

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4128125

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	IOCO	11/03/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	Illumina, Inc.	
<b>Street Address:</b>	5200 Illumina Way	
<b>City:</b>	San Diego	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	92122	
<b>PROPERTY NUMBERS Total: 4</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	29554576	
<b>Application Number:</b>	29554581	
<b>Application Number:</b>	29554561	
<b>Application Number:</b>	29554547	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(858)736-8428	
<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>		
<b>Email:</b>	ip@illumina.com	
<b>Correspondent Name:</b>	LEGAL DEPARTMENT	
<b>Address Line 1:</b>	5200 ILLUMINA WAY	
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92122	
<b>ATTORNEY DOCKET NUMBER:</b>	IP-1419/1420/1421/1422	
<b>NAME OF SUBMITTER:</b>	ROSALYN ESPEJO	
<b>SIGNATURE:</b>	/ROSALYN ESPEJO/	
<b>DATE SIGNED:</b>	11/03/2016	
<b>Total Attachments: 2</b>		
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source=Company to Company Assignment_IOCO to Illumina_IP-1419 1420 1421 1422#page2.tif		

**ASSIGNMENT**

WHEREAS, IOCO, a California corporation having a place of business at 2812 Champs Elysee Blvd., Half Moon Bay, CA 94019, United States of America (hereinafter "ASSIGNOR"), represents and warrants that it has received an assignment of right, title, and interest to certain new and useful improvements for which the following United States application for Letters Patents in the United States (hereinafter "the Patent Application") has been filed:

<u>Application No.</u>	<u>Filing Date</u>	<u>Title</u>
29/554,576	February 12, 2016	Sequencing or Sample Preparation Instrument
29/554,581	February 12, 2016	Sequencing Cartridge
29/554,561	February 12, 2016	Sequencing or Sample Preparation Instrument
29/554,547	February 12, 2016	Sample Preparation Cartridge

WHEREAS, ILLUMINA, INC., a Delaware corporation having a place of business at 5200 Illumina Way, San Diego, CA 92122, United States of America (hereinafter "ASSIGNEE") is desirous of acquiring the entire right, title, and interest in and to the inventions disclosed in the Patent Application;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby further acknowledges that it has sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer, unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest throughout the world in, to, and under the said improvements, and the said Patent Application and all Patents that may be granted thereon, and all divisions, continuations, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent that may hereafter be filed for said improvements or for the said Patent Application in any country or countries foreign to the United States; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements and all Letters Patents resulting from the Patent Application to ASSIGNEE, its successors, legal representatives, and assigns, in accordance with the terms of this Agreement.


ASSIGNOR does hereby sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Patents before or after issuance;

ASSIGNOR hereby covenants and agrees that it will communicate to ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Patent Application immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving any of the Patent Application, will sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and will generally do

everything possible to aid ASSIGNEE, its successors, legal representatives, and assigns to obtain and enforce the Patent Application in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3rd day of November, 2016.

IOCO  
2812 Champs Elysee Blvd.  
Half Moon Bay, CA 94019

By: 

Name Printed: Jeff Salazar

Title: Design Partner

Date: 11/3/2016