

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Michael G Pollack	03/27/2011
Vamsee K Pamula	03/22/2011
Vijay Srinivasan	03/22/2011
<b>RECEIVING PARTY DATA</b>	
Name:	Duke University
Street Address:	Box 90083
Internal Address:	Office of Science & Technology
City:	Durham
State/Country:	NORTH CAROLINA
Postal Code:	27708
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12761147
<b>CORRESPONDENCE DATA</b>	
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ATTORNEY DOCKET NUMBER:	078PCT/US2 INV-2-DUKE
NAME OF SUBMITTER:	William Barrett
Total Attachments: 3 source=078PCT-US2 Assign-Inv-2-Duke#page1.tif source=078PCT-US2 Assign-Inv-2-Duke#page2.tif source=078PCT-US2 Assign-Inv-2-Duke#page3.tif	

OP \$40.00 12761147

PATENT ASSIGNMENT

This Assignment is made by Michael G. Pollack, of Durham, North Carolina; Vijay Srinivasan, of Durham, NC; and Vamsee K. Pamula, 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 Manipulation of Beads in Droplets, the invention being described in and identified by a United States patent application filed April 15, 2010 as United States Patent Application Serial No. 12/761,147.

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

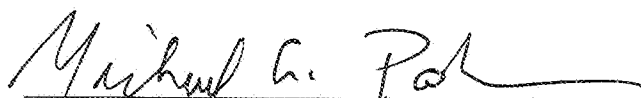
Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made.

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

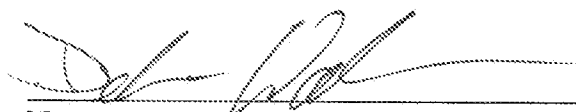
Assignors further warrant and represent that, at the time of the execution and delivery of these presents, Assignors have the unencumbered right and authority to make this assignment.

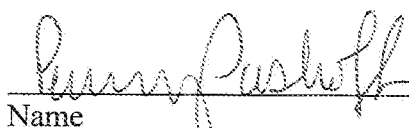
Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to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

Executed this 27<sup>th</sup> day of March, 2011.

  
Michael G. Pollack (Seal)

Witnessed by:

 3/27/11  
Name Date

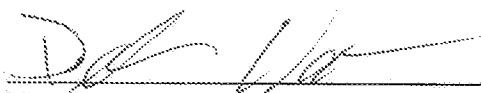
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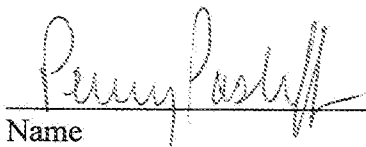
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Executed this 22<sup>nd</sup> day of March, 2011.

  
Vamsee K. Pamula (Seal)

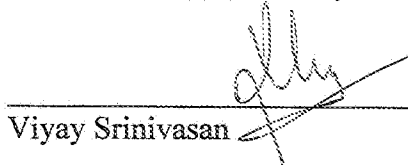
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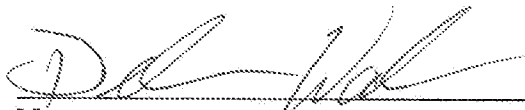
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Name Date

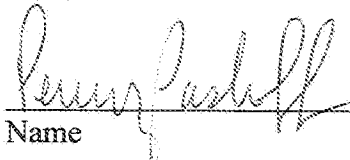
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Executed this 22 day of MARCH, 2011.

  
Viyay Srinivasan (Seal)

Witnessed by:

 3/22/11  
Name Date

 3/22/11  
Name Date

ND: 4811-3679-3608, v. 1

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