

PATENT ASSIGNMENT

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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>Stephen Yue</td> <td>09/01/2011</td> </tr> <tr> <td>Gene Shen</td> <td>09/01/2011</td> </tr> <tr> <td>David Sun</td> <td>09/02/2011</td> </tr> </tbody> </table>		Name	Execution Date	Stephen Yue	09/01/2011	Gene Shen	09/01/2011	David Sun	09/02/2011
Name	Execution Date								
Stephen Yue	09/01/2011								
Gene Shen	09/01/2011								
David Sun	09/02/2011								
RECEIVING PARTY DATA									
Name:	Pacific Biosciences of California, Inc.								
Street Address:	1380 Willow Road								
City:	Menlo Park								
State/Country:	CALIFORNIA								
Postal Code:	94025								
PROPERTY NUMBERS Total: 2									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13218428</td> </tr> <tr> <td>PCT Number:</td> <td>US1149247</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13218428	PCT Number:	US1149247		
Property Type	Number								
Application Number:	13218428								
PCT Number:	US1149247								
CORRESPONDENCE DATA									
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ATTORNEY DOCKET NUMBER:	67191-5038-US & 5038-WO								
NAME OF SUBMITTER:	Leonor Rivera-Huerta								
Total Attachments: 2 source=01010001_2011_TBD_Assignment#page1.tif source=01010001_2011_TBD_Assignment#page2.tif									

CH \$80.00 13218428

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Stephen YUE of 2940 West 19th Avenue, Eugene, Oregon 97405, Gene SHEN of 3650 Vireo Avenue, Santa Clara, California 95051, and David SUN of 127 Montelena Court, Mountain View, California 94040, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified patent applications:

Title of Invention: CYANINE DYES
Filing Date: August 25, 2011
U.S. Patent Application Nos.: 13/218,428; and
International Application No.: PCT/US2011/049247


WHEREAS, Pacific Biosciences of California, Inc., a Delaware corporation having a place of business located at 1380 Willow Road, Menlo Park, California 94025 hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that Assignors will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignment
U.S. Patent Application No. 13/218,428
PCT International Application No. PCT/US2011/049247
Attorney Docket No.: 067191-5038-US & WO
Client Reference: 01-0100-01-US & 01-0100-01-PC
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IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Date: 9/1/2011 
Stephen YUE

Date: 9/1/2011 
Gene SHEN

Date: 9-2-2011 
David SUN