### 502345655 05/13/2013

### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
LG ELECTRONICS INC	05/10/2013

### **RECEIVING PARTY DATA**

Name:	INDUSTRY-ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY	
Street Address:	Yonsei University, 134, Sinchon-dong	
Internal Address:	Seodamoon-gu	
City:	Seoul	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	120-749	

### PROPERTY NUMBERS Total: 5

Property Type	Number
Application Number:	13387248
Application Number:	13391992
Application Number:	13508623
Application Number:	13322885
Application Number:	13142258

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 966061,062,063,064,065

**PATENT** 

REEL: 030406 FRAME: 0001

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NAME OF SUBMITTER:	Mavis S. Gallenson
Signature:	/Mavis S. Gallenson 32464/
Date:	05/13/2013
Total Attachments: 5 source=966061_062_063_064_065_Assignment#page1.tif source=966061_062_063_064_065_Assignment#page2.tif source=966061_062_063_064_065_Assignment#page3.tif source=966061_062_063_064_065_Assignment#page4.tif source=966061_062_063_064_065_Assignment#page5.tif	

PATENT REEL: 030406 FRAME: 0002

RECORDATION FORM COVER SHEET  PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
LG Electronics Inc.	Name: Industry-Academic Cooperation Foundation, Yonsel University	
	Internal Address:	
Additional name(s) of conveying party(les) attached? Yes No  3. Nature of conveyance/Execution Date(s):  Execution Date(s)  Assignment Merger  Security Agreement Change of Name  Joint Research Agreement  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other  4. Application or patent number(s):  A. Patent Application No.(s)  13/142,258; 13/391,992; 13/387,248; 13/508,623;  13/322,885	Street Address: YONSEI UNIVERSITY, 134  SINCHON-DONG, SEODAEMUN-GU  City: SEOUL  State:  Country: Republic of Korea Zip: 120-749  Additional name(s) & address(es) attached? Yes No document serves as an Oath/Declaration (37 CFR 1.63).  B. Patent No.(s)	
Additional numbers attached? Yes No		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:_5	
Name: Ladas & Parry, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$	
Internal Address:		
TOTO WILL DIVISION OF CACO	Authorized to be charged to deposit account	
Street Address: 5670 Wilshire Blvd., Suite 2100	Enclosed  None required (government interest not affecting title)	
L. Annulso	8. Payment Information	
City: Los Angeles	o. r ayment imormation	
State: CA Zip: 90036		
Phone Number: 323-934-2300	Deposit Account Number	
Docket Number: Email_Address:_la_mail@ladas.com	Authorized User Name	
	0 11.4 200	
9. Signature: Jalman Signature	O May 2013 Date	
Park, Tae Sun Name of Person Signing Documents to be recorded (Including cover sheet	Total number of pages including cover sheet, attachments, and documents:  t) should be faxed to (571) 273-0140, or mailed to: If the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450	

## ASSIGNMENT OF PATENT RIGHTS

WHEREAS, LG ELECTRONICS INC, having a place of business at Yeouidodong, Yeongdeungpo-gu, Seoul, Korea (hereinafter "ASSIGNOR"), has an interest in the patents and/or patent applications listed on Exhibit A annexed to and made part hereof (the "Patents").

WHEREAS, INDUSTRY-ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY, having a place of business at Yonsei University, 134, Sinchon-dong Seodamoon-gu, Seoul 120-749, Korea (hereinafter "Assignee") is acquiring ASSIGNOR's entire right, title and interest in, to, and under said Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR does hereby sell, assign, transfer, and set over to Assignee, ASSIGNOR's entire right, title, and interest in the Patents and any inventions claimed in said Patents, any continuations, continuations-inpart, divisions, extensions, amendments, conversions, renewals, restorations, or any reissue or reissues of said Patents already granted and which may be granted, any certificates of reexamination already granted and which may be granted, all rights to claim priority from the Patents and file patent applications with respect to the inventions disclosed by the Patents, and foreign counterparts to any of the foregoing, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Patents are or may be granted, reissued, or extended as fully and entirely as the same would have been held and enjoyed by ASSIGNOR, if this assignment and sale had not been made; together with all claims for injunctive relief and damages by reason of past infringement of said Patents, with the right to sue for, and collect the same for its own use and behalf, and for the use and behalf of its successors, assigns, or other legal representatives.

And, ASSIGNOR hereby authorizes and requests that the government offices in each jurisdiction having authority over the Patents (including the Commissioner of Patents and Trademarks) to issue any and all Letters Patents on said inventions to Assignee, as the assignee to the entire interest therein.

IN WITNESS WHEREOF, the parties, by their duly authorized representatives, have executed this Assignment.

LG ELECTRONICS INC	INDUSTRY-ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY
By: Jones (h Name: Joanfie) ON	By: Name:
Title: Managey	Title:
Date: May 10, 2013	Date:

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## EXHIBIT A

## Assignment of Patent Rights

- 1. U.S. Pat. App. 13/387,248;
- 2. U.S. Pat. App. 13/391,992;
- 3. U.S. Pat. App. 13/508,623;
- 4. U.S. Pat. App 13/322,885;
- 5. U.S. Pat. App. 13/142,258 and
- 6. U.S. Pat. App. 13/702,955.

DC:51002977.1

PATENT REEL: 030406 FRAME: 0005

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WHEREAS, LG ELECTRONICS INC, having a place of business at Yeouidodong, Yeongdeungpo-gu, Seoul, Korea (hereinafter "ASSIGNOR"), has an interest in the patents and/or patent applications listed on **Exhibit A** annexed to and made part hereof (the "Patents").

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And, ASSIGNOR hereby authorizes and requests that the government offices in each jurisdiction having authority over the Patents (including the Commissioner of Patents and Trademarks) to issue any and all Letters Patents on said inventions to Assignee, as the assignee to the entire interest therein.

IN WITNESS WHEREOF, the parties, by their duly authorized representatives, have executed this Assignment.

LG ELECTRONICS INC	INDUSTRY-ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY
By: Name:	By: Name: Jalan Party Tae Sun
Title:	Title: <u>President</u>
Date:	Date: 9 May 2013

DC:51002977.1

## **EXHIBIT A**

# to Assignment of Patent Rights

- 1. U.S. Pat. App. 13/387,248;
- 2. U.S. Pat. App. 13/391,992;
- 3. U.S. Pat. App. 13/508,623;
- 4. U.S. Pat. App 13/322,885;
- 5. U.S. Pat. App. 13/142,258 and
- 6. U.S. Pat. App. 13/702,955.

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PATENT REEL: 030406 FRAME: 0007