

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	SHANKAR BALASUBRAMANIAN	09/16/2008
	COLIN BARNES	09/30/2008
	XIAOHAI LIU	09/30/2008
<b>RECEIVING PARTY DATA</b>		
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<b>Postal Code:</b>	CB10 1XL	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	14821566	
<b>CORRESPONDENCE DATA</b>		
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<b>SIGNATURE:</b>	/Cynthia A. Willis/	
<b>DATE SIGNED:</b>	05/11/2017	
<b>Total Attachments: 2</b>		
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**ASSIGNMENT**

WHEREAS, WE, **Shankar BALASUBRAMANIAN**, a citizen of Great Britain,  
Department of Chemistry, University of Cambridge, Lensfield Road ,  
Cambridge, CB2 1EW, Great Britain; and

**Colin BARNES**, a citizen of Great Britain, c/o Illumina Cambridge Ltd,  
Chesterford Research Park, Little Chesterford, Nr. Saffron, Walden,  
Essex CB10 1XL, Great Britain; and

**Xiaohai LIU**, a citizen of China, c/o Illumina Cambridge Ltd,  
Chesterford Research Park, Little Chesterford, Nr. Saffron, Walden,  
Essex CB10 1XL, Great Britain

have invented certain new and useful improvements in

**LABELLED NUCLEOTIDES**

for which we have filed an Application for Letters Patent in the United States on  
**September 9, 2008**, and was accorded U.S. Serial No.12/283,285 and

WHEREAS,

**ILLUMINA CAMBRIDGE LTD.**

with an office at  
Chesterford Research Park, Little Chesterford,  
Nr. Saffron Walden, Essex CB10 1XL  
Great Britain

ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said  
improvements and the said application;

NOW, THEREFORE, for other good and valuable consideration, the receipt of which  
is hereby acknowledged, we the said

**Shankar BALASUBRAMANIAN; Colin BARNES; Xiaohai LIU**

have sold, assigned, transferred and set over, and by these presents do hereby sell, assign,  
transfer and set over, to the said

**ILLUMINA CAMBRIDGE LTD.,**

its successors, legal representatives and assigns, the entire right, title and interest in, to and  
under the said improvements, and the said application and all divisions, renewals, and  
continuations thereof, and all Letters Patent of the United States which may be granted thereon  
and all reissues and extensions thereof, and all applications for Letters Patent which may  
hereafter be filed for said improvements in any country or countries foreign to the United  
States, including the right to claim priority under the terms of any appropriate International

Convention based upon said application for Letters Patent of the United States, and all Letters Patent which may be granted from said improvements in any country or countries foreign to the United States and extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States, whose duty is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said

**ILLUMINA CAMBRIDGE LTD.,**

it successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the interest herein assigned in the manner hereinabove set forth, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said

**ILLUMINA CAMBRIDGE LTD.,**

its successors, legal representatives and assigns, any fact known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisions, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said

**ILLUMINA CAMBRIDGE LTD.,**

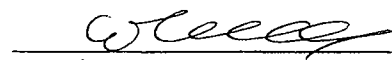
its successors, legal representatives and assigns, to obtain and enforce proper Patent Protection for said improvements in the United States.

IN TESTIMONY WHEREOF, we hereunto set our hand and seal the day and year set opposite our signatures.


Date 16/9/08

  
Shankar BALASUBRAMANIAN L.S.

Date 30/9/08

  
Colin BARNES L.S.

Date 30/09/08

  
Xiaohai LIU L.S.