

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dr. Vamsee K. Pamula</td> <td>08/02/2013</td> </tr> <tr> <td>Dr. Michael G. Pollack</td> <td>08/05/2013</td> </tr> <tr> <td>Dr. Vijay Srinivasan</td> <td>08/02/2013</td> </tr> </tbody> </table>		Name	Execution Date	Dr. Vamsee K. Pamula	08/02/2013	Dr. Michael G. Pollack	08/05/2013	Dr. Vijay Srinivasan	08/02/2013				
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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 & 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													
<p>Fax Number: 9192879011 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 919-287-9010 Email: patents@liquid-logic.com</p> <p>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</p>													
ATTORNEY DOCKET NUMBER:	026PCT/US												
NAME OF SUBMITTER:	William A. Barrett												
Signature:	/William A. Barrett/												

PATENT

Date:

08/06/2013

Total Attachments: 4

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PATENT ASSIGNMENT

This Assignment is made by Drs. Vamsee K. Pamula, of Durham, North Carolina; Michael G. Pollack, of Durham, North Carolina; and Vijay Srinivasan, 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 **Droplet Actuator Devices and Methods Employing Magnetic Beads**, the invention being described in and identified by an application for United States Letters Patent, filed July 24, 2009 as U.S. Patent Application Serial No. 12/524,495.

AND, WHEREAS, Assignee desires to acquire ownership rights, title and interest arising during the period coincident with, and pursuant to, the Assignors' academic enrollment with, and/or employment by, Assignee.

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 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 solely to the extent arising during the period coincident with, and pursuant to, the Assignors' academic enrollment with and/or employment by, Assignee, and in any improvements on the invention made or acquired by Assignors during the period coincident with, and pursuant to, the Assignors' academic enrollment with and/or employment by Assignee, 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 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.

 Date Aug 2, 2013
Vamsee K. Pamula, PhD

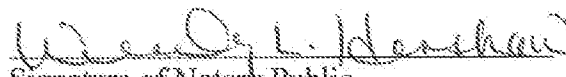
STATE OF North Carolina
COUNTY OF Wake

Sword to or affirmed and subscribed before me this day by

Name: Vamsee K. Pamula

Date: 8/2/2013




Signature of Notary Public
Wendy L. Henshaw
Notary's printed or typed name
My commission expires: 3/1/2015

MP
August

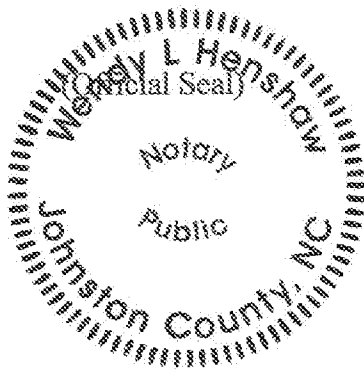
Michael G. Pollack Date July 5, 2013
Michael G. Pollack, PhD

STATE OF North Carolina
COUNTY OF Wake

Sword to or affirmed and subscribed before me this day by

Name: Michael G. Pollack

Date: August 5, 2013



Wendy L. Henshaw
Signature of Notary Public

Wendy L. Henshaw
Notary's printed or typed name

My commission expires: 3/1/2015

[Signature] Date Aug 02, 2013
Vijay Srinivasan

STATE OF North Carolina
COUNTY OF Wake

Sword to or affirmed and subscribed before me this day by

Name: Vijay Srinivasan

Date: 8/2/2013

[Signature]
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