

## 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>Jonathan M Rothberg</td> <td>07/27/2009</td> </tr> <tr> <td>James M Bustillo</td> <td>07/28/2009</td> </tr> <tr> <td>Mark Milgrew</td> <td>07/16/2009</td> </tr> <tr> <td>Jonathan C Schultz</td> <td>07/16/2009</td> </tr> <tr> <td>David Marran</td> <td>08/04/2009</td> </tr> <tr> <td>Todd M Rearick</td> <td>07/16/2009</td> </tr> <tr> <td>Kim L Johnson</td> <td>07/24/2009</td> </tr> </tbody> </table>		Name	Execution Date	Jonathan M Rothberg	07/27/2009	James M Bustillo	07/28/2009	Mark Milgrew	07/16/2009	Jonathan C Schultz	07/16/2009	David Marran	08/04/2009	Todd M Rearick	07/16/2009	Kim L Johnson	07/24/2009
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<table border="1"> <tr> <td>Name:</td> <td>Life Technologies Corporation</td> </tr> <tr> <td>Street Address:</td> <td>5791 Van Allen Way</td> </tr> <tr> <td>City:</td> <td>Carlsbad</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92008</td> </tr> </table>		Name:	Life Technologies Corporation	Street Address:	5791 Van Allen Way	City:	Carlsbad	State/Country:	CALIFORNIA	Postal Code:	92008						
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13149331</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13149331												
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Application Number:	13149331																
CORRESPONDENCE DATA																	
Fax Number:	(760)268-8393																
Email:	LifetechDocket@system.foundationip.com																
<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:	Jonathan Putnam																
Address Line 1:	5791 Van Allen Way																
Address Line 2:	Life Technologies Corporation																
Address Line 4:	Carlsbad, CALIFORNIA 92008																
ATTORNEY DOCKET NUMBER:	LT00326																

CH \$40.00 13149331

NAME OF SUBMITTER:

Elizabeth Morgan

**Total Attachments: 9**

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned hereby:

Sell, assign and transfer to **Ion Torrent Systems Incorporated**, a Delaware corporation having a place of business at **37 Soundview Road, Guilford, CT 06437**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on **May 29, 2009** under Serial No. **12/475,311**, bearing Attorney Docket No. C1254.70015US03, and entitled **METHODS AND APPARATUS FOR MEASURING ANALYTES**, and in and to said application and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;

Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;

Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal.

Date 7/27/09  
Inventor: Jonathan M. Rothberg  
Address: 1701 Moose Hill Road  
Guilford, CT 06437  
Citizenship: United States

STATE/Commonwealth of Connecticut :  
COUNTY OF New Haven :

Sworn to and subscribed before me on this 27<sup>th</sup> day of July, 20 09,  
under the pains and penalties of perjury under the laws of the United States of America.

SEAL

**LINDA STEVENS**  
NOTARY PUBLIC  
STATE OF CONNECTICUT  
My Commission Expires Sept. 30, 2013

Linda Ste  
Notary Public  
My commission expires: Sept 30 2013

PATENT  
REEL: 023066 FRAME: 0164

PATENT  
REEL: 028024 FRAME: 0984

This instrument is executed under seal.

7-28-09  
Date

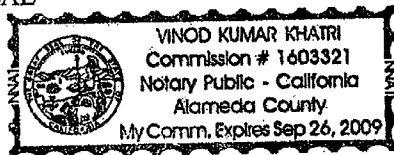
James M. Bustillo  
Inventor: James M. Bustillo  
Address: 18396 Magee Way  
Castro Valley, CA 95646

Citizenship: United States

STATE/Commonwealth of California :  
COUNTY OF Alameda :

Sworn to and subscribed before me on this 28 day of July, 2009,  
under the pains and penalties of perjury under the laws of the United States of America.

SEAL



Vinod Khatri  
Notary Public  
My commission expires: 09/26/2009

PATENT  
REEL: 023066 FRAME: 0165

PATENT  
REEL: 028024 FRAME: 0985

ACKNOWLEDGEMENT

State of California

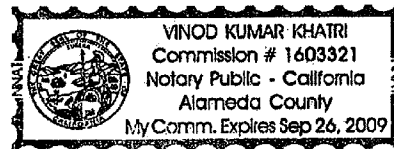
County of Alameda

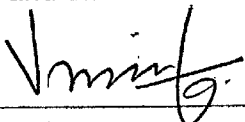
On 07/28/09, before me, Vinod K. Khatri, a  
notary public, personally appeared James M. Bustillo

\_\_\_\_\_, 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  (Seal)

OPTIONAL

Description of Attached Document

Title or Type of Document Declaration

Document Date 07/28/09

Number of Pages 3

PATENT

REEL: 023066 FRAME: 0166

PATENT

REEL: 028024 FRAME: 0986

This instrument is executed under seal.

16 - JUL - 2009  
Date  
Inventor: M. Milgrew  
Address: Mark J. Milgrew  
71 Florence Road  
Branford, CT 06405  
Citizenship: United Kingdom

STATE/Commonwealth of Connecticut :  
COUNTY OF New Haven

Sworn to and subscribed before me on this 16<sup>th</sup> day of July, 20 09,  
under the pains and penalties of perjury under the laws of the United States of America.

SEAL  
LINDA STEVENS  
NOTARY PUBLIC  
STATE OF CONNECTICUT  
My Commission Expires Sept. 30, 2013

Linda Ste  
Notary Public  
My commission expires: Sept 30 2013

PATENT  
REEL: 023066 FRAME: 0167

PATENT  
REEL: 028024 FRAME: 0987

This instrument is executed under seal.

7/16/2009  
Date

Jonathan C. Schultz  
Inventor: Jonathan C. Schultz  
Address: 7 Jasmine Road  
Oxford, MA 01540

Citizenship: United States

STATE/Commonwealth of Connecticut :  
COUNTY OF New Haven

Sworn to and subscribed before me on this 16<sup>th</sup> day of July, 2009,  
under the pains and penalties of perjury under the laws of the United States of America.

SEAL

LINDA STEVENS  
NOTARY PUBLIC  
STATE OF CONNECTICUT  
My Commission Expires Sept. 30, 2013

Linda Stevens  
Notary Public  
My commission expires: Sept 30, 2013

PATENT  
REEL: 023066 FRAME: 0168

PATENT  
REEL: 028024 FRAME: 0988



This instrument is executed under seal.

8/4/09  
Date  
Inventor: David Marran  
Address: 55 Clark Road  
Durham, CT 06422  
Citizenship: United States

STATE/Commonwealth of Connecticut :  
COUNTY OF New Haven :

Sworn to and subscribed before me on this 4th day of August, 2009,  
under the pains and penalties of perjury under the laws of the United States of America.

SEAL

LINDA STEVENS  
NOTARY PUBLIC  
STATE OF CONNECTICUT  
My Commission Expires Sept. 30, 2013

Linda Stevens  
Notary Public  
My commission expires: Sept 30 2013

PATENT  
REEL: 023066 FRAME: 0169

PATENT  
REEL: 028024 FRAME: 0989

This instrument is executed under seal.

7/16/2009  
Date  
Inventor: Todd M. Rearick  
Address: 5 Wyndmere Ct.  
Cheshire, CT 06410  
Citizenship: United States

STATE/Commonwealth of Connecticut :  
COUNTY OF New Haven:

Sworn to and subscribed before me on this 16<sup>th</sup> day of July, 2009,  
under the pains and penalties of perjury under the laws of the United States of America.

SEAL

LINDA STEVENS  
NOTARY PUBLIC  
STATE OF CONNECTICUT  
My Commission Expires Sept. 30, 2013

Linda Stevens  
Notary Public  
My commission expires: Sept 30 2013

PATENT  
REEL: 023066 FRAME: 0170

PATENT  
REEL: 028024 FRAME: 0990

This instrument is executed under seal.

7-24-09  
Date  
Inventor: Kim L. Johnson  
Address: 1847 Lotus Ct.  
Carlsbad, CA 92011  
Citizenship: United States

STATE/Commonwealth of CALIFORNIA :  
COUNTY OF SAN DIEGO :

Sworn to and subscribed before me on this 24<sup>th</sup> day of July, 2009,  
under the pains and penalties of perjury under the laws of the United States of America.

SEAL



[Signature] Notary Public  
My commission expires: August 18, 2012

RECORDED: 08/07/2009

PATENT  
REEL: 023066 FRAME: 0171

RECORDED: 04/11/2012

PATENT  
REEL: 028024 FRAME: 0991