

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Vamsee K Pamula</td> <td>04/13/2010</td> </tr> <tr> <td>Vijay Srinivasan</td> <td>04/13/2010</td> </tr> <tr> <td>Michael G Pollack</td> <td>04/13/2010</td> </tr> </tbody> </table>		Name	Execution Date	Vamsee K Pamula	04/13/2010	Vijay Srinivasan	04/13/2010	Michael G Pollack	04/13/2010				
Name	Execution Date												
Vamsee K Pamula	04/13/2010												
Vijay Srinivasan	04/13/2010												
Michael G Pollack	04/13/2010												
RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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
Name:	Duke University												
Street Address:	Box 90083												
Internal Address:	Office of Science & Technology												
City:	Durham												
State/Country:	NORTH CAROLINA												
Postal Code:	27708												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11639531</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11639531								
Property Type	Number												
Application Number:	11639531												
CORRESPONDENCE DATA													
Fax Number: (919)287-9011 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> 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:	024UTL 1												
NAME OF SUBMITTER:	William Barrett												
Total Attachments: 3													

OP \$40.00 11639531

501147200

PATENT
REEL: 024229 FRAME: 0368

source=024UTL1 04-13-10 ASSIGN Pamula-et-al-2-Duke-Partial-Rights_SIGNED#page1.tif
source=024UTL1 04-13-10 ASSIGN Pamula-et-al-2-Duke-Partial-Rights_SIGNED#page2.tif
source=024UTL1 04-13-10 ASSIGN Pamula-et-al-2-Duke-Partial-Rights_SIGNED#page3.tif

PATENT ASSIGNMENT

This Assignment is made by Varnsee K. Pamula, of Durham North Carolina; Vijay Srinivasan, of Durham, North Carolina; and Michael G. Pollack, 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-Based Washing, the invention being described in and identified by an application for United States Letters Patent, filed December 15, 2006 as U.S. Patent Application Serial No. 11/639,531.

AND, WHEREAS, Assignee desires to acquire ownership rights, title and interest arising during a period coincident with Assignors' academic enrollment with Assignee, and whereas the desired ownership rights, title and interest extend to 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 right, title and interest in and to the application and the invention arising during the period coincident with Assignors' enrollment with Assignee, and in any improvements on the invention made or acquired by Assignors during the period coincident with Assignors' enrollment with 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.

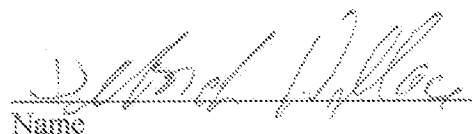
Assignors further warrant and represent that, at the time of the execution and delivery of these presents, Assignors possess rights in the above-mentioned invention and application arising during the period coincident with Assignors' enrollment with Assignee and that they have the unencumbered right and authority to make this assignment.

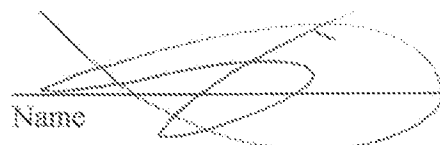
Assignors further covenant and agree, and likewise bind, their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to 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 13th day of April, 2010.

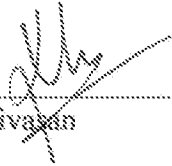

Vamsee K. Pamula (Seal)

Witnessed by:

 4/13/10
Name Date

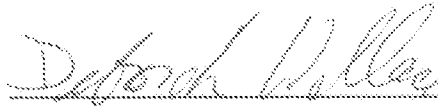
 04/13/10
Name Date

Executed this 13 day of APRIL, 2010.

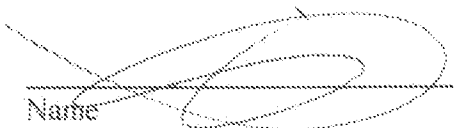


Vijay Srinivasan (Seal)

Witnessed by:

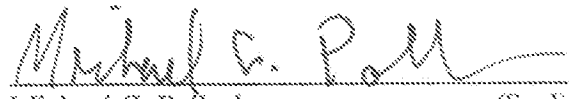
 4/13/10

Name Date

 04/13/10

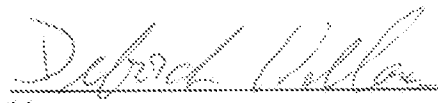
Name Date

Executed this 13th day of April, 2010.

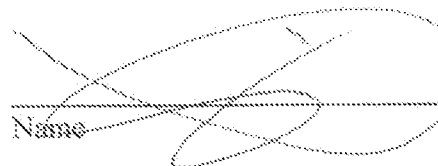


Michael G. Pollack (Seal)

Witnessed by:

 4/13/10

Name Date

 04/13/10

Name Date

ND: 4815-8231-6037, v. 1