PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
Pacific Biosciences of California, Inc. (formerly Nanofluidics, Inc.) 09/01/2011	

RECEIVING PARTY DATA

Name:	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government	
Street Address:	NIH Division of Extramural Inventions and Technology Resources (DEITR)	
Internal Address:	6705 Rockledge Drive, Suite 310, MSC 7980	
City:	Bethesda	
State/Country:	MARYLAND	
Postal Code:	20892-7980	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11731748

CORRESPONDENCE DATA

Fax Number: (301)480-0272 Email: edison@nih.gov

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Director, DEITR

Address Line 1: NIH, 6705 Rockledge Drive, Suite 310

Address Line 2: MSC 7980

Address Line 4: Bethesda, MARYLAND 20892-7980

NAME OF SUBMITTER: Director, DEITR, NIH

Total Attachments: 1

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PATENT REEL: 026973 FRAME: 0490

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Sign and Fax this to (301) 480-0272

Invention Title: ARTICLES HAVING LOCALIZED MOLECULES DISPOSED THEREON AND METHODS OF PRODUCING SAME David R. Rank, Jonas Korlach, Yue Xu, Stephen Turner, Jeffrey Wegener, Daniel Inventor(s): Roitman, John Lyle U.S. Filing/Issue Date: March 29, 2007 Patent or Application Serial No.: 11/731,748 Grant/Contract Number(s): R01 HG003710-01 Foreign Application filed/intended in (countries): AU, CA, CN, EP, IN, JP An invention included in the above identified Patent or Application is a Subject Invention under 35 U.S.C. 200, et seg., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52,227-12 (if applicable) which are included among the terms of the above-identified grant or contract award from the United States Government. This document is confirmatory of: The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the Subject Invention described in any patent application and in any and all divisions, continuations, and continuations-in-part, and in any and all patents and re-issues granted thereon throughout the world; and All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award. The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application. Signed this 1st day of September, 2011. Matthew Murphy
(Name of Grantee/Contractor Official) Title Vice President and General Counsel Pacific Biosciences of California, Inc. (formerly Nanofluidics, Inc.) (Grantee/Contractor Organization) 1380 Willow Road, Menlo Park, CA 94025 (Business Address)

> PATENT REEL: 026973 FRAME: 0491

RECORDED: 09/22/2011