

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Michal Lebl</td><td>04/06/2011</td></tr><tr><td>Michele Perbost</td><td>03/09/2011</td></tr><tr><td>Chad DeRosier</td><td>03/09/2011</td></tr><tr><td>Mark J. Nibbe</td><td>03/09/2011</td></tr><tr><td>Steve R. Burgett</td><td>03/09/2011</td></tr><tr><td>David L. Heiner</td><td>03/09/2011</td></tr></tbody></table>		Name	Execution Date	Michal Lebl	04/06/2011	Michele Perbost	03/09/2011	Chad DeRosier	03/09/2011	Mark J. Nibbe	03/09/2011	Steve R. Burgett	03/09/2011	David L. Heiner	03/09/2011
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RECEIVING PARTY DATA															
<table border="1"><tr><td>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</td></tr></table>		Name:	Illumina, Inc.	Street Address:	9885 Towne Centre Drive	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121				
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PROPERTY NUMBERS Total: 1															
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Application Number:	13008317														
CORRESPONDENCE DATA															
Fax Number: (858)736-8428 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: (858) 246-8842															
Email: ip@illumina.com															
Correspondent Name: John T. Murphy															
Address Line 1: 9885 Towne Centre Drive															
Address Line 2: Legal Department															
Address Line 4: San Diego, CALIFORNIA 92121															
ATTORNEY DOCKET NUMBER:	IP-0468-US														

501493920

PATENT  
REEL: 026091 FRAME: 0643

CH \$40.00 13008317

NAME OF SUBMITTER:

John T. Murphy

**Total Attachments: 8**

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**ASSIGNMENT**

WHEREAS, We, Michal Lebl, of San Diego, CA; Michel Perbost, of San Diego, CA; Chad F. DeRosier, of San Diego, CA; Mark J. Nibbe, of San Diego, CA; Steve R. Burgett, of San Diego, CA; and David L. Heiner, of San Diego, CA, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on January 18, 2011, which application was assigned U.S. patent application serial number 13/008,317, and is entitled METHODS AND COMPOSITIONS FOR PROCESSING CHEMICAL REACTIONS;

AND WHEREAS, Illumina, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 9885 Towne Centre Drive, San Diego, CA 92121-1975 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventors' certificates and other forms of protection, including any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications, and every reissue or extensions of any of said patents (hereinafter termed "Patent Rights").

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do each hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to all Patent Rights.

2. Said Inventors hereby agree that each will, at Assignee's expense, (a) cooperate with Assignee in the prosecution and enforcement of the Patent Rights, and (b) execute, verify, testify, acknowledge and deliver all such further facts and documents, including applications, petitions, declarations, oaths and instruments of transfer necessary.
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives and assigns.
4. Said Inventors each warrant and represent that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as follows:

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

CO-INVENTOR

Signature: Michael Lebl  
Michael Lebl

Date: 4/6/2011

Witnessed by: Roseanne Soderstrom  
Signature

Date: 4/6/2011

ROSEANNE SODERSTROM  
Printed Name of Witness

Witnessed by: Stepan Henzl  
Signature

Date: 4/6/2011

STEPAN HENZL  
Printed Name of Witness

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

CO-INVENTOR

Signature: \_\_\_\_\_  
Michael Lebl

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

State of California )  
County of San Diego )

On \_\_\_\_\_ before me, \_\_\_\_\_, personally appeared Michael Lebl 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: \_\_\_\_\_  
**Michel Perbost**

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

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

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

CO-INVENTOR

Signature: \_\_\_\_\_  
**Michel Perbost**

Date: 03/09/2011

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

On March 9, 2011 before me, Rosalyn M. Espejo, Notary Public, personally appeared **Michel Perbost** 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 ~~he/she/they~~ executed the same in his ~~his/her/their~~ authorized capacity(ies), and that by his ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon which the person(s) acted, executed the instrument.

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Witness my hand and official seal.

Rosalyn M. Espejo  
Notary Public



NOTARY PUBLIC SEAL

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CO-INVENTOR

Signature: \_\_\_\_\_  
**Chad F. DeRosier**

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

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

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

CO-INVENTOR

Signature: Chad F. DeRosier  
**Chad F. DeRosier**

Date: 3/9/11

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

On March 9, 2011 before me, Rosalyn M. Espejo, Notary Public, personally appeared **Chad F. DeRosier** 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.

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Rosalyn M. Espejo  
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CO-INVENTOR

Signature: \_\_\_\_\_  
**Mark J. Nibbe**

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

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

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CO-INVENTOR

Signature: \_\_\_\_\_  
**Mark J. Nibbe**

Date: 3/9/11

State of California )  
County of San Diego ) ss.

On March 9, 2011 before me, Rosalyn M. Espejo, Notary Public, personally appeared **Mark J. Nibbe** 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.

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Rosalyn M. Espejo  
Notary Public



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CO-INVENTOR

Signature: \_\_\_\_\_  
**Steve R. Burgett**

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

Witnessed by: \_\_\_\_\_  
Signature

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

Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

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

Printed Name of Witness

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

CO-INVENTOR

Signature: Steve R. Burgett

Date: 3/9/11

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

On March 9, 2011 before me, Rosalyn M. Espejo, Notary Public, personally appeared **Steve R. Burgett** 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.

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Reynold E. J.  
Notary Public



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CO-INVENTOR

Signature: \_\_\_\_\_  
**David L. Heiner**

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

Witnessed by: \_\_\_\_\_  
Signature

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

Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

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

Printed Name of Witness

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

CO-INVENTOR

Signature: David L. Heiner  
David L. Heiner

Date: 3/9/11

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

On March 9, 2011 before me, Rosilyn M. Espejo, Notary Public, personally appeared **David L. Heiner** 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.

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Notary Public



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