

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Geoffrey Otto	08/17/2009
Gene Shen	08/13/2009
Xiangxu Kong	08/13/2009
Robin Emig	08/13/2009

**RECEIVING PARTY DATA**

Name:	Pacific Biosciences of California, Inc.
Street Address:	1505 Adams Drive
City:	Menlo Park
State/Country:	CALIFORNIA
Postal Code:	94025

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12367411

**CORRESPONDENCE DATA**

Fax Number: (877)432-9652  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 4154421000  
 Email: crubalcaba-rivera@morganlewis.com  
 Correspondent Name: MORGAN, LEWIS & BOCKIUS LLP (SF)  
 Address Line 1: One Market, Spear Street Tower, Suite 28  
 Address Line 4: San Francisco, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	067191-5030-US
-------------------------	----------------

NAME OF SUBMITTER:	Candida Rubalcaba-Rivera
--------------------	--------------------------

Total Attachments: 4  
 source=5030USAssignment#page1.tif

**500963121**

**PATENT  
 REEL: 023235 FRAME: 0897**

**CH \$40.00 12367411**

source=5030USAssignment#page2.tif  
source=5030USAssignment#page3.tif  
source=5030USAssignment#page4.tif

**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, Geoffrey Otto of 790 Knoll Drive, San Carlos, CA 94070, Gene Shen of 3650 Vireo Avenue, Santa Clara, CA, 95051, Xiangxu Kong of 600 Edgewater Blvd., Foster City, CA 94404 and Robin Emig of 1140 Granada Street, Belmont, CA 94002, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified patent application:

Title of Invention: CIS REACTIVE OXYGEN QUENCHERS  
INTEGRATED INTO LINKERS

Filing Date: February 6, 2009

Application No.: 12/367,411; and

WHEREAS, Pacific Biosciences of California, Inc., located at 1505 Adams Drive, Menlo Park, CA 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;

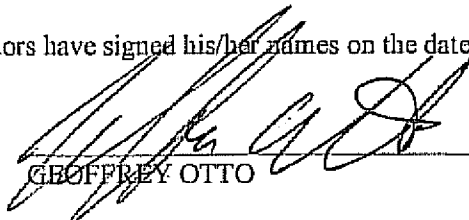
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and 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.

Assignors hereby authorize and request Morgan, Lewis & Bockius LLP, One Market, Spear Street Tower, San Francisco, CA 94105, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed his/her names on the dates indicated.

Dated: 8/17/09

  
\_\_\_\_\_  
GEOFFREY OTTO

Dated: \_\_\_\_\_

\_\_\_\_\_  
GENE SHEN

Dated: \_\_\_\_\_

\_\_\_\_\_  
XIANGXU KONG

Dated: \_\_\_\_\_

\_\_\_\_\_  
ROBIN EMIG

**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, Geoffrey Otto of 790 Knoll Drive, San Carlos, CA 94070, Gene Shen of 3650 Vireo Avenue, Santa Clara, CA, 95051, Xiangxu Kong of 600 Edgewater Blvd., Foster City, CA 94404 and Robin Emig of 1140 Granada Street, Belmont, CA 94002, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified patent application:

Title of Invention: CIS REACTIVE OXYGEN QUENCHERS  
INTEGRATED INTO LINKERS

Filing Date: February 6, 2009

Application No.: 12/367,411; and

WHEREAS, Pacific Biosciences of California, Inc., located at 1505 Adams Drive, Menlo Park, CA 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 does 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.

Assignors hereby authorize and request Morgan, Lewis & Bockius LLP, One Market, Spear Street Tower, San Francisco, CA 94105, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed his/her names on the dates indicated.

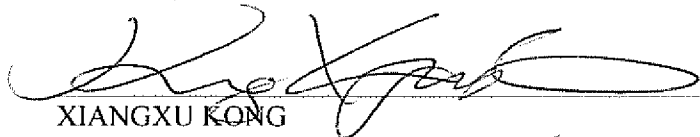
Dated: \_\_\_\_\_

\_\_\_\_\_  
GEOFFREY OTTO

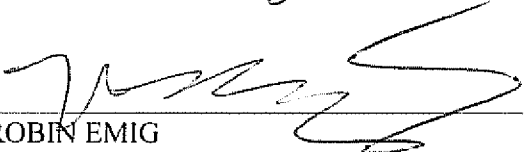
Dated: 8/13/2009

  
\_\_\_\_\_  
GENE SHEN

Dated: 8/13/2009

  
\_\_\_\_\_  
XIANGXU KONG

Dated: 9/13/2009

  
\_\_\_\_\_  
ROBIN EMIG