

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Won-seok CHUNG</td> <td>01/14/2011</td> </tr> <tr> <td>Myo-yong LEE</td> <td>01/14/2011</td> </tr> <tr> <td>Kak NAMKOONG</td> <td>01/14/2011</td> </tr> <tr> <td>Woochang LEE</td> <td>01/14/2011</td> </tr> </tbody> </table>		Name	Execution Date	Won-seok CHUNG	01/14/2011	Myo-yong LEE	01/14/2011	Kak NAMKOONG	01/14/2011	Woochang LEE	01/14/2011
Name	Execution Date										
Won-seok CHUNG	01/14/2011										
Myo-yong LEE	01/14/2011										
Kak NAMKOONG	01/14/2011										
Woochang LEE	01/14/2011										
<b>RECEIVING PARTY DATA</b>											
Name:	Samsung Electronics Co., Ltd.										
Street Address:	416, Maetan-dong, Yeongtong-gu,										
Internal Address:	Gyeonggi-do,										
City:	Suwon-si										
State/Country:	REPUBLIC OF KOREA										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13007750</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13007750						
Property Type	Number										
Application Number:	13007750										
<b>CORRESPONDENCE DATA</b>											
Fax Number:	(860)286-0115										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	8602862929										
Email:	pcurrie@cantorcolburn.com										
Correspondent Name:	Cantor Colburn LLP										
Address Line 1:	20 Church Street										
Address Line 2:	22nd Floor										
Address Line 4:	Hartford, CONNECTICUT 06103										
ATTORNEY DOCKET NUMBER:	YPL0939US										
NAME OF SUBMITTER:	Amy Bizon-Copp										
Total Attachments: 2											

OP \$40.00 13007750

**501407769**

**PATENT**  
**REEL: 025648 FRAME: 0139**

source=47L7876#page1.tif

source=47L7876#page2.tif

ASSIGNMENT

WHEREAS WE,

**Won-seok CHUNG** of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea; and

**Myo-yong LEE** of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea; and

**Kak NAMKOONG** of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea; and

**Woochang LEE** of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea

(hereinafter collectively referred to as the "ASSIGNORS"), have invented certain new and useful improvements in:

MICROARRAY REACTION DEVICE AND METHOD OF USING THE SAME





(hereinafter referred to as the "INVENTION") which claims priority to Korean Application No. 10-2010-0010133, filed on February 3, 2010; and for which we are about to file an application for a United States Patent (hereinafter collectively referred to as the "APPLICATIONS");

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 any and all countries, in and to the INVENTION, the APPLICATIONS, and any and all Patents 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 ASSIGNORS, have assigned and transferred, and hereby assign and transfer unto ASSIGNEE, the entire right, title and interest in and to the INVENTION, the APPLICATIONS, and any and all Patents that may be issued therefrom, in any and all countries, including any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to ASSIGNEE;

and we do hereby agree that we will execute all papers necessary in connection with any and all patent applications when called upon to do so by ASSIGNEE, its successors or assigns, and that we will, at the cost and expense of ASSIGNEE, fully assist and cooperate in all matters in connection with any and all patent applications and Patents issuing thereon.

The undersigned declare that all statements made herein of his 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 APPLICATIONS or any Patents issuing thereon.

Date: <u>January 14, 2011</u>	 _____ L.S. <b>Won-seok CHUNG</b>
Date: <u>January 14, 2011</u>	 _____ L.S. <b>Myo-yong LEE</b>
Date: <u>January 14, 2011</u>	 _____ L.S. <b>Kak NAMKOONG</b>
Date: <u>January 14, 2011</u>	 _____ L.S. <b>Woochang LEE</b>