

Form PTO-1595
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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No.: 2101-3347

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

1. Name of conveying party(ies):
Moon-Il LEE, Bin-Chul IHM, Jin-Young CHUN, Jae-Won CHANG and
Jin-Hyuk JUNG2. 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: May 23, 2007

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

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

Additional 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) 11/754,873

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

(Attach duplicate copy of this page if paying by 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.



LEW EDWARD V. MACAPAGAL, REG. NO. 55,416

Date: May 29, 2007

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

Mail documents to be recorded with required cover sheet information to:

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Attorney Docket No.:
2101-3347

ASSIGNMENT

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

- | | |
|--------------------|-----|
| (1) Moon-Il LEE | (5) |
| (2) Bin-Chul IHM | (6) |
| (3) Jin-Young CHUN | (7) |
| (4) Jae-Won CHANG | (8) |
| (5) Jin-Hyuk JUNG | |

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) Republic of Korea

(11) *Insert address of Assignee*

(11) 20, Yeouido-Dong, Yeongdeungpo-Gu, Seoul, 150-721, 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) **SIGNAL GENERATION USING PHASE-SHIFT BASED PRE-CODING**

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) May 23, 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.


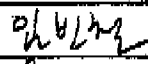



4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

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 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.

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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: <u>May 23, 2007</u>	Signature of Inventor: <u></u>
Date: <u>May 23, 2007</u>	Signature of Inventor: <u></u>
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