PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Benjamin Flusberg | 08/23/2010 |
| Stephen Turner | 08/24/2010 |
| Jonas Korlach | 08/18/2010 |
| Eric Schadt | 08/20/2010 |

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: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12813968 |

CORRESPONDENCE DATA

Fax Number: (650)323-9420

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 6505218121

Email: jlim@pacificbiosciences.com

Correspondent Name: Pacific Biosciences of California, Inc.

Address Line 1: 1380 Willow Road

Address Line 4: Menlo Park, CALIFORNIA 94025

ATTORNEY DOCKET NUMBER: 01-007301US

NAME OF SUBMITTER: Jacqueline L. Lim

Total Attachments: 5

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PATENT REEL: 024881 FRAME: 0966 \$40.00 128138

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> PATENT REEL: 024881 FRAME: 0967

Attorney Docket No.: 01-007301US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS.

Benjamin Flusberg of 1383 Biltmore Drive, Atlanta GA 30329, USA; Stephen Turner of 356 Stanford Avenue, Menlo Park, CA 94025, USA; Jonas Korlach of 36100 Toulouse Street, Newark, CA 94560, USA; and Eric Schadt of 565 Everett Avenue, Palo Alto, CA 94301, USA,

hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified patent application:

Title of Invention:

SINGLE-MOLECULE REAL-TIME ANALYSIS OF

PROTEIN SYNTHESIS

Filing Date:

June 11, 2010

Application No.:

12/813.968; and

WHEREAS, Pacific Biosciences of California, Inc., located at 1380 Willow Road, 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 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.

PATENT REEL: 024881 FRAME: 0968

| Assignment | |
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Attorney Docket No.: 01-007301US

Page 2

IN TESTIMONY WHEREOF, Assignors have signed their names on the date indicated.

| 8 23 7010 Dated | Benjamin Pusberg |
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| Dated | Stephen Turner |
| Dated | Jonas Korlach |
| Dated | Eric Schadt |

Assignment

Attorney Docket No.: 01-007301US

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Attorney Docket No.: 01-007301US Page 2

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| Dated / | Jonas Korlach |
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| Attorney Docket | No.: | 01-007 | 301U |
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RECORDED: 08/24/2010

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| Dated | Jonas Korlach |
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| Dated | Eric Schadt |