

## PATENT ASSIGNMENT

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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>JAE HYUNG SONG</td> <td>06/08/2009</td> </tr> <tr> <td>JONG YEUL SUH</td> <td>06/08/2009</td> </tr> <tr> <td>CHUL SOO LEE</td> <td>06/08/2009</td> </tr> <tr> <td>GOMER THOMAS</td> <td>06/08/2009</td> </tr> <tr> <td>JIN PIL KIM</td> <td>06/09/2009</td> </tr> <tr> <td>HO TAEK HONG</td> <td>06/08/2009</td> </tr> <tr> <td>JOON HUI LEE</td> <td>06/08/2009</td> </tr> </tbody> </table>		Name	Execution Date	JAE HYUNG SONG	06/08/2009	JONG YEUL SUH	06/08/2009	CHUL SOO LEE	06/08/2009	GOMER THOMAS	06/08/2009	JIN PIL KIM	06/09/2009	HO TAEK HONG	06/08/2009	JOON HUI LEE	06/08/2009
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RECEIVING PARTY DATA																	
Name:	LG ELECTRONICS INC.																
Street Address:	20 YEOUIDO-DONG, YEONGDEUNGPO-GU																
City:	SEOUL																
State/Country:	KOREA, REPUBLIC OF																
Postal Code:	150-721																
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>13679955</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13679955												
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CORRESPONDENCE DATA																	
Fax Number:	2136232211																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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ATTORNEY DOCKET NUMBER:	2080-3712C1																

CH \$40.00 13679955

NAME OF SUBMITTER:	RICHARD C. SALFELDER
Signature:	/RICHARD C. SALFELDER/
Date:	05/31/2013
<b>Total Attachments: 4</b> source=2080-3712C1 Assignment#page1.tif source=2080-3712C1 Assignment#page2.tif source=2080-3712C1 Assignment#page3.tif source=2080-3712C1 Assignment#page4.tif	

ASSIGNMENT

- (1-8) *Insert Name(s) of Inventor(s)* (1) Jae Hyung SONG (5) Jin Pil KIM  
(2) Jong Yeul SUH (6) Ho Taek HONG  
(3) Chul Soo LEE (7) Joon Hui LEE  
(4) THOMAS, Gomer (8)
- In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to
- (9) *Insert name of Assignee* (9) LG ELECTRONICS INC.  
(10) *Insert state of Incorporation of Assignee* (10) Korea  
(11) *Insert address of Assignee* (11) 20 Yoido-dong, Yeongdungpo-gu,  
Seoul, 150-010, Korea
- (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as
- (12) *Insert identification of Invention, such as Title, Case Number or Foreign Application Number* (12) METHOD FOR MAPPING BETWEEN SIGNALING INFORMATION AND ANNOUNCEMENT INFORMATION AND BROADCAST RECEIVER
- for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.
- (13) *Insert Date of Signing of Application* (13)

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

The undersigned hereby appoints the Attorneys associated with Customer No. 035884 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 6/8/2009 Signature of Inventor: [Signature]  
Date: 2009/6/18 Signature of Inventor: [Signature]  
Date: June 8, 2009 Signature of Inventor: [Signature]  
Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Date: JUNE 9, 2009 Signature of Inventor: [Signature]  
Date: 8th June, 2009 Signature of Inventor: [Signature]  
Date: June 8 2009 Signature of Inventor: [Signature]

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The undersigned hereby appoints the Attorneys associated with Customer No. 035864 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Date: 8 June 2009 Signature of Inventor: Gomer Thomas  
Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_