

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Seung Hee Han</td> <td>12/18/2007</td> </tr> <tr> <td>Min Seok Noh</td> <td>12/18/2007</td> </tr> <tr> <td>Yeong Hyeon Kwon</td> <td>12/18/2007</td> </tr> <tr> <td>Hyun Woo Lee</td> <td>12/18/2007</td> </tr> <tr> <td>Dong Cheol Kim</td> <td>12/18/2007</td> </tr> <tr> <td>Jin Sam Kwak</td> <td>12/18/2007</td> </tr> </tbody> </table>		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
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RECEIVING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>LG Electronics Inc.</td> </tr> <tr> <td>Street Address:</td> <td>20, Yoido-dong, Youngdungpo-gu</td> </tr> <tr> <td>City:</td> <td>Seoul</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> </table>		Name:	LG Electronics Inc.	Street Address:	20, Yoido-dong, Youngdungpo-gu	City:	Seoul	State/Country:	REPUBLIC OF KOREA						
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CORRESPONDENCE DATA															
<p>Fax Number: (213)623-2211 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 213-623-2221 Email: patent@lhlaw.com</p> <p>Correspondent Name: LEE, HONG, DEGERMAN, KANG & WAIMEY Address Line 1: 660 S. FIGUEROA STREET Address Line 2: Suite 2300 Address Line 4: LOS ANGELES, CALIFORNIA 90017</p>															
ATTORNEY DOCKET NUMBER:	2101-3421C1														
NAME OF SUBMITTER:	Sevan Savsa														

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PATENT
 REEL: 023144 FRAME: 0829

Total Attachments: 3

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RECORDATION FORM COVER LETTER
PATENTS ONLY

Docket No.: 2101-3421C1

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

1. Name of conveying party Seung Hee Han, Min Seok Noh,
Yeong Hyeon Kwon, Hyun Woo Lee, Dong Cheol Kim,
and Jin Sam 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: December 18, 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) 12/547,437

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)

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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.

Date: August 25, 2009

/Sevan Savsa/

Sevan Savsa, Reg. No. 61,718

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

ASSIGNMENT

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

(1) Seung Hee HAN
(2) Min Seok NOH
(3) Yeong Hyeon KWON
(4) Hyun Woo LEE

(5) Dong Cheol KIM
(6) Jin Sam KWAK
(7)
(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)

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.

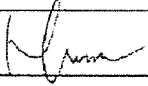
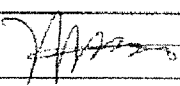
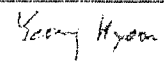
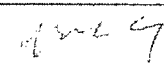

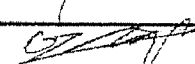
3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

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.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 1 	SIGNATURE OF INVENTOR 2 
DATE 18th Dec 2007	DATE 18th Dec 2007
SIGNATURE OF INVENTOR 3 	SIGNATURE OF INVENTOR 4 
DATE 18th Dec. 2007	DATE 18th Dec. 2007
SIGNATURE OF INVENTOR 5 	SIGNATURE OF INVENTOR 6 
DATE 18th Dec 2007	DATE 18th Dec. 2007
SIGNATURE OF INVENTOR 7	SIGNATURE OF INVENTOR 8
DATE	DATE
SIGNATURE OF INVENTOR 9	SIGNATURE OF INVENTOR 10
DATE	DATE