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Attorney Docket No.: 2101-3415

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Hak Seong KIM, Bong Hoe KIM, Dong Wook ROH, Joon Kui AHN,
Dong Youn SEO and Joon Hoon LEE2. Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

Execution Date(s): April 21, 2008 and June 23, 2008

2. Name and address of receiving party(ies):

LG ELECTRONICS INC.
20, Yoido-dong, Youngdungpo-gu
Seoul, KoreaAdditional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

 This document is being filed together with a new application.

A. Patent Application No.(s) 11/996,284

B. Patent No.(s) N/A

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

JONATHAN Y. KANG, ESQ.
LEE, HONG, DEGERMAN, KANG & SCHMADEKA
At the address associated with Customer No. 35884
Phone: (213) 623-2221
Fax: (213) 623-2211

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) \$40

- Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 502290

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

 HARRY S. LEE, REG. NO. 56,814

Date: July 22, 2008

OMB No. 0651-0011 (exp. 4/94)

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Attorney Docket No. 2101-3415

ASSIGNMENT

- (1-8) *Insert Name(s) of Inventor(s)*
- (1) HAK SEONG KIM (4) JOON KUI AHN
 (2) BONG HOE KIM (5) DONG YOUN SEO
 (3) DONG WOOK ROH (6) JUNG HOON LEE
- 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* (9) **LG ELECTRONICS INC.**
 (10) *Insert state of Incorporation of Assignee* (10) KOREA
 (11) *Insert address of Assignee* (11) 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
- (12) *Insert Identification of Invention, such as Title, Case Number or Foreign Application Number* (12) **A METHOD FOR TRANSMITTING AND RECEIVING DATA IN A MULTI-CARRIER SYSTEM (Serial No. 11/996,284)**
- 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.
- (13) *Insert Date of Signing of Application* (13) April 21, 2008 and June 23, 2008

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.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference 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.

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.

4) 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.

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.

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.

Date: 2008. 6. 23 Signature of Inventor: [Signature]

Date: 21 Apr. 2008 Signature of Inventor: [Signature]

Date: 23 Jun 2008 Signature of Inventor: [Signature]

Date: 23 Jun 2008 Signature of Inventor: [Signature]

Date: 23 Jun 2008 Signature of Inventor: [Signature]

Date: 23 Jun 2008 Signature of Inventor: [Signature]