

Form PTO-1595
1-3-92

RECORDATION FORM COVER LETTER PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No.: 2080-3021C2C1C4

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

1. Name of conveying party(ies):
In Hwan CHOI, Kyung Won KANG, Young Mo GU and Kook Yeon KWAK

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: August 8, 2001

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) 11/560,813 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
801 S. Figueroa Street
12th Floor
Los Angeles, CA 90017
Phone: (213) 623-2221
Fax: (213) 623-2211

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

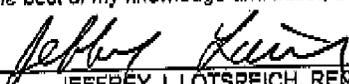
7. Total fee (37 CFR 3.41) \$40
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 502290
(Attach duplicate copy of this page if paying by deposit account)

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.


JEFFREY J. LOTSPEICH, REG. NO. 45,737 Date: March 12, 2007

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

CHI \$40.00 502290 11560813

PATENT

Attorney Docket No.

2080-3-2102

ASSIGNMENT*Insert Name(s) of Inventor(s)*In Hwan CHOI
Kyung Won KANGYoung Mo GU
Kook Yeon KWAK*Insert name of Assignee*

LG Electronics Inc.

Insert state of Incorporation of Assignee

Republic of Korea

*Insert address of Assignee*of
20, Yoldo-dong, Youngdungpo-gu, Seoul, Korea*Insert Identification of Invention, such as Title, Case Number or Foreign Application Number*

VSB RECEPTION SYSTEM WITH ENHANCED SIGNAL DETECTION FOR PROCESSING SUPPLEMENTAL DATA

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.

Insert Date of Signing of Application

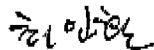
August 8, 2001

- 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 JONATHAN Y. KANG, REG. NO. 38,199; RICHARD K. YOON, REG. NO. 42,247; EDWARD GRAY, REG. NO. 35,166; DAVID N. MAKOUS, REG. NO. 29,559; JOHN S. CHRISTOPHER, REG. NO. 30,937

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: 2001.8.8

Signature of Inventor

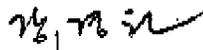


Date:

Signature of Inventor

Date: 2001.8.8

Signature of Inventor



Date: 2001.8.8

Signature of Inventor

**PATENT**

Attorney Docket No.

2080-3-2102

ASSIGNMENT*Insert Name(s) of Inventor(s)*In Hwan CHOI
Kyung Won KANGYoung Mo GU
Kook Yeon KWAK*Insert name of Assignee*

LG Electronics Inc.

Insert state of Incorporation of Assignee

Republic of Korea

Insert address of Assignee

of

20, Yoido-dong, Youngdungpo-gu, Seoul, Korea

(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

*Insert identification of invention, such as Title, Case Number or Foreign Application Number***VSB RECEPTION SYSTEM WITH ENHANCED SIGNAL DETECTION FOR PROCESSING SUPPLEMENTAL DATA**

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.

Insert Date of Signing of Application

August 8, 2001

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 JONATHAN Y. KANG, REG. NO. 38,199; RICHARD K. YOON, REG. NO. 42,247; EDWARD GRAY, REG. NO. 35,166; DAVID N. MAKOUS, REG. NO. 29,559; JOHN S. CHRISTOPHER, REG. NO. 30,937

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: Signature of Inventor

Date: August 8, 2001 Signature of Inventor *Y. M. Gu*

Date: Signature of Inventor

Date: Signature of Inventor

PATENT

THE LAW FIRM OF
LEE, HONG, DEGERMAN, KANG & SCHMADEKA
A PROFESSIONAL CORPORATION
801 SOUTH FIGUEROA STREET
14TH FLOOR
LOS ANGELES, CALIFORNIA 90017
TELEPHONE (213) 623-2221
FAX (213) 623-2211

TELEFAX COVER SHEET

March 12, 2007

Please deliver the following (4) page(s) (including this cover page) to:

Name: Assignment Recordation Services
Company: U.S. Patent and Trademark Office
Re: Assignment Submission for
Patent Application Serial No. **11/560,813**
Our File No.: 2080-3021C2C1C4

Telefax No.: 571-273-0140
Telephone No.:

Message: Please see the attached Recordation Form Cover Letter and the Assignment document(s). Thank you.

From: Jonathan Y. Kang, Esq.

Telephone No.: (213)623-2221
Telefax No.: (213)623-2211

CONFIDENTIALITY NOTE: The information contained in this FAX transmission is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential or exempt from disclosure under applicable Federal or State Law. If the reader of this transmission is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this transmission is strictly prohibited.
If you receive this transmission in error, please us immediately by telephone at (213) 623-2221. Thank you.

PATENT