506176023 07/28/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT6222761

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHEN YUE	09/01/2011
GENE SHEN	09/01/2011
WEI-CHUAN (DAVID) SUN	09/02/2011

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16545900

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NAME OF SUBMITTER:	MELISSA B. GARRIGAN	
SIGNATURE:	/Melissa B. Garrigan/	
DATE SIGNED:	07/28/2020	

Total Attachments: 2

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PATENT 506176023 REEL: 053333 FRAME: 0475

Attorney Docket Nos.: 067191-5038-US

067191-5038-WO

Client References: 01-0100-01-US

01-0100-01-PC

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.

Stephen YUE

Date: 9/1/2011

Gene SHEN

Date: 9-2-2011

David SUN

DB2/22639102.1

PATENT REEL: 053333 FRAME: 0477

RECORDED: 07/28/2020