

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2668271

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the RECEIVING PARTY previously recorded on Reel 029568 Frame 0141. Assignor(s) hereby confirms the THE ASSIGNMENT OF INTEREST 12576794 TO DUKE UNIVERSITY (ASSIGNEE).												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>DR. MICHAEL G. POLLACK</td> <td>01/03/2013</td> </tr> <tr> <td>DR. VAMSEE K. PAMULA</td> <td>01/03/2013</td> </tr> <tr> <td>DR. RICHARD B. FAIR</td> <td>01/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	DR. MICHAEL G. POLLACK	01/03/2013	DR. VAMSEE K. PAMULA	01/03/2013	DR. RICHARD B. FAIR	01/04/2013				
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<table border="1"> <tr> <td>Name:</td> <td>DUKE UNIVERSITY</td> </tr> <tr> <td>Street Address:</td> <td>BOX 90083</td> </tr> <tr> <td>Internal Address:</td> <td>OFFICE OF SCIENCE &amp; TECHNOLOGY</td> </tr> <tr> <td>City:</td> <td>DURHAM</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>27708</td> </tr> </table>		Name:	DUKE UNIVERSITY	Street Address:	BOX 90083	Internal Address:	OFFICE OF SCIENCE & TECHNOLOGY	City:	DURHAM	State/Country:	NORTH CAROLINA	Postal Code:	27708
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CORRESPONDENCE DATA													
Fax Number:	(252)672-5477												
Phone:	252-672-5400												
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	DU2137US-CIP:D003CON2												
NAME OF SUBMITTER:	RYAN K. SIMMONS												

PATENT

Signature:	/Ryan K. Simmons/
Date:	01/06/2014
<b>Total Attachments: 6</b> source=Recorded Assignment - incorrect - D003CON2 - 060885-00295#page1.tif source=Recorded Assignment - incorrect - D003CON2 - 060885-00295#page2.tif source=Recorded Assignment - incorrect - D003CON2 - 060885-00295#page3.tif source=Recorded Assignment - incorrect - D003CON2 - 060885-00295#page4.tif source=Recorded Assignment - incorrect - D003CON2 - 060885-00295#page5.tif source=Recorded Assignment - incorrect - D003CON2 - 060885-00295#page6.tif	

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Fax Number:	9192879011												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	9192879010												
Email:	patents@liquid-logic.com												
Correspondent Name:	Advanced Liquid Logic Inc												

OP \$40.00 12576794

Address Line 1: 615 Davis Drive  
Address Line 2: STE 800  
Address Line 4: Morrisville, NORTH CAROLINA 27560

ATTORNEY DOCKET NUMBER: D003CON2

NAME OF SUBMITTER: William A. Barrett

Total Attachments: 4  
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PATENT ASSIGNMENT

This Assignment is made by Dr. Michael G. Pollack of Durham, North Carolina, Dr. Vamsee K. Pamula of Durham, North Carolina and Dr. Richard B. Fair of Durham, North Carolina (hereinafter "Assignors") to Duke University, a non-profit organization located at Durham, North Carolina (hereinafter "Assignee").

WHEREAS, Assignors have invented certain new and useful improvements concerning **Apparatuses and Methods for Manipulating Droplets**, the invention being described in and identified by an application for United States Letters Patent, filed October 9, 2009 as U.S. Patent Application Serial No. 12/576,794.

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, Assignors by these presents do 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 Assignors, 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 Assignors if this assignment and sale had not been made.

Assignors hereby request that said Letters Patent be issued in accordance with this Assignment.

Assignors further warrant and represent that, at the time of the execution and delivery of these presents, Assignors possess their full title to the invention and application above-mentioned, and that they have the unencumbered right and authority to make this assignment.

Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them 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.

Executed this 3<sup>rd</sup> day of January, 2013.

Michael G. Pollack  
Michael G. Pollack (Seal)


Witnessed by:

Wendy L. Benham 1/3/2013  
Name Date

Sarah H. [Signature] 05 Jan 2013  
Name Date

\*\*\*\*\*

Executed this 8<sup>th</sup> day of January, 2013.

  
Vamshee K. Pamula (Seal)

Witnessed by:

Wendy Dushaw 1/3/2013  
Name Date

Wolfgang 1/3/2013  
Name Date

\*\*\*\*\*

Executed on 4 day of Jan, 2013.  
Richard B. Enr  
Richard B. Enr (Seal)

Witnessed by:

Bang Ning Hsu 1/4/13  
Name Date

[Signature] 1/4/13  
Name Date