

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Alan Kersey	01/06/2010
Jonathan Mark Boutell	01/22/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	illumina Cambridge Ltd.
<b>Street Address:</b>	Chesterford Research Park
<b>City:</b>	Little Chesterford
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	CB10 1XL
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12559902
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(206)682-6031
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	206-622-4900
<b>Email:</b>	rosiep@seedip.com
<b>Correspondent Name:</b>	Stephen J. Rosenman, Ph.D.
<b>Address Line 1:</b>	701 5th Avenue
<b>Address Line 2:</b>	Suite 5400
<b>Address Line 4:</b>	Seattle, WASHINGTON 98104
<b>ATTORNEY DOCKET NUMBER:</b>	480273.401
<b>NAME OF SUBMITTER:</b>	Stephen J. Rosenman, Ph.D.

Total Attachments: 3  
 source=480273\_401\_Assignment#page1.tif  
 source=480273\_401\_Assignment#page2.tif

**501087785**

**PATENT  
 REEL: 023910 FRAME: 0515**

**CH \$40.00 12559902**



## ASSIGNMENT

WHEREAS, we, Alan Kersey and Jonathan Mark Boutell (hereinafter referred to as ASSIGNORS), both having mailing addresses of Illumina Cambridge Ltd., Chesterford Research Park, Little Chesterford, Nr. Saffron Walden Essex, United Kingdom CB10 1XL, are the joint inventors of an invention entitled "CENTROID MARKERS FOR IMAGE ANALYSIS OF HIGH DENSITY CLUSTERS IN COMPLEX POLYNUCLEOTIDE SEQUENCING," as described and claimed in the specification for which an application for United States letters patent was filed on September 15, 2009, and assigned Application No. 12/559,902;

WHEREAS, Illumina Cambridge Ltd. hereinafter referred to as ASSIGNEE), a corporation in the United Kingdom having a place of business at Chesterford Research Park, Little Chesterford, Nr. Saffron Walden Essex, United Kingdom CB10 1XL, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions including any extensions or adjustments in term thereof and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF WITNESSES

CO-INVENTOR

Signature: Alan Kersey  
Alan Kersey

Date: Jan 06, 2010

Witnessed by: P.G. McCauley  
Signature

Date: Jan 06, 2010

P.G. McCAULEY  
Printed Name of Witness

Witnessed by: COLECE  
Signature

Date: JAN 6 2010

COLIN BARNES  
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

CO-INVENTOR

Signature: \_\_\_\_\_  
Alan Kersey

Date: \_\_\_\_\_

State of California )  
County of \_\_\_\_\_ ) ss.

On \_\_\_\_\_ before me, \_\_\_\_\_, personally appeared \_\_\_\_\_ 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 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

NOTARY PUBLIC SEAL

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF WITNESSES

CO-INVENTOR

Signature: J. Boutell  
Jonathan Mark Boutell

Date: 22/01/10

Witnessed by: [Signature]  
Signature

Date: 22/01/10

VINCENT SMITH  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 22/01/10

COLIN BARNES  
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

CO-INVENTOR

Signature: \_\_\_\_\_  
Jonathan Mark Boutell

Date: \_\_\_\_\_

State of California )  
County of \_\_\_\_\_ ) ss.

On \_\_\_\_\_ before me, \_\_\_\_\_, personally appeared \_\_\_\_\_ 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 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

NOTARY PUBLIC SEAL

1502445-1