

# PATENT ASSIGNMENT

Electronic Version v1.1

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<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>Hun Joo LEE</td> <td>09/21/2009</td> </tr> <tr> <td>Soo Suk LEE</td> <td>09/21/2009</td> </tr> <tr> <td>Eun Chul CHO</td> <td>09/21/2009</td> </tr> </tbody> </table>		Name	Execution Date	Hun Joo LEE	09/21/2009	Soo Suk LEE	09/21/2009	Eun Chul CHO	09/21/2009
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Samsung Electronics Co., Ltd.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>416 Maetan-dong, Yeongtong-gu, Gyeonggi-do</td> </tr> <tr> <td><b>City:</b></td> <td>Suwon-si</td> </tr> <tr> <td><b>State/Country:</b></td> <td>REPUBLIC OF KOREA</td> </tr> </table>		<b>Name:</b>	Samsung Electronics Co., Ltd.	<b>Street Address:</b>	416 Maetan-dong, Yeongtong-gu, Gyeonggi-do	<b>City:</b>	Suwon-si	<b>State/Country:</b>	REPUBLIC OF KOREA
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<b>CORRESPONDENCE DATA</b>									
<p>Fax Number: (860)286-0115</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 860-286-2929</p> <p>Email: fcoleman@cantorcolburn.com</p> <p>Correspondent Name: CANTOR COLBURN, LLP</p> <p>Address Line 1: 20 Church Street</p> <p>Address Line 2: 22nd Floor</p> <p>Address Line 4: Hartford, CONNECTICUT 06103</p>									
<b>ATTORNEY DOCKET NUMBER:</b>	HCP-0008								
<b>NAME OF SUBMITTER:</b>	Noah J. Hayward								
<p>Total Attachments: 2</p> <p>source=2DU7042#page1.tif</p> <p>source=2DU7042#page2.tif</p>									

CH \$40.00 12568724

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**PATENT**  
**REEL: 023295 FRAME: 0385**

## ASSIGNMENT

WHEREAS WE, **Hun Joo LEE** of A-304, Samhyeong Park Mansion, Pyeongchang-dong, Jongno-gu, Seoul 110-012, Republic of Korea; **Soo Suk LEE** of 231-1801, Hwanggol Maeul 2 Danji Apt., Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-744, Republic of Korea and **Eun Chul CHO** of 106-502, Bangbae ArtHill Apt., Bangbae 3-dong, Seocho-gu, Seoul 137-936, Republic of Korea (hereinafter collectively referred to as the “**ASSIGNORS**”), have invented certain new and useful improvements in:

### SURFACE ACOUSTIC WAVE SENSOR DEVICE AND METHOD OF CONTROLLING LIQUID USING THE SAME

(hereinafter referred to as the “**INVENTION**”) which claims priority to Korean Application No. 10-2009-0054394, filed on June 18, 2009; 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 Republic 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: Sep. 21, 2009

  
Hun Joo LEE L.S.

Date: 2001. 09. 21

  
Soo Suk LEE L.S.

Date: 9/21/2009

  
Eun Chul CHO L.S.