

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SEUNGHEE HAN	11/21/2011
DONGCHEOL KIM	11/21/2011
SUNGHO MOON	11/22/2011
HANGYU CHO	11/21/2011
JINMIN KIM	11/21/2011
HYUNWOO LEE	11/21/2011
JAEHOON CHUNG	11/21/2011
RECEIVING PARTY DATA	
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City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-721
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15596801
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ATTORNEY DOCKET NUMBER:	2101-5129C1C1C1C1
NAME OF SUBMITTER:	MICHAEL E. MONACO
SIGNATURE:	/Michael Monaco/
DATE SIGNED:	05/16/2017

PATENT

Total Attachments: 4

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ASSIGNMENT

- | | | |
|--|-------------------|-------------------|
| (1-8) <i>Insert Name(s) of Inventor(s)</i> | (1) SEUNGHEE HAN | (5) JINMIN KIM |
| | (2) DONGCHEOL KIM | (6) HYUNWOO LEE |
| | (3) SUNGHO MOON | (7) JAEHOON CHUNG |
| | (4) HANGYU CHO | (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) <i>Insert name of Assignee</i> | (9) LG ELECTRONICS INC. |
| (10) <i>Insert state of Incorporation of Assignee</i> | (10) Korea |
| (11) <i>Insert address of Assignee</i> | (11) 20 Yeouido-dong, Yeongdeungpo-gu,
Seoul, 150-721, Korea |

(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

- | | |
|--|---|
| (12) <i>Insert identification of Invention, such as Title, Case Number or Foreign Application Number</i> | (12) METHOD AND APPARATUS FOR TRANSMITTING CONTROL INFORMATION IN WIRELESS COMMUNICATION SYSTEM
(Application no. 13/279,215) |
|--|---|

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.

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.

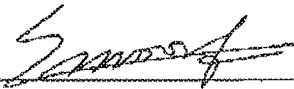
5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby 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.

Attorney Docket No. 2101-5129

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: Nov. 22, 2011 Signature of Inventor 3  _____

Date: _____ Signature of Inventor 4 _____

Date: _____ Signature of Inventor 5 _____

Date: _____ Signature of Inventor 6 _____

Date: _____ Signature of Inventor 7 _____

ASSIGNMENT

- | | | |
|--|-------------------|-------------------|
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| | (2) DONGCHEOL KIM | (6) HYUNWOO LEE |
| | (3) SUNGHO MOON | (7) JAEHOON CHUNG |
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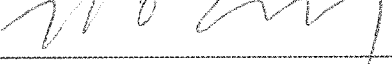
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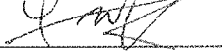
The undersigned hereby appoints **the Attorneys associated with Customer No. 035884** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 2/14 Nov 2011 Signature of Inventor 1 

Date: 21 Nov 2011 Signature of Inventor 2 

Date: _____ Signature of Inventor 3 _____

Date: 21 Nov 2011 Signature of Inventor 4 

Date: 21 Nov 2011 Signature of Inventor 5 

Date: 21 Nov 2011 Signature of Inventor 6 

Date: 21 Nov, 2011 Signature of Inventor 7 