PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Nanolytics, Inc. | 01/14/2011 |

RECEIVING PARTY DATA

| Name: | Advanced Liquid Logic | |
|-----------------|----------------------------|--|
| Street Address: | 615 Davis Drive, Suite 800 | |
| City: | Morrisville | |
| State/Country: | NORTH CAROLINA | |
| Postal Code: | 27560 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11833576 |

CORRESPONDENCE DATA

Fax Number: (919)287-9011

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

Phone: 919-287-9010

Email: patents@liquid-logic.com

Correspondent Name: William Barrett

Address Line 1: Advanced Liquid Logic

Address Line 2: P O Box 14025

Address Line 4: Research Triangle Pk, NORTH CAROLINA 27709

| ATTORNEY DOCKET NUMBER: | N001DV2 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | William Barrett |

Total Attachments: 2

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OP \$40.00 11833

PATENT REEL: 025646 FRAME: 0013

PATENT ASSIGNMENT

This Assignment is made by Nanolytics, Inc., a corporation duly organized and existing under the laws of the State of Delaware, having its principal office and place of business at 615 Davis Drive, Suite 800, Morrisville, North Carolina (hereinafter "Assignor") to Advanced Liquid Logic, Inc., a corporation duly organized and existing under the laws of the State of Delaware, having its principal office and place of business at 615 Davis Drive, Suite 800, Morrisville, North Carolina (hereinafter "Assignee").

WHEREAS, Assignor has invented certain new and useful improvements concerning Actuators for Microfluidics without Moving Parts, the invention being described in and identified by an application for United States Letters Patent, filed August 3, 2007 as U.S. Patent Application Serial No. 11/833,576.

AND, WHEREAS, Assignee desires to acquire the entire right, title, and interest in the application and the invention and improvements on the invention, and in Letters Patent on the same when granted in the United States and foreign countries.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor by these presents does hereby sell, assign, transfer, and convey unto the Assignee, its successors and assigns, the entire right, title, and interest in and to the application and the invention, and in any improvements on the invention previously or in the future made or acquired by Assignor, and to all rights of priority to the same pursuant to the International Convention for the Protection of Industrial Property, and in and to any and all foreign patent applications filed on the invention, and in and to any and all continuations, continuations-in-part, or divisions of any U.S. or foreign patent application filed on the invention, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made.

Assignor hereby requests that said Letters Patent be issued in accordance with this Assignment.

PATENT REEL: 025646 FRAME: 0014 Assignor further warrants and represents that, at the time of the execution and delivery of these presents, Assignor possesses full title to the invention and application above-mentioned, and the unencumbered right and authority to make this assignment.

Assignor further covenants and agrees, and likewise binds heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to Assignor relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for said invention in all countries and to vest in the Assignee complete title to the invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

NANOLYTICS, INC.

By: (___

Richard West, President

14,2011

Witnessed by:

A Francis

Name-

Date

ND: 4820-3716-1992, v. 1

RECORDED: 01/14/2011