

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Li-Hsiang Sun</td> <td>11/02/2006</td> </tr> <tr> <td>Young C. Yoon</td> <td>11/02/2006</td> </tr> <tr> <td>Suk Woo Lee</td> <td>11/02/2006</td> </tr> </tbody> </table>		Name	Execution Date	Li-Hsiang Sun	11/02/2006	Young C. Yoon	11/02/2006	Suk Woo Lee	11/02/2006
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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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PROPERTY NUMBERS Total: 1									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12692569</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12692569				
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CORRESPONDENCE DATA									
<p>Fax Number: (213)623-2211</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 213-623-2221</p> <p>Email: patent@lhlaw.com</p> <p>Correspondent Name: LEE, HONG, DEGERMAN, KANG & WAIMEY</p> <p>Address Line 1: 660 S. FIGUEROA STREET</p> <p>Address Line 2: Suite 2300</p> <p>Address Line 4: LOS ANGELES, CALIFORNIA 90017</p>									
ATTORNEY DOCKET NUMBER:	2101-3222C1								
NAME OF SUBMITTER:	Sevan Savsa								
<p>Total Attachments: 2</p> <p>source=Assignment-2101-3222-C1#page1.tif</p> <p>source=Assignment-2101-3222-C1#page2.tif</p>									

CH \$40.00 12692569

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PATENT
REEL: 023851 FRAME: 0211

RECORDATION FORM COVER LETTER
PATENTS ONLY

Docket No.: 2101-3222C1

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

1. Name of conveying party Li-Hsiang Sun, Young C. Yoon,
Suk Woo Lee

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: November 2, 2006

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) 12/692,569

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: January 26, 2010

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) Li-Hsiang Sun	(5)
(2) Young C. Yoon	(6)
(3) Suk Woo Lee	(7)
(4)	(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) METHOD AND APPARATUS FOR OVERHEAD REDUCTION OF SIGNALING MESSAGES
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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) November 2, 2006
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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.

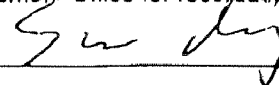
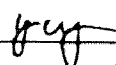

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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 **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: <u>11/02/06</u>	Signature of Inventor <u></u>
Date: <u>11/02/06</u>	Signature of Inventor <u></u>
Date: <u>11/02/06</u>	Signature of Inventor <u></u>
Date: _____	Signature of Inventor _____

PATENT

RECORDED: 01/26/2010

REEL: 023851 FRAME: 0213