Geromanos

Commonwealth of Massachusetts  
County of Worcester

Before me personally appeared Scott J. Geromanos and acknowledged the foregoing instrument to be his/her free act and deed this 17<sup>th</sup> day of June, 2008.

Alexandra Mlego

PATENT  
REEL: 021135 FRAME: 0956

PATENT  
REEL: 031327 FRAME: 0464

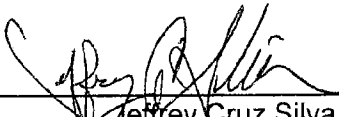
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Date: June 11<sup>th</sup>, 2008

By:   
Jeffrey Cruz Silva

Commonwealth of Massachusetts  
County of Worcester

Before me personally appeared Jeffrey Cruz Silva and acknowledged the foregoing instrument to be his/her free act and deed this 11<sup>th</sup> day of June, 2008.

Alexandra M. Rego



ALEXANDRA M. REGO  
Notary Public

Commonwealth of Massachusetts  
My Commission Expires  
March 5, 2015

**PATENT**  
**REEL: 021135 FRAME: 0957**

**PATENT**  
**REEL: 031327 FRAME: 0465**

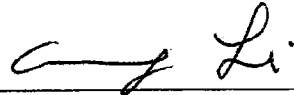
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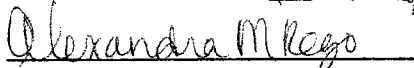
I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.


Date: 6/10, 2008

By:   
Guo-Zhong Li

Commonwealth of Massachusetts  
County of Worcester

Before me personally appeared Guo-Zhong Li and acknowledged the foregoing instrument to be his/her free act and deed this 10<sup>th</sup> day of June, 2008.



 ALEXANDRA M. REGO  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
March 5, 2015

RECORDED: 06/23/2008

PATENT  
REEL: 021135 FRAME: 0958

RECORDED: 10/02/2013

PATENT  
REEL: 031327 FRAME: 0466