

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5758006

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the NAME OF THE 11TH INVENTOR previously recorded on Reel 047908 Frame 0304. Assignor(s) hereby confirms the NAME OF THE 11TH INVENTOR IS BYOUNG GILL KIM.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHUL SOO LEE	01/04/2010
IN HWAN CHOI	01/05/2010
HO TAEK HONG	12/30/2009
KOOK YEON KWAK	01/21/2010
HYOUNG GON LEE	01/05/2010
JAE HYUNG SONG	01/06/2010
JIN PIL KIM	01/21/2010
WON GYU SONG	01/05/2010
JOON HUI LEE	12/30/2009
JIN WOO KIM	01/05/2010
BYOUNG GILL KIM	01/05/2010
JONG YEUL SUH	01/14/2010
KYU TAE AHN	12/30/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LG ELECTRONICS INC.
<b>Street Address:</b>	20 YEOUIDO-DONG, YEONGDEUNGPO-GU
<b>City:</b>	SEOUL
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	150-721
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16240624
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(213)623-2211
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	2136232221
<b>Email:</b>	PATENT@LHLAW.COM

PATENT

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**Address Line 4:** LOS ANGELES, CALIFORNIA 90017

**ATTORNEY DOCKET NUMBER:** 2080-3729C1C1C1D1

**NAME OF SUBMITTER:** HARRY S. LEE

**SIGNATURE:** /Harry S. Lee/

**DATE SIGNED:** 10/07/2019

**Total Attachments: 12**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																												
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**PATENT****REEL: 050648 FRAME: 0528**

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**Correspondent Name:** LEE, HONG, DEGERMAN, KANG & WAIMEY  
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**NAME OF SUBMITTER:** HARRY S. LEE

**Signature:** /Harry S. Lee/

**Date:** 01/04/2019

**Total Attachments: 8**

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**RECEIPT INFORMATION**

**EPAS ID:** PAT5310565  
**Receipt Date:** 01/04/2019

# ASSIGNMENT

(1-8) *Insert Name(s) of Inventor(s)*

- |                    |                      |
|--------------------|----------------------|
| (1) Chul Soo LEE   | (8) Won Gyu SONG     |
| (2) In Hwan CHOI   | (9) Joon Hui LEE     |
| (3) Ho Taek HONG   | (10) Jin Woo KIM     |
| (4) Kook Yeon KWAK | (11) Byoung Gill KIM |
| (5) Hyoung Gon LEE | (12) Jong Yeul SUH   |
| (6) Jae Hyung SONG | (13) Kyu Tae AHN     |
| (7) Jin Pil KIM    |                      |

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) Republic of Korea

(11) *Insert address of Assignee*

(11) 20, Yeouido-dong, Yeongdeungpo-gu, Seoul, 150-721, Republic of 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) **DIGITAL BROADCASTING SYSTEM AND METHOD OF PROCESSING DATA IN DIGITAL BROADCASTING SYSTEM**  
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: _____	Signature of Inventor (1) _____
Date: _____	Signature of Inventor (2) _____
Date: _____	Signature of Inventor (3) _____
Date: _____	Signature of Inventor (4) _____
Date: _____	Signature of Inventor (5) _____
Date: _____	Signature of Inventor (6) _____
Date: _____	Signature of Inventor (7) _____
Date: _____	Signature of Inventor (8) _____
Date: _____	Signature of Inventor (9) _____
Date: _____	Signature of Inventor (10) _____
Date: _____	Signature of Inventor (11) _____
Date: <u>2010/1/14</u>	Signature of Inventor (12) <u>M. Ga</u>
Date: _____	Signature of Inventor (13) _____

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(1-8) *Insert Name(s) of Inventor(s)*

- |                    |                      |
|--------------------|----------------------|
| (1) Chul Soo LEE   | (8) Won Gyu SONG     |
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Date: Jan 01, 2010 Signature of Inventor (1): [Signature]

Date: \_\_\_\_\_ Signature of Inventor (2) \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor (3) \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor (4) \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor (5) \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor (6) \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor (7) \_\_\_\_\_

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Date: \_\_\_\_\_ Signature of Inventor (11) \_\_\_\_\_

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Date: _____	Signature of Inventor (1) _____
Date: <u>Jan 05, 2010</u>	Signature of Inventor (2) <u>[Signature]</u>
Date: _____	Signature of Inventor (3) _____
Date: _____	Signature of Inventor (4) _____
Date: <u>Jan. 05, 2010</u>	Signature of Inventor (5) <u>[Signature]</u>
Date: <u>Jan. 06, 2010</u>	Signature of Inventor (6) <u>[Signature]</u>
Date: _____	Signature of Inventor (7) _____
Date: <u>Jan 05, 2010</u>	Signature of Inventor (8) <u>[Signature]</u>
Date: _____	Signature of Inventor (9) _____
Date: <u>Jan 05, 2010</u>	Signature of Inventor (10) <u>[Signature]</u>
Date: <u>Jan, 05, 2010</u>	Signature of Inventor (11) <u>[Signature]</u>
Date: _____	Signature of Inventor (12) _____
Date: _____	Signature of Inventor (13) _____

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Date: _____	Signature of Inventor (1) _____
Date: _____	Signature of Inventor (2) _____
Date: <u>30 Dec. 2009</u>	Signature of Inventor (3) <u>[Signature]</u>
Date: <u>2010, JAN. 21</u>	Signature of Inventor (4) <u>[Signature]</u>
Date: _____	Signature of Inventor (5) _____
Date: _____	Signature of Inventor (6) _____
Date: <u>2010, JAN. 21</u>	Signature of Inventor (7) <u>[Signature]</u>
Date: _____	Signature of Inventor (8) _____
Date: <u>December 30, 2009</u>	Signature of Inventor (9) <u>[Signature]</u>
Date: _____	Signature of Inventor (10) _____
Date: _____	Signature of Inventor (11) _____
Date: _____	Signature of Inventor (12) _____
Date: <u>2009, Dec 30</u>	Signature of Inventor (13) <u>[Signature]</u>