

Form PTO-1595
1-3-92

RECORDATION FORM COVER LETTER PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 2101-3309C1

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

1. Name of conveying party Hak Seong Kim, Bong Hoe Kim, Joon Kui Ahn, Dong Youn Seo, Jung Hoon Lee, Young Woo Yun, Suk Hyon Yoon, Eun Sun Kim, and Ki Jun Kim

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
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

Execution Date: June 25, 2007; June 25, 2007; July 2, 2007, July 2, 2007; June 27, 2007; July 2, 2007; June 25, 2007; June 25, 2007; July 2, 2007, respectively

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) 12/698,482

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 & WAIMEY
660 South Figueroa Street
Suite 2300
Los Angeles, CA 90017

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)

DO NOT USE THIS SPACE

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.



Sevan Savsa, Reg. No. 61,718

Date: February 2, 2010

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

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

**Mail Stop Assignment Recordation Services
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450**

PATENT

700428513

REEL: 023888 FRAME: 0846

CH \$40.00 502290 12698482

Attorney Docket No. 2101-3309

ASSIGNMENT

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

(1) Hak Seong KIM	(5) Jung Hoon LEE
(2) Bong Hoe KIM	(6) Young Woo YUN
(3) Joon Kul AHN	(7) Suk Hyon YOON
(4) Dong Youn SEO	(8) Eun Sun KIM
	(9) KI Jun KIM

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, Yoido-dong, Youngdungpo-gu
 Seoul, 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 RADIO RESOURCES IN MULTI-CARRIER SYSTEM**

(Application Serial No. 11/671,960)
 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)

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.

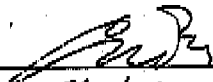


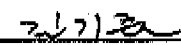
3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

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: 2007.6.25 Signature of Inventor [Signature]
 Date: 2007.6.25 Signature of Inventor [Signature]
 Date: 2007.7.2 Signature of Inventor [Signature]
 Date: 2007.7.2 Signature of Inventor [Signature]
 Date: 2007.6.27 Signature of Inventor [Signature]

Date: <u>2007.7.2</u>	Signature of Inventor <u></u>
Date: <u>2007.6.25</u>	Signature of Inventor <u></u>
Date: <u>2007.6.25</u>	Signature of Inventor <u></u>
Date: <u>2007.7.2</u>	Signature of Inventor <u></u>