

PATENT ASSIGNMENT

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Stylesheet Version v1.1

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>Hun-joo LEE</td><td>10/05/2007</td></tr><tr><td>Nam HUH</td><td>10/05/2007</td></tr><tr><td>Soo-suk LEE</td><td>10/05/2007</td></tr><tr><td>Sung-ouk JUNG</td><td>10/05/2007</td></tr><tr><td>Soo-hyung CHOI</td><td>10/05/2007</td></tr></tbody></table>	Name	Execution Date	Hun-joo LEE	10/05/2007	Nam HUH	10/05/2007	Soo-suk LEE	10/05/2007	Sung-ouk JUNG	10/05/2007	Soo-hyung CHOI	10/05/2007	
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Soo-hyung CHOI	10/05/2007												
RECEIVING PARTY DATA													
Name:	Samsung Electronics Co., Ltd.												
Street Address:	416, Maetan-dong, Yeongtong-gu												
City:	Suwon-si, Gyeonggi-do												
State/Country:	KOREA, REPUBLIC OF												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11869835</td></tr></tbody></table>	Property Type	Number	Application Number:	11869835									
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Application Number:	11869835												
CORRESPONDENCE DATA													
Fax Number:	(860)286-0115												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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NAME OF SUBMITTER:	James J. Merrick												
Total Attachments: 2 source=Assignment_YPL_0463#page1.tif													

CH \$40.00 11869835

500372587

PATENT
REEL: 019938 FRAME: 0755

ASSIGNMENT

WHEREAS We, Hun-joo LEE of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea, Nam HUH of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea, Seo-suk LEE of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea, Sung-onk JUNG of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea, and Soo-hyung CHOI of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

**MICROFLUIDIC DEVICE USING CENTRIFUGAL FORCE AND PUMP TO
CONTROL FLUID MOVEMENT, MICROFLUIDIC SYSTEM COMPRISING THE
SAME AND METHOD OF MANUFACTURING THE MICROFLUIDIC DEVICE**


which claims priority to Korean Application No. 10-2006-0123393, filed on December 6, 2006, and for which We are about to file an application for Letters Patent of the United States;

AND WHEREAS, Samsung Electronics Co., Ltd. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Korea, having a place of business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

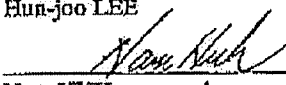
NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any

and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.


The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 5/October/2007
Hun-joo LEE

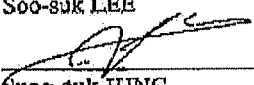
L.S.

Date: 5/October/2007
Nam HUH

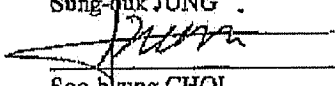
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