PATENT ASSIGNMENT

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

CONVEYING PARTY DATA

| Name | Execution Date |
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| Moon II Lee | 03/30/2010 |
| Jae Hoon Chung | 03/31/2010 |
| Yeong Hyeon Kwon | 04/01/2010 |
| Jin Sam Kwak | 04/01/2010 |
| Doo Hyun Sung | 04/01/2010 |

RECEIVING PARTY DATA

| Name: | LG Electronics Inc. | |
|-----------------|----------------------------------|--|
| Street Address: | 20 Yeouido-dong, Yeongdeungpo-gu | |
| City: | Seoul | |
| State/Country: | REPUBLIC OF KOREA | |
| Postal Code: | 150-721 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
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| Application Number: | 12811205 |

CORRESPONDENCE DATA

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8737.374.00

NAME OF SUBMITTER: Michael I. Angert

PATENT

REEL: 024613 FRAME: 0237

CH \$40.00 12811

Total Attachments: 2

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PATENT REEL: 024613 FRAME: 0238

Assignment of Application

| WHEREAS, | I (WE) | and Jin San KWAK | | nong, reun | g Hyeon Kvi | ON |
|----------------------|-------------|---------------------------------------|----------|-----------------|-------------|---------|
| | | | | ··- | , respec | tively, |
| have invented certa | ain new a | and useful improvemen | ıts in: | | | |
| METHOD | FOR TR | RANSMITTING UE-TI INFORMAT | | RED CHANNI | EL STATUS | |
| for which an applic | cation for | r Letters Patent was ex- | ecuted c | on | | |
| | | · · · · · · · · · · · · · · · · · · · | | | | |
| (Application No. | | , | Filed | | |), and |
| WHEREAS, | LG EL | ECTRONICS INC. | | | | |
| (hereinafter referre | ed to as ". | ASSIGNEE") having a | place o | of business at: | | |
| 20 Yeouido-dong, | Yeongde | eungpo-gu, Seoul 150-7 | 721, Re | public of Kor | ea | |

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.

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.

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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: May 30th 20 (0

(Signature of Inventor)

LEE, Moon Il

Date: March 31st, 2010

Signature of Inventor)

CHUNG, Jae Hoon

Date: Apr. 01, 2010.

(Signature of Inventor)

KWON, Yeong Hyeon

Date: Apr. 01, 2010

(Signature of Inventor)

KWAK, Jin Sam

Date: 2010. 4. [

(Signature of Inventor)

SUNG, Doo Hyun

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