



09-14-2004

FORM PTO-1596
1-31-92

RECORDAT



DEPARTMENT OF COMMERCE
Patent and Trademark Office

DOCKET NO.: P-0687

PA1

102835240

To the Honorable Commissioner of Patents and Trademarks: Please record the attached or iginal documents or copy thereto:

1. Name of conveying party(ies):
Dong Youn SEO; Bong-Hoe KIM; Dong Hee SHIM; Hyounhee KOO

9.9.04

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

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

Name: LG Electronics Inc.

Internal Address:

Street Address: 20, Yoido-dong, Youngdungpo-gu

City: Seoul

State/Country: Korea ZIP:

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: September 3, 2004

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

If the document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s). 10/845,530
Filed: May 14, 2004

B. Patent No(s)

Additional numbers attached? Yes No

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

Name: FLESHNER & KIM, LLP

Internal Address:

Street Address: P. O. Box 221200

City: Chantilly State: VA ZIP: 20153-1200

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41)..... \$ 40.00

- Enclosed (Check No. 12748)
- Authorized to be charged to deposit account (if necessary)

8. Deposit account number:

16-0607

DO NOT USE THIS SPACE

9. Statement and signature.

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

Daniel Y.J. Kim, Registration No. 36,186
Name and Registration No. of Person Signing

Signature

September 9, 2004
Date

Total number of pages including cover sheet: 2

CMB No. 0851-0011 (exp. 4/94)

09/13/2004 ECOOPER 0000096 10845530

01 FC:8021

40.00 OP

Docket No: P-0687

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) Dong-Youn SEO
- (2) Bong-Hoo KIM
- (3) Dong-Hee SHIM
- (4) Hyouhee KOO
- (5) _____
- (6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

LG Electronics Inc.
20, Yulsik-Dong, Yongsungpo-Gu,
Seoul, Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

METHOD AND APPARATUS FOR ALLOCATING CHANNELIZATION CODES FOR WIRELESS
COMMUNICATIONS

- (a) for which an application for United States Letters Patent was filed on May 14, 2004, and identified by United States Serial No. 10/845,530; or
- (b) for which an application for United States Letters Patent was executed on _____

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and /or that claim priority therein and any and all extensions, divisions, reissues, substitutions, renewals, continuations, or continuations-in-part thereof, and/or that claim priority therein, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further communication, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full prosecution and title in and to the invention hereby transferred.

SIGNED on the dates indicated beside our signatures:
INVENTORS

DATE SIGNED

- | | |
|---|-------------------|
| 1) <u>[Signature]</u>
Name: <u>Dong-Youn SEO</u> | <u>2004. 9. 3</u> |
| 2) <u>[Signature]</u>
Name: <u>Bong-Hoo KIM</u> | <u>2004. 9. 3</u> |
| 3) <u>[Signature]</u>
Name: <u>Dong-Hee SHIM</u> | <u>2004. 9. 3</u> |
| 4) <u>[Signature]</u>
Name: <u>Hyouhee KOO</u> | <u>2004. 9. 3</u> |
| 5) <u>[Signature]</u>
Name: _____ | _____ |