### 501929730 05/22/2012

### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **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	04/02/2009

### **RECEIVING PARTY DATA**

Name:	LG Electronics Inc.
Street Address:	20 YOIDO-DONG, YOUNGDUNGPO-GU
City:	Los Angeles
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-010

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13476973

### **CORRESPONDENCE DATA**

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Correspondent Name: LEE, HONG, DEGERMAN, KANG & WAIMEY

**PATENT** 

REEL: 028251 FRAME: 0244

OP \$40.00 13476973

501929730

Address Line 1: 660 S. FIGUEROA STREET Address Line 2: **Suite 2300** Address Line 4: LOS ANGELES, CALIFORNIA 90017 ATTORNEY DOCKET NUMBER: 2101-3648R1 NAME OF SUBMITTER: Harry S. Lee Total Attachments: 8 source=2101-3648R1-Assignment#page1.tif source=2101-3648R1-Assignment#page2.tif source=2101-3648R1-Assignment#page3.tif source=2101-3648R1-Assignment#page4.tif source=2101-3648R1-Assignment#page5.tif source=2101-3648R1-Assignment#page6.tif source=2101-3648R1-Assignment#page7.tif

source=2101-3648R1-Assignment#page8.tif

PATENT REEL: 028251 FRAME: 0245

(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

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- (4) SUK HYON YOON
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- (5) JOON KUI AHN
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- (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

- (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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- 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.
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- 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.

1) Date: 1. April, 200	Signature of Inventor 7234
2) Date:	Signature of Inventor
3) Date: 1. April . 2004	Signature of Inventor 2113
4) Date:	Signature of Inventor
5) Date: <u>/. Apr 1009</u>	Signature of Inventor
6) Date: 1. Apr. 200f	Signature of Inventor
7) Date: 1. Apr. 2003	Signature of Inventor
8) Date: [. Apt. 200]	Signature of Inventor
9) Date: 1. Apr. 2009	Signature of Inventor
10) Date:	Signature of Inventor

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4) Date: April 1, 2009	Signature of Inventor MMM
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