PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|--|
| NATURE OF CONVEYANCE: | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------------|----------------|
| Advanced Liquid Logic, Inc. | 09/06/2007 |

RECEIVING PARTY DATA

| IIName: | 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: | 11639490 |

CORRESPONDENCE DATA

Fax Number: (301)480-0272

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

Email: edison@nih.gov

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

source=11639490,Imt,07-02-10#page1.tif

PATENT 501222634 REEL: 024629 FRAME: 0278

License to the United States Government

| Sign and Fax this to (301) 480-0272 |
|---|
| Invention Title: Droplet-Based Nucleic Acid Amplification Method and Apparatus |
| Inventor(s): Michael Pollack, Philip Y Paik, Vamsee Pamula |
| U.S. Filing/Issue Date: 12/15/2006 |
| Patent or Application Serial No.: 11/639, 490 |
| Grant/Contract Number(s): A1065169 and A1066590 |
| Foreign Applications filed/intended in (countries): |
| The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq. , 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 State 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 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 day of, 20 |
| Title <u>V2 [14]</u> |
| For Advanced Liquid Logic (Grantee/Contractor Organization) |
| At 615 Davis Drive, Suite 800 |
| PO Box 14025 |
| Research Triangle Park, NC 27709 (Business Address) |

PATENT REEL: 024629 FRAME: 0279

RECORDED: 07/02/2010