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Attorney Docket No.: 2101-3381

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1. Name of conveying party(ies):  
Moon Il LEE, Bin Chul IHM, Jae Wan KIM, Sung Ho PARK and Wook Bong LEE

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

LG ELECTRONICS INC.  
20, Yoido-dong, Youngdungpo-gu  
Seoul, Korea

2. Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger  
 Security Agreement  Change of Name  
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Execution Date: December 18, 2007

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

This document is being filed together with a new application.

A. Patent Application No.(s) 11/858,082

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

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 Authorized to be charged to deposit account

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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.*

  
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Date: January 29, 2008

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

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PATENT  
REEL: 020441 FRAME: 0344

**Attorney Docket No. 2101-3381****ASSIGNMENT**

(1-8) *Insert Name(s) of Inventor(s)*

- |                  |                   |
|------------------|-------------------|
| (1) Moon Il LEE  | (4) Sung Ho PARK  |
| (2) Bin Chul IHM | (5) Wook Bong LEE |
| (3) Jae Wan KIM  | (6)               |

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 OF TRANSMITTING USING PHASE SHIFT-BASED PRECODING AND AN APPARATUS FOR IMPLEMENTING THE SAME IN A WIRELESS COMMUNICATION SYSTEM**

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) **December 18, 2007**

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.

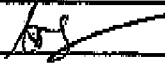
The undersigned hereby appoints the Attorneys associated with Customer No. 035884 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 18th, Dec, 2007 Signature of Inventor 

Date: 2007.12.18 Signature of Inventor 

Date: 2007, 12, 18 Signature of Inventor 

Date: 18th Dec. 2007 Signature of Inventor 

Date: 18th Dec. 2007 Signature of Inventor 

Date: \_\_\_\_\_ Signature of Inventor \_\_\_\_\_