

**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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sung-il PARK</td> <td>05/13/2008</td> </tr> <tr> <td>Ga-hyun RYU</td> <td>05/13/2008</td> </tr> </tbody> </table>		Name	Execution Date	Sung-il PARK	05/13/2008	Ga-hyun RYU	05/13/2008
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Sung-il PARK	05/13/2008						
Ga-hyun RYU	05/13/2008						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	Samsung Electronics Co., Ltd.						
<b>Street Address:</b>	416, Maetan-dong, Yeongtong-gu,						
<b>Internal Address:</b>	Gyeonggi-do,						
<b>City:</b>	Suwon-si						
<b>State/Country:</b>	REPUBLIC OF KOREA						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12120534</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12120534		
Property Type	Number						
Application Number:	12120534						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(202)293-7860						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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<b>Correspondent Name:</b>	SUGHRUE MION, PLLC						
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<b>Address Line 4:</b>	WASHINGTON, DISTRICT OF COLUMBIA 20037						
<b>ATTORNEY DOCKET NUMBER:</b>	Q107528						
<b>NAME OF SUBMITTER:</b>	Darryl Mexic						
<b>Total Attachments: 1</b> source=ASSIGNMENT#page1.tif							

CH \$40.00 12120534

Docket No. Q107528  
For Non-U.S. Clients

### Assignment

Whereas, We, Sung-il PARK of Suwon-si, Republic of Korea and Ga-hyun RYU of Suwon-si, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in BROADCASTING SERVICE TRANSMITTING APPARATUS AND METHOD AND BROADCASTING SERVICE RECEIVING APPARATUS AND METHOD FOR EFFECTIVELY ACCESSING BROADCASTING SERVICE and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., (assignee), of 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea 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 I/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 I/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: \_\_\_\_\_ 13. 5. 2008  
 \_\_\_\_\_  
 s/Sung-il PARK

Date: \_\_\_\_\_ 13. 5. 2008  
 \_\_\_\_\_  
 s/Ga-hyun RYU

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