

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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| 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>Ho JIN</td> <td>05/18/2010</td> </tr> <tr> <td>Young-chul SOHN</td> <td>05/18/2010</td> </tr> <tr> <td>Jong-wook PARK</td> <td>05/24/2010</td> </tr> </tbody> </table> |  | Name          | Execution Date | Ho JIN              | 05/18/2010 | Young-chul SOHN | 05/18/2010 | Jong-wook PARK | 05/24/2010 |
| Name   | Execution Date                         |               |                |                     |            |                 |            |                |            |
| Ho JIN   | 05/18/2010                             |               |                |                     |            |                 |            |                |            |
| Young-chul SOHN  | 05/18/2010                             |               |                |                     |            |                 |            |                |            |
| Jong-wook PARK   | 05/24/2010                             |               |                |                     |            |                 |            |                |            |
| <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>12745003</td> </tr> </tbody> </table>  |  | Property Type | Number         | Application Number: | 12745003   |                 |            |                |            |
| Property Type  | Number                                 |               |                |                     |            |                 |            |                |            |
| Application Number:  | 12745003                               |               |                |                     |            |                 |            |                |            |
| <b>CORRESPONDENCE DATA</b>   |  |               |                |                     |            |                 |            |                |            |
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| Email:   | mleahy@sughrue.com                     |               |                |                     |            |                 |            |                |            |
| Correspondent Name:  | SUGHRUE MION, PLLC                     |               |                |                     |            |                 |            |                |            |
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| Address Line 2:  | SUITE 800                              |               |                |                     |            |                 |            |                |            |
| Address Line 4:  | WASHINGTON, DISTRICT OF COLUMBIA 20037 |               |                |                     |            |                 |            |                |            |
| ATTORNEY DOCKET NUMBER:  | Q111159                                |               |                |                     |            |                 |            |                |            |
| NAME OF SUBMITTER:   | Peter A. McKenna                       |               |                |                     |            |                 |            |                |            |
| Total Attachments: 1<br>source=ASSIGNMENT_AS_FILED#page1.tif   |  |               |                |                     |            |                 |            |                |            |

CH \$40.00 12745003

Docket No. Q111159  
For Non-U.S. Clients

### Assignment

Whereas, We, Ho JIN, of Yongin-si Republic of Korea, Young-chul SOHN of Seoul, Republic of Korea, and Jong-wook PARK of Seoul, Republic of Korea, hereinafter called assignors, have invented certain improvements in METHOD OF CONTROLLING HOME NETWORK DEVICE USING UNIVERSAL WEB APPLICATION AND APPARATUS THEREOF 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, 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. §119, 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, PELLICANO & FAY LLP 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: \_\_\_\_\_ 2010.5.18  
 \_\_\_\_\_  
 s/Ho JIN

Date: \_\_\_\_\_ 2010.5.18  
 \_\_\_\_\_  
 s/Young-chul SOHN

Date: \_\_\_\_\_ 2010.5.24  
 \_\_\_\_\_  
 s/Jong-wook PARK

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)