PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | NEW ASSIGNMENT |  |  |  |
|-----------------------|----------------|--|--|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |  |  |  |

### **CONVEYING PARTY DATA**

| Name           | Execution Date |  |
|----------------|----------------|--|
| Young-Dae LEE  | 03/26/2010     |  |
| Sung-Duck CHUN | 03/19/2010     |  |
| Seung-June YI  | 03/23/2010     |  |
| Sung-Jun PARK  | 03/19/2010     |  |

### **RECEIVING PARTY DATA**

| Name:           | LG Electronics Inc.          |  |  |
|-----------------|------------------------------|--|--|
| Street Address: | 20 Yoido-dong, Yongdungpo-ku |  |  |
| City:           | Seoul                        |  |  |
| State/Country:  | REPUBLIC OF KOREA            |  |  |

### PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12682841 |

### **CORRESPONDENCE DATA**

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Address Line 4: Washington, DISTRICT OF COLUMBIA 20006

| ATTORNEY DOCKET NUMBER: | 8737.361.00  |
|-------------------------|--------------|
| NAME OF SUBMITTER:      | Eric J. Nuss |

Total Attachments: 4

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PATENT REEL: 024224 FRAME: 0575 12682841

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> PATENT REEL: 024224 FRAME: 0576

# Assignment of Application

WHEREAS, I (WE) Sung-Duck CHUN, Seung-June YI, Sung-Jun PARK, Young-Dae LEE, respectively, have invented certain new and useful improvements in:

# METHOD FOR TRANSMITTING DATA OF COMMON CONTROL CHANNEL X for which an application for a Letters Patent was executed on 26/03/2010 for which an application for a Letters Patent was filed on as Application No. WHEREAS, LG Electronics Inc. (hereinafter referred to as "ASSIGNEE") having a place of business at:

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

20, Yeouido-Dong, Yeongdeungpo-Gu, Seoul, Republic of Korea

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, 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) Sung-Duck CHUN |
| Date:            |  |
|                  | (Signature of Inventor) Seung-June YI  |
| Date:            |  |
|                  | (Signature of Inventor) Sung-Jun PARK  |
| Date: 26/07/2010 | YOUNG DAE LET                          |
|                  | (Signature of Inventor) Young-Dae LEE  |

McKenna Long & Aldridge LLP
Attorneys At Law
1900 K Street, N.W.

Washington, D.C. 20006

# **Assignment of Application**

WHEREAS, I (WE) Sung-Duck CHUN, Seung-June YI, Sung-Jun PARK, Young-Dae LEE, respectively, have invented certain new and useful improvements in:

| METHOD FOR TRANSMITTING DATA OF COMMON CONTROL CHANNEL |         |               |                |                  |             |      |      |          |
|--|---------|---------------|----------------|------------------|-------------|------|------|----------|
| X for  | which a | ın applicatio | on for a Lette | ers Patent was   | executed on | even | date | herewith |
| for  | which a |               |                | ers Patent was i |             |      |      |          |
| WHER   | EAS.    | LG Electr     | onice Inc      |                  | •           |      |      |          |

(hereinafter referred to as "ASSIGNEE") having a place of business at: 20, Yeouido-Dong, Yeongdeungpo-Gu, Seoul, Republic of Korea

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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| Date: 19-03 - 2010 | Sung Duek CHUM, of                     |
|--------------------|--|
|                    | (Signature of Inventor) Sung-Duck CHUN |
| Date: 23-03-2010   | Seung June (Signature of Inventor)     |
|                    | Seung-June YI                          |
| Date: (9-03-2010   | Sung Jun Park (Signature of Inventor)  |
|                    | Sung-Jun PARK                          |
| Date:              |  |
|                    | (Signature of Inventor) Young-Dae LFE  |

McKenna Long & Aldridge LLP Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

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**RECORDED: 04/13/2010**