

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jonathan Rothberg</td> <td>10/01/2008</td> </tr> <tr> <td>Wolfgang Hinz</td> <td>09/30/2008</td> </tr> <tr> <td>Kim Johnson</td> <td>10/03/2008</td> </tr> <tr> <td>James Bustillo</td> <td>10/06/2008</td> </tr> </tbody> </table>		Name	Execution Date	Jonathan Rothberg	10/01/2008	Wolfgang Hinz	09/30/2008	Kim Johnson	10/03/2008	James Bustillo	10/06/2008		
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<table border="1"> <tr> <td>Name:</td> <td>Ion Torrent Systems Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>37 Soundview Road</td> </tr> <tr> <td>City:</td> <td>Guilford</td> </tr> <tr> <td>State/Country:</td> <td>CONNECTICUT</td> </tr> <tr> <td>Postal Code:</td> <td>06437</td> </tr> </table>		Name:	Ion Torrent Systems Incorporated	Street Address:	37 Soundview Road	City:	Guilford	State/Country:	CONNECTICUT	Postal Code:	06437		
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CORRESPONDENCE DATA													
Fax Number:	7604766048												
Phone:	760-268-8709												
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:	Life Technologies Corporation												
Address Line 1:	5791 Van Allen Way												
Address Line 4:	CARLSBAD, CALIFORNIA 92008												

CH \$200.00 13555992

PATENT

ATTORNEY DOCKET NUMBER:	LT00325.21 - .26 TRK 1
NAME OF SUBMITTER:	Brenda Mannon
Total Attachments: 5 source=12002291Assignment#page1.tif source=12002291Assignment#page2.tif source=12002291Assignment#page3.tif source=12002291Assignment#page4.tif source=12002291Assignment#page5.tif	

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 **December 14, 2007** under Serial No. **12/002,291**, bearing Attorney Docket No. **C1254.70001US01**, and entitled **METHODS AND APPARATUS FOR MEASURING ANALYTES USING LARGE SCALE FET ARRAYS**, 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.

10/1/2008
Date

Jonathan M. Rothberg
Inventor: Jonathan M. Rothberg
Address: 1701 Moose Hill Road
Guilford, CT 06437

Citizenship: United States

STATE/Commonwealth of Connecticut :
COUNTY OF New Haven :

On this 1st day of Oct, 2008 before me, the undersigned notary public, personally appeared **Jonathan M. ROTHBERG**, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL Linda Stevens
Notary Public

My commission expires September 30, 2013

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

This instrument is executed under seal.

9/30/2009
Date

[Signature]
Inventor: Wolfgang Hinz

Address: 625 Orange Street
Apartment 5
New Haven, CT 06511

Citizenship: Germany

STATE/Commonwealth of Connecticut :
COUNTY OF New Haven :

On this 30th day of September, 2009, before me, the undersigned notary public, personally appeared **Wolfgang HINZ**, proved to me through satisfactory evidence of identification, which were Passport, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

[Signature]
Notary Public

My commission expires Sept 30, 2013

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

This instrument is executed under seal.

10-03-08
Date

Kim L. Johnson
Inventor: Kim L. Johnson

Address: 1847 Lotus Ct.
Carlsbad, CA 92011

Citizenship: United States

STATE/Commonwealth of California :
COUNTY OF San Diego :

On this 3 day of 10, 2008, before me, the undersigned notary public, personally appeared Kim L. JOHNSON, proved to me through satisfactory evidence of identification, which were CADL, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL Ana Beltran
Notary Public

My commission expires

Jul, 26, 2012



This instrument is executed under seal.

10-06-08
Date

James M. Bustillo
Inventor: James Bustillo

Address: 18396 Magee Way
Castro Valley, CA 95646

Citizenship: United States

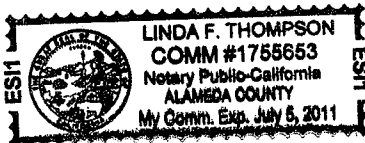
STATE/Commonwealth of California:

COUNTY OF Alameda:

On this 6th day of Oct, 2008, before me, the undersigned notary public, personally appeared James BUSTILLO, proved to me through satisfactory evidence of identification, which were CA driver license, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (~~her~~) knowledge and belief and acknowledged to me that (he) (~~she~~) signed it voluntarily for its stated purpose.

SEAL Linda F. Thompson
Notary Public

My commission expires 7/5/11



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