

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5301452

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN Z. SANBORN	08/24/2012
DAVID HAUSSLER	08/24/2012
RECEIVING PARTY DATA	
Name:	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
Street Address:	1111 FRANKLIN STREET
City:	OAKLAND
State/Country:	CALIFORNIA
Postal Code:	94607-5200
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14567774
CORRESPONDENCE DATA	
Fax Number:	(858)350-6111
<i>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.</i>	
Phone:	858-350-6100
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Address Line 1:	1100 PEACHTREE STREET
Address Line 2:	SUITE 2800
Address Line 4:	ATLANTA, GEORGIA 30309
ATTORNEY DOCKET NUMBER:	102913-001821US-1096982
NAME OF SUBMITTER:	WILLIAM H. GORMAN
SIGNATURE:	/William H. Gorman/
DATE SIGNED:	12/27/2018
Total Attachments: 4	
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source=Assignment_From_Parent_102913-001821US-1096982#page4.tif	

PATENT AND INVENTION ASSIGNMENT

WHEREAS, the undersigned:

John Z. Sanborn, a citizen of the United States of America, at 101 Cooper Street, Santa Cruz, California 95060, United States of America, and

David Haussler, a citizen of the United States of America, at 101 Cooper Street, Santa Cruz, California 95060, United States of America (hereinafter collectively referred to as "Assignors") have invented certain inventions and improvements disclosed in a U.S. non-provisional application entitled **BAMBAM: PARALLEL COMPARATIVE ANALYSIS OF HIGH-THROUGHPUT SEQUENCING DATA** which application was filed in the United States Patent & Trademark Office ("USPTO") on November 18, 2011 under Serial No. **13/373,550** (hereinafter referred to as "Application");

WHEREAS, it is agreed that **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA**, a University of the State of California, having its principal place of business at 1111 Franklin Street, Oakland, California 94607-5200, is entitled to or is desirous of acquiring all right, title and interest related to the same;

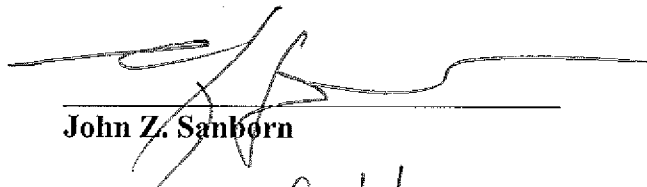
NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors, by these presents, do sell, assign and transfer unto **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said Applications, (ii) in and to said Applications, (iii) in and to all national applications and divisional, continuation, and continuation-in-part applications describing in whole or in part the said inventions and improvements, preparatory to obtaining patents and similar protective rights in all countries worldwide, including, without limitation, all, countries designated in the PCT Application, (iv) in and to any patent applications filed in any country describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code and/or under international treaty, (v) in and to any patents and similar protective rights granted on the aforementioned, (vi) in and to any reissues and extensions of the patents and protective rights, and (vii) in and to the right to claim any applicable foreign and domestic priority rights arising from any of the afore-mentioned Applications under the terms of any applicable conventions, treaties, statutes, or regulations; and

Assignors do hereby request the patent authorities of each country to issue any and all Patents resulting from said aforementioned Applications, to **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** as Assignee, for its interest and for the sole use and behoof of **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** and its assigns and legal representatives;

AND, for the same consideration, (i) Assignors do hereby appoint **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** as Assignors' attorney-in-fact to execute all documents (including without limitation assignments and appointments of agents and representatives) and to take all actions in the name of and on behalf of Assignors required by or related to representation before all competent International Authorities in connection with the herein identified Applications and all competent National Authorities in connection with the National Applications, and furthermore (ii) Assignors agree to communicate to the said **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** its successors, legal representatives and assigns, any facts known to Assignors respecting said invention, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA**, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world;

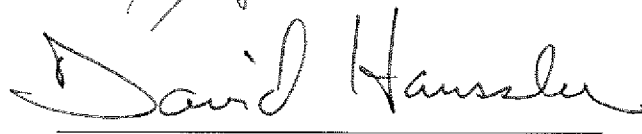
Assignors covenant with Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned.

8/24/12
Date



John Z. Sanborn

8/24/12
Date



David Haussler

Attestation for John Z. Sanborn

STATE OF _____
COUNTY OF _____

Before me, a Notary Public in and for the County and State aforesaid, on this _____ day of _____, 2012, personally appeared John Z. Sanborn, known to me to be the same person whose name is subscribed to the foregoing Patent and Invention Assignment, who being duly sworn acknowledged that he signed, sealed and delivered the said Patent and Invention Assignment as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal.

Notary Public
See Attached

NOTARY PUBLIC

(SEAL)

My Commission Expires: _____

Attestation for David Haussler

STATE OF _____
COUNTY OF _____

Before me, a Notary Public in and for the County and State aforesaid, on this _____ day of _____, 2012, personally appeared David Haussler, known to me to be the same person whose name is subscribed to the foregoing Patent and Invention Assignment, who being duly sworn acknowledged that he signed, sealed and delivered the said Patent and Invention Assignment as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal.

Notary Public
See Attached

NOTARY PUBLIC

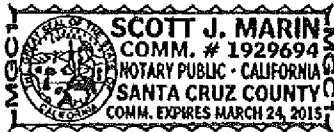
(SEAL)

My Commission Expires: _____

California All-Purpose Acknowledgement

State of California }
County of Santa Cruz

On August 24th, 2012 before me, Scott J. Marin, a Notary Public
personally appeared John Z. Seuborn and
David Halbrook



Notary Public Seal

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.

Notary Public Signature

OPTIONAL

Description of Attached Document

Title or Type of Document: Patent and Invention Assignment

Document Date: 8/24/12 Number of Pages: 3

Signer(s) Other than Named Above: None

Capacity(ies) Claimed by Signer(s)

Thumbprint of Signer 1
<input checked="" type="checkbox"/> Individual <input type="checkbox"/> Corporate Officer: _____ <input type="checkbox"/> Partner - <input type="checkbox"/> Limited <input type="checkbox"/> General <input type="checkbox"/> Attorney-in-Fact <input type="checkbox"/> Trustee <input type="checkbox"/> Guardian or Conservator <input type="checkbox"/> Other: _____ Signer is Representing: <u>Himself</u>

Thumbprint of Signer 2
<input checked="" type="checkbox"/> Individual <input type="checkbox"/> Corporate Officer: _____ <input type="checkbox"/> Partner - <input type="checkbox"/> Limited <input type="checkbox"/> General <input type="checkbox"/> Attorney-in-Fact <input type="checkbox"/> Trustee <input type="checkbox"/> Guardian or Conservator <input type="checkbox"/> Other: _____ Signer is Representing: <u>Himself</u>