PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3934777

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONATHAN M. ROTHBERG	07/23/2010
WOLFGANG HINZ	07/24/2010

RECEIVING PARTY DATA

Name:	ION TORRENT SYSTEMS INCORPORATED	
Street Address:	5823 NEWTON DRIVE	
City:	CARLSBAD	
State/Country:	CALIFORNIA	
Postal Code:	92008	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15192225

CORRESPONDENCE DATA

Fax Number: (760)476-6048

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.

Phone: 760-603-7200

Email: lifetechdocket@system.foundationip.com

Correspondent Name: MONICA BAIG-SILVA Address Line 1: **5823 NEWTON DRIVE**

Address Line 4: CARLSBAD, CALIFORNIA 92008

ATTORNEY DOCKET NUMBER:	LT00327.1 CIP DIV	
NAME OF SUBMITTER:	MARY K. CHACON	
SIGNATURE:	/Mary K. Chacon/	
DATE SIGNED:	06/24/2016	

Total Attachments: 3

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PATENT REEL: 039005 FRAME: 0729 503888128

DOCKET NO.: 70006

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 7000 Shoreline Court, Suite 201, South San Francisco, CA 94080, 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 patent application filed in the United States Patent and Trademark Office on June 26, 2009 under Serial No. 12/492,844, bearing Attorney Docket No. 70006, and entitled METHODS AND APPARATUS FOR DETECTING MOLECULAR INTERACTIONS USING 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;

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.

This instrument is executed under seal.

PATENT REEL: 039005 FRAME: 0730 Docket No. 70006 Assignment

This instrument is executed under seal.

Inventor

Inventor: Jonathan M. Rothberg
Address: 215 Uncas Point Raod
Guilford, CT 06437

Citizenship: United States

PATENT REEL: 039005 FRAME: 0731 Docket No. 70006 Assignment

This instrument is executed under seal.

Inventor:

Wolfgang Hinz

Address:

625 Orange Street, Apt. 5 New Haven, CT 06511

Citizenship: Germany

PATENT REEL: 039005 FRAME: 0732

RECORDED: 06/24/2016