

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2654134

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>MARK E. SMITH</td> <td>02/18/2011</td> </tr> <tr> <td>ANDREA SABOT</td> <td>02/09/2011</td> </tr> <tr> <td>ISABELLE RASOLONJATOVO</td> <td>02/09/2011</td> </tr> <tr> <td>ADRIAN M. HORGAN</td> <td>03/01/2011</td> </tr> <tr> <td>HAROLD P. SWERDLOW</td> <td>02/17/2011</td> </tr> </tbody> </table>		Name	Execution Date	MARK E. SMITH	02/18/2011	ANDREA SABOT	02/09/2011	ISABELLE RASOLONJATOVO	02/09/2011	ADRIAN M. HORGAN	03/01/2011	HAROLD P. SWERDLOW	02/17/2011
Name	Execution Date												
MARK E. SMITH	02/18/2011												
ANDREA SABOT	02/09/2011												
ISABELLE RASOLONJATOVO	02/09/2011												
ADRIAN M. HORGAN	03/01/2011												
HAROLD P. SWERDLOW	02/17/2011												
RECEIVING PARTY DATA													
Name:	ILLUMINA CAMBRIDGLE LTD.												
Street Address:	CHESTERFORD RESEARCH PARK												
Internal Address:	LITTLE CHESTERFORD												
City:	ESSEX												
State/Country:	UNITED KINGDOM												
Postal Code:	CB10 1XL												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14053333</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14053333								
Property Type	Number												
Application Number:	14053333												
CORRESPONDENCE DATA													
Fax Number:	(858)202-4599												
Phone:	8582468842												
Email:	cpearsall@illumina.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	ILLUMINA, INC.												
Address Line 1:	5200 ILLUMINA WAY												
Address Line 4:	SAN DIEGO, CALIFORNIA 92122												
ATTORNEY DOCKET NUMBER:	IP-0338B-US												
NAME OF SUBMITTER:	BRENT C. MOORE												

CH \$40.00 14053333

Signature:	/brentcmoore/
Date:	12/18/2013
Total Attachments: 8 source=Assignment0338 (1)#page1.tif source=Assignment0338 (1)#page2.tif source=Assignment0338 (1)#page3.tif source=Assignment0338 (1)#page4.tif source=Assignment0338 (1)#page5.tif source=Assignment0338 (1)#page6.tif source=Assignment0338 (1)#page7.tif source=Assignment0338 (1)#page8.tif	

**ASSIGNMENT**

WHEREAS, We, Mark E. Smith, of Essex, United Kingdom; Andrea Sabot, of Essex, United Kingdom; Isabelle Rasalonjatovo, of Essex, United Kingdom; Jean-Ernest Sohna Sohna, of Essex, United Kingdom; Adrian M. Horgan, of Essex, United Kingdom; and Harold P. Swerdlow, of Essex, United Kingdom, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on July 21, 2006, which application was assigned U.S. patent application serial number 10/585,373, and is entitled MODIFIED MOLECULAR ARRAYS;

AND WHEREAS, Illumina Cambridge Ltd, a corporation organized and existing under and by virtue of the laws of United Kingdom, and having an office and place of business at Chesterford Research Park, Little Chesterford, Essex CB10 1XL United Kingdom (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:

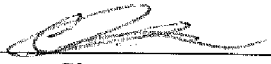
1. Said Inventors do each hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection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

CO-INVENTOR

Signature:  Date: 18/02/11  
Mark E. Smith

Witnessed by:  Date: 18/02/11  
Signature

CHRISTOPHER RYAN  
Printed Name of Witness

Witnessed by:  Date: 18/02/11  
Signature

R FITZMAURICE  
Printed Name of Witness

CO-INVENTOR

Signature: Sabot Andrea Date: 9 - Feb - 2011  
Andrea Sabot

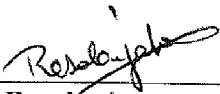
Witnessed by: ABrown Date: 9 - FEB - 2011  
Signature

ANDREW BROWN  
Printed Name of Witness

Witnessed by: Yvonne Handy Date: 09/02/11  
Signature

YVONNE HANDY  
Printed Name of Witness

CO-INVENTOR

Signature:  Date: 09/02/11  
Isabelle Rasolonjatovo

Witnessed by:  Date: 9/2/11  
Signature

ANDREW BROWN  
Printed Name of Witness

Witnessed by:  Date: 09/02/11  
Signature

YVONNE HANDY  
Printed Name of Witness

CO-INVENTOR

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Jean-Ernest Sohna Sohna**

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

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

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

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



CO-INVENTOR

Signature: Adrian M. Horgan Date: 1st MARCH 2011  
Adrian M. Horgan

Witnessed by: [Signature] Date: 1st March 2011  
Signature

HELEN SHARMAN  
Printed Name of Witness

Witnessed by: [Signature] Date: 1st March 2011  
Signature

JAMES NOBLE  
Printed Name of Witness

CO-INVENTOR

Signature: Harold P. Swerdlow Date: 17 / 2 / 2011  
**Harold P. Swerdlow**

Witnessed by: E.M. Sheridan Date: 17<sup>th</sup> feb '11  
Signature

E.M. SHERIDAN  
Printed Name of Witness

Witnessed by: [Signature] Date: 17 - 02 - 2011  
Signature

S. DYOLA  
Printed Name of Witness