

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Chanfeng Zhao</td> <td>12/03/2009</td> </tr> <tr> <td>Igor Kozlov</td> <td>12/18/2009</td> </tr> <tr> <td>Melissa D. Shults</td> <td>11/24/2009</td> </tr> </tbody> </table>		Name	Execution Date	Chanfeng Zhao	12/03/2009	Igor Kozlov	12/18/2009	Melissa D. Shults	11/24/2009		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Illumina, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>9885 Towne Centre Drive</td> </tr> <tr> <td>City:</td> <td>San Diego</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92121-1975</td> </tr> </table>		Name:	Illumina, Inc.	Street Address:	9885 Towne Centre Drive	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121-1975
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (858)720-7800  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 858-720-3300          Email: lford@mwe.com          Correspondent Name: McDermott Will &amp; Emery LLP          Address Line 1: 11682 El Camino Real          Address Line 2: Suite 400          Address Line 4: San Diego, CALIFORNIA 92130</p>											
ATTORNEY DOCKET NUMBER:	067234-0219 / 07312										
NAME OF SUBMITTER:	Deborah L. Cadena										
<p>Total Attachments: 4          source=Assignment_219#page1.tif</p>											

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**501050095**

**PATENT**  
**REEL: 023698 FRAME: 0647**

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Docket No.: 067234-0219

### ASSIGNMENT

WHEREAS We, ZHAO, Chanfeng; KOZLOV, Igor; and SHULTS, Melissa D., all of San Diego, CA, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled COMPOSITIONS AND METHODS FOR NUCLEOTIDE SEQUENCING, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on March 25, 2009, and identified by United States Application No. 12/442,925;

AND WHEREAS, Illumina, Inc., a corporation of the State of Delaware, and having an address of 9885 Towne Centre Drive, San Diego, CA 92121-1975, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Illumina, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Illumina, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

12/442,925

12/3/09  
Date Chanfeng Zhao

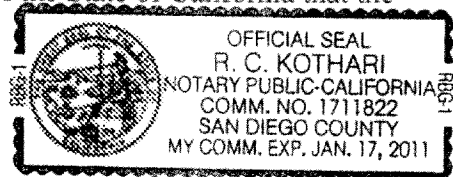
State of California )  
County of SAN DIEGO )ss.

On 12/03/2009 before me, RE KOTHARI NOTARY PUBLIC,  
personally appeared CHAN FENG ZHAO 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) for 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.

R. C. KOTHARI  
Notary Public



NOTARY PUBLIC SEAL

Date Igor Kozlov

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 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

NOTARY PUBLIC SEAL

12/442,925

Date

Chanfeng Zhao

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

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 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

NOTARY PUBLIC SEAL

Date

12/18/2009

Igor Kozlov

State of California )  
 )ss.  
County of San Diego )

On December 18, 2009 before me, Rosalyn M. Espejo, personally appeared Igor Kozlov 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.

Rosalyn M. Espejo  
Notary Public



NOTARY PUBLIC SEAL

12/442,925

11/24/09

Date

Melissa Shults

Melissa D. Shults

State of California )  
 )ss.  
County of San Diego )

On November 24, 2009 before me, Rosalyn M. Espejo,  
personally appeared Melissa Shults 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.

Rosalyn M. Espejo  
Notary Public



NOTARY PUBLIC SEAL