### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the date of execution previously recorded on Reel 020731 Frame 0861. Assignor(s) hereby confirms the singatures on the Assignment are dated 12/18/2007 (December 18, 2007).

#### **CONVEYING PARTY DATA**

Name	Execution Date
Seung Hee HAN	12/18/2007
Min Seok NOH	12/18/2007
Yeong Hyeon KWON	12/18/2007
Hyun Woo LEE	12/18/2007
Dong Cheol KIM	12/18/2007
Jin Sam KWAK	12/18/2007

#### RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.	
Street Address:	20 Yoido-dong, Youngdungpo-gu	
City:	Seoul	
State/Country:	REPUBLIC OF KOREA	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11960556

### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2101-3421

#### NAME OF SUBMITTER: Sevan Savsa

#### Total Attachments: 3

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**REEL: 026089 FRAME: 0309** 

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# RECORDATION FORM COVER LETTER

### U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

**PATENTS ONLY** 

Attorney Docket No.: 2101-3421 To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof. Name of conveying party(ies): Name and address of receiving party(ies): Seung Hee HAN, Min Seok NOH, Yeong Hyeon KWON, Hyun Woo LEE, Dong Cheol KIM and Jin Sam KWAK LG ELECTRONICS INC. Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No 20, Yoido-dong, Youngdungpo-gu Seoul, Korea Nature of conveyance: Assignment ☐ Merger Change of Name Security Agreement Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? 

Yes 

No Execution Date: March 31, 2008 Application number(s) or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) 11/960,556 B. Patent No.(s) N/A Additional numbers attached? 

Yes ⊠ No Name and address of party to whom correspondence concerning Total number of applications and patents involved: [ 1 ] document should be mailed: Total fee (37 CFR 3.41) \$40 JONATHAN Y. KANG, ESQ. LEE, HONG, DEGERMAN, KANG & SCHMADEKA Enclosed At the address associated with Customer No. 35884 Authorized to be charged to deposit account Phone: (213) 623-2221 Fax: (213) 623-2211 Deposit account number: 502290 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE Statement and signature of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. Date: March 31, 2008 AIG W. SCHMOYER, REG. NO. 51,007 OMB No. 0651-0011 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 REEL: 026089 FRAME: 0310**

## Attorney Docket No. 2101-3421

### **ASSIGNMENT**

- (1-8) Insert Name(s) of Inventor(s)
- (1) Seung Hee HAN
- (5) Dong Cheol KIM

(2) Min Seok NOH

- (6) Jin Sam KWAK
- (3) Yeong Hyeon KWON
- (7)

- (4) Hyun Woo LEE
- (8)

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) SEQUENCE GENERATING METHOD FOR EFFICIENT DETECTION AND METHOD FOR TRANSMITTING AND RECEIVING SIGNALS USING THE SAME

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

PATENT REEL: 026089 FRAME: 0311

Date: IPM DEC. 2007 Signature of Inventor Www. Date: If the Pet HUM Signature of Inventor Date: Sel. De 2007 Signature of Inventor Years Hyer-Date: 18th Rec. 2007 Signature of Inventor Date: Ath for, 2000) Signature of Inventor Date: 18th Dec. 2007 Signature of Inventor Date: Signature of Inventor Date: Signature of Inventor Date: Signature of Inventor Date: Signature of Inventor

**RECORDED: 04/07/2011** 

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