

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Beom Seok LEE</td> <td>09/28/2009</td> </tr> <tr> <td>Ji Won KIM</td> <td>09/28/2009</td> </tr> <tr> <td>Jeong Gun LEE</td> <td>09/28/2009</td> </tr> <tr> <td>Kui Hyun KIM</td> <td>09/28/2009</td> </tr> </tbody> </table>		Name	Execution Date	Beom Seok LEE	09/28/2009	Ji Won KIM	09/28/2009	Jeong Gun LEE	09/28/2009	Kui Hyun KIM	09/28/2009		
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CORRESPONDENCE DATA													
<p>Fax Number: (202)293-7860</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-293-7060</p> <p>Email: MABRAMS@SUGHRUE.COM</p> <p>Correspondent Name: SUGHRUE MION, PLLC</p> <p>Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.</p> <p>Address Line 2: SUITE 800</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037</p>													
ATTORNEY DOCKET NUMBER:	Q114809												
NAME OF SUBMITTER:	Christopher R. Lipp												

CH \$40.00 12569437

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PATENT
REEL: 023299 FRAME: 0527

Total Attachments: 1

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Assignment

Whereas, We, Beom Seok LEE, Ji Won KIM, Jeong Gun LEE, and Kui Hyun KIM of Hwaseong-si, Republic of Korea, Suwon-si, Republic of Korea, Seoul, Republic of Korea, and Suwon-si, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in CENTRIFUGAL-BASED MICROFLUIDIC APPARATUS, METHOD OF FABRICATING THE SAME, AND METHOD OF TESTING SAMPLES USING THE MICROFLUIDIC APPARATUS and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. ? 19, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number _____ and Confirmation number _____, filed _____) the application number and filing date of said application when known.

Date:	<u>Sep. 29. 2009</u>	<u>9</u>	<u>4243</u>
	s/Beom Seok LEE		
Date:	<u>Sep. 29. 2009</u>	<u>72</u>	<u>2152</u>
	s/Ji Won KIM		
Date:	<u>Sep. 29. 2009</u>	<u>18</u>	<u>Sep. 2009</u>
	s/Jeong Gun LEE		
Date:	<u>Sep. 29. 2009</u>	<u>76</u>	<u>3152</u>
	s/Kui Hyun KIM		

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. ? 61)