

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the EXECUTION DATE OF THE INVENTORS previously recorded on Reel 035998 Frame 0272. Assignor(s) hereby confirms the CORRECT EXECUTION DATE SHOULD BE 2009 AND NOT 2015.
CONVEYING PARTY DATA	
Name	Execution Date
HAK SEONG KIM	04/01/2009
SUNG DUK CHOI	04/01/2009
KI JUN KIM	04/01/2009
SUK HYON YOON	04/01/2009
JOON KUI AHN	04/01/2009
BONG HOE KIM	04/01/2009
DONG YOUN SEO	04/01/2009
YOUNG WOO YUN	04/01/2009
JUNG HOON LEE	04/01/2009
SEONG HOON JEONG	04/01/2009
RECEIVING PARTY DATA	
Name:	LG ELECTRONICS INC.
Street Address:	20 YOIDO-DONG, YOUNGDUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-010
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14754026
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	2136232221
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PATENT

ATTORNEY DOCKET NUMBER:	2101-3648C1C1C1
NAME OF SUBMITTER:	MICHAEL E. MONACO
SIGNATURE:	/Michael Monaco/
DATE SIGNED:	08/08/2016

Total Attachments: 13

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 8, 2015

PTAS

LEE, HONG, DEGERMAN, KANG & WAIMEY
660 S. FIGUEROA STREET
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LOS ANGELES, CA 90017

503371725

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RECORDATION DATE: 06/29/2015

REEL/FRAME: 035998/0272

NUMBER OF PAGES: 10

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 2101-3648C1C1C1

ASSIGNOR:

KIM, HAK SEONG

DOC DATE: 04/01/2015 2009

ASSIGNOR:

CHOI, SUNG DUK

DOC DATE: 04/01/2015 2009

ASSIGNOR:

KIM, KI JUN

DOC DATE: 04/01/2015 2009

ASSIGNOR:

YOON, SUK HYON

DOC DATE: 04/01/2015 2009

ASSIGNOR:

AHN, JOON KUI

DOC DATE: 04/01/2015 2009

ASSIGNOR:

KIM, BONG HOE

DOC DATE: 04/01/2015 2009

ASSIGNOR:

SEO, DONG YOUN

DOC DATE: 04/01/2015 2009



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Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT																						
NATURE OF CONVEYANCE:	ASSIGNMENT																						
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Address Line 4: LOS ANGELES, CALIFORNIA 90017	
ATTORNEY DOCKET NUMBER:	2101-3648C1C1C1
NAME OF SUBMITTER:	MICHAEL E. MONACO
Signature:	/Michael E. Monaco/
Date:	06/29/2015
Total Attachments: 8 source=8_2101-3648C1C1C1-ParentAssignment#page1.tif source=8_2101-3648C1C1C1-ParentAssignment#page2.tif source=8_2101-3648C1C1C1-ParentAssignment#page3.tif source=8_2101-3648C1C1C1-ParentAssignment#page4.tif source=8_2101-3648C1C1C1-ParentAssignment#page5.tif source=8_2101-3648C1C1C1-ParentAssignment#page6.tif source=8_2101-3648C1C1C1-ParentAssignment#page7.tif source=8_2101-3648C1C1C1-ParentAssignment#page8.tif	
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Receipt Date: 06/29/2015	

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PATENT

<http://epas.uspto.gov/com/receipt.jsp?iname=QB359U9D5R62-419> **REEL: 039629 FRAME: 0773**

ASSIGNMENT

(1-12) Insert Name(s) of
Inventor(s)

- | | |
|-------------------|-----------------------|
| (1) HAK SEONG KIM | (7) DONG YOUN SEO |
| (2) SUNG DUK CHOI | (8) YOUNG WOO YUN |
| (3) KI JUN KIM | (9) JUNG HOON LEE |
| (4) SUK HYON YOON | (10) SEONG HOON JEONG |
| (5) JOON KUI AHN | (11) |
| (6) BONG HOE KIM | (12) |

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

(13) Insert name of Assignee

(13) **LG ELECTRONICS INC.**

(14) Insert state of Incorporation
of Assignee

(14) **Korea**

(15) Insert address of Assignee

(15) 20 Yoido-dong, Youngdungpo-gu,
Seoul, 150-010, Korea

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

(16) Insert identification of
Invention, such as Title,
Case Number or Foreign
Application Number

(16) **METHOD FOR TRANSMITTING CONTROL SIGNAL USING
EFFICIENT MULTIPLEXING**

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.

(17) Insert Date of Signing of
Application

(17) April 1, 2009 and April 2, 2009

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.

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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.

- 1) Date: 1 April, 2009 Signature of Inventor: [Signature]
- 2) Date: _____ Signature of Inventor: _____
- 3) Date: 1 April, 2009 Signature of Inventor: [Signature]
- 4) Date: _____ Signature of Inventor: _____
- 5) Date: 1 Apr 2009 Signature of Inventor: [Signature]
- 6) Date: 1 Apr 2009 Signature of Inventor: [Signature]
- 7) Date: 1 Apr 2009 Signature of Inventor: [Signature]
- 8) Date: 1 Apr 2009 Signature of Inventor: [Signature]
- 9) Date: 1 Apr 2009 Signature of Inventor: [Signature]
- 10) Date: _____ Signature of Inventor: _____

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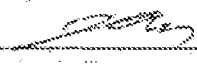
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- 1) Date: _____ Signature of Inventor _____
- 2) Date: 04/01/2009 Signature of Inventor 
- 3) Date: _____ Signature of Inventor _____
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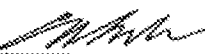
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9) Date: _____	Signature of Inventor _____
10) Date: <u>2009. 4. 2</u>	Signature of Inventor <u><i>me</i></u>