

## 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>
HELEN BIGNELL	03/31/2009
LOUISE FRASER	03/31/2009
NIALL ANTHONY GORMLEY	03/31/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ILLUMINA CAMBRIDGE, LTD.
<b>Street Address:</b>	CHESTERFORD RESEARCH PARK, LITTLE CHESTERFORD, NR. SAFFRON WALDEN
<b>City:</b>	ESSEX
<b>State/Country:</b>	GREAT BRITAIN
<b>Postal Code:</b>	CB10 1XL
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15365266
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)202-4545
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	IP-0433D-US
<b>NAME OF SUBMITTER:</b>	CYNTHIA A. WILLIS
<b>SIGNATURE:</b>	/Cynthia A. Willis/
<b>DATE SIGNED:</b>	08/21/2017
<b>Total Attachments: 2</b>	
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**ASSIGNMENT**

WHEREAS, WE, **Helen BIGNELL**, a citizen of Great Britain,  
Illumina Cambridge, Ltd., Chesterford Research Park, Little  
Chesterford, Nr. Saffron, Walden, Essex CB10 1XL, Great Britain; and

**Louise FRASER**, a citizen of Great Britain,  
Illumina Cambridge, Ltd., Chesterford Research Park,  
Little Chesterford, Nr. Saffron, Walden, Essex CB10 1XL, Great Britain;  
and

**Niall Anthony GORMLEY**, a citizen of Ireland,  
Illumina Cambridge, Ltd., Chesterford Research Park, Little Chesterford, Nr.  
Saffron, Walden, Essex CB10 1XL, Great Britain;

have invented certain new and useful improvements in

**Methods for indexing samples and sequencing multiple polynucleotide templates**

for which we have filed an Application for Letters Patent in the United States on  
February 4, 2008, and was accorded 12/012,613; 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

**Helen BIGNELL; Louise FRASER ; Niall Anthony GORMLEY**

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.,**

its 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 31/3/09

Helen Bignell L.S.  
**Helen BIGNELL**

Date 31/3/9

Louise Fraser L.S.  
**Louise FRASER**

Date 31/3/9

Niall Anthony Gormley L.S.  
**Niall Anthony GORMLEY**