PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Kyu Jin PARK | 06/17/2011 |
| Jae Hoon CHUNG | 06/24/2011 |
| Han Kyu CHO | 06/24/2011 |
| Yeong Hyeon KWON | 10/19/2011 |
| Sung Ho MOON | 10/19/2011 |

RECEIVING PARTY DATA

| Name: | LG ELECTRONICS INC. |
|-----------------|-----------------------------------|
| Street Address: | 20, Yeouido-dong, Yeongdeungpo-gu |
| City: | Seoul |
| State/Country: | REPUBLIC OF KOREA |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13142266 |

CORRESPONDENCE DATA

 Fax Number:
 (213)623-2211

 Phone:
 213-623-2221

 Email:
 patent@lhlaw.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

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

Address Line 1: 660 S. FIGUEROA STREET

Address Line 2: Suite 2300

Address Line 4: LOS ANGELES, CALIFORNIA 90017

ATTORNEY DOCKET NUMBER: 2101-5000

NAME OF SUBMITTER: Harry S. Lee

Total Attachments: 2

source=3_2101-5000_Assignment#page1.tif source=3_2101-5000_Assignment#page2.tif

OP \$40.00 13

PATENT REEL: 027095 FRAME: 0229

ASSIGNMENT

- (1-8) Insert Name(s) of Inventor(s)
- (1) Kyu Jin PARK (5) Sung Ho MOON
- (2) Jae Hoon CHUNG (6)(3) Han Kyu CHO (7)
- (4) Yeong Hyeon KWON (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)Insert name of Assignee

of Assignee

- (10) Insert state of Incorporation
- (9) LG Electronics Inc.
- (10) Republic of Korea
- (11) Insert address of Assignee
- (11) 20, Yeouido-dong, Yeongdeungpo-gu, Seoul, 150-721, Republic of Korea

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

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

(12) METHOD OF ALLOCATING RESOURCE FOR RELAY (Application No.: 13/142,266)

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.

- 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.
- The undersigned agree(s) to execute all papers necessary in connection with any interference 2) 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.
- The undersigned agree(s) to execute all papers and documents and perform any act which may be 3) necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 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.
- 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.

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.

> PATENT **REEL: 027095 FRAME: 0230**

| Date: | June 11, 2011 | Signature of Inventor (1) |
|-------|-----------------|--|
| | | Signature of Inventor (2) for thorn Clug |
| | | Signature of Inventor (3) |
| Date: | Oct 19-64.2011 | Signature of Inventor (4) # 454 |
| | Oct. 19th. 2011 | |

PATENT REEL: 027095 FRAME: 0231

RECORDED: 10/20/2011