502035176 08/23/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Chang-II Kim	08/22/2012
Byung-In Park	08/07/2012

RECEIVING PARTY DATA

Name:	LG DISPLAY CO., LTD
Street Address:	128, Yeoui-daero, Yeongdeungpo-gu
City:	Seoul
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13339075

CORRESPONDENCE DATA

Fax Number: 3123214299 Phone: 3123214200

Email: usassignments@brinkshofer.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Gustavo Siller, Jr.

Address Line 1: Brinks, Hofer, Gilson & Lione

Address Line 2: P.O. BOX 10395

Address Line 4: Chicago, ILLINOIS 60610

ATTORNEY DOCKET NUMBER:	10125-4420

NAME OF SUBMITTER: Gustavo Siller, Jr.

Total Attachments: 4

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> PATENT REEL: 028837 FRAME: 0290

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RECORDATION FORM COVER SHEET PATENTS ONLY To the Director of the U.S. Patent and Trademant Office: Please record the attached documents or the new address(es) below. 1. Name of conveying Party(les)/Execution Date: Chang-II KIM / August 22, 2012 Byung-In PARK / August 27, 2012 Additional name(s) of conveying party(les) attached? Yes No	Client/Matter No. 10125-4420				
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(es)/Execution Date: Chang-II KIM / August 22, 2012 Byung-In PARK / August 7, 2012 Street Address: LG DISPLAY CO., LTD.					
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(les)/Execution Date: Chang-II KIM / August 22, 2012 Byung-In PARK / August 7, 2012 Additional name(s) of conveying party(les) attached? Yes ☑ No 3. Nature of Conveyance: Execution Date(s): August 22 and 12, 2012 ☑ Assignment ☐ Change of Name ☐ Executive Order 9424, Confirmatory License ☐ Government Interest Assignment ☐ Other ☐ Joint Research Agreement ☐ Government Interest Assignment ☐ Other ☐ Hair Application No.(s) 5. Name and address of party to whom correspondence concerning document should be mailed: BRINKS HOFER GILSON & LIONE P.O. BOX 10395 CHICAGO, IL 60610 (312) 321-4299 Fax Authorized to be charged by credit card ☐ Authorized to be charged by credit card ☐ Authorized User Number 23-1925 Authorized User Name: Binks Hofer Gilson & Lione //Gustavo Siller, Jr./ Signature ☐ Date Total no. of pages including coversheet, attachments and documents: 4 Total no. of pages including coversheet, attachments and documents: 4					
1. Name of conveying Party(les): Execution Date: Chang-I KIM / August 22, 2012 Byung-In PARK / August 7, 2012 Additional name(s) of conveying party(les) attached? Yes ☒ No City: Seoul Country: Republic of Korea Additional name(s) and addresses attached? ☐ Yes ☒ No 3. Nature of Conveyance: Execution Date(s): August 22 and 12, 2012 ☒ Assignment ☐ Change of Name ☐ Executive Order 9424, Confirmatory License ☐ Security Agreement ☐ Merger ☐ Joint Research Agreement ☐ Government Interest Assignment ☐ Other 4. Application or patent number(s). A Patent Application No.(s) 13/339,075 Additional numbers attached? ☐ Yes ☒ No Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom correspondence concerning document should be mailed: BRINKS HOFER GILSON & LIONE P.O. BOX 10395 CHICAGO, It. 60610 (312) 321-4299 Fax Additional numbers attached? ☐ Total numbers do paped to Deposit Acct. No. 23-1925 None required (government interest not affecting title) 8. Payment Information: a. ☐ Credit Card: Last 4 Numbers Expiration Date (Gustavo Siller, Jr./ Signature Date Total no. of pages including coversheet, attachments and documents: 4	- 17 (A) - 1		ments or the new address(es) below:		
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Additional name(s) of conveying party(ies) attached? Yes No City: Seoul Country: Republic of Korea Additional name(s) and addresses attached? No 3. Nature of Conveyance: Execution Date(s): August 22 and 12, 2012 Assignment	. Dyung-in i Aitti August 1, 2012				
City: Seoul Country: Republic of Korea Additional name(s) and addresses attached? Yes		Street Address:	gu, Seoul, 150-721, Republic of		
3. Nature of Conveyance: Execution Date(s): August 22 and 12, 2012 Assignment	☐ Yes ☒ No	City:	Seoul		
3. Nature of Conveyance: Execution Date(s): August 22 and 12, 2012 Assignment		Country:	Republic of Korea		
Execution Date(s): August 22 and 12, 2012 Assignment		Additional name(s) and	addresses attached? ☐ Yes ☒ No		
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dence concerning document should be mailed: BRINKS HOFER GILSON & LIONE P.O. BOX 10395 CHICAGO, IL 60610 (312) 321-4200 (312) 321-4299 Fax 7. Total Fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to Deposit Acct. No. 23-1925 None required (government interest not affecting title) 8. Payment Information: a. □ Credit Card: Last 4 Numbers Expiration Date b. ☑ Charge fee and/or any Deficiencies to Deposit Account Number 23-1925 Authorized User Name: Brinks Hofer Gilson & Lione /Gustavo Siller, Jr./ Signature Date Total no. of pages including coversheet, attachments and documents: 4			olications and patents involved: 1		
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Signature Date Total no. of pages including coversheet, attachments and documents: 4	/Gustavo Siller, Jr./	August 23. 2012			
	·	Date Total no. of pages including coversheet, attachments and			
		documents: 4			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, PO Box 1450, Alexandria, VA 22313-1450

PATENT REEL: 028837 FRAME: 0291

ASSIGNMENT

WHEREAS, Chang-II KIM and Byung-In PARK, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled FLAT PANEL TYPE IMAGE DISPLAY DEVICE AND METHOD FOR MANUFACTURING THE SAME, executed by Assignors on the same date as this Assignment;

WHEREAS, LG DISPLAY CO., LTD. a corporation organized and existing under the laws of Korea, having a place of business at 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 150-721 Republic of Korea, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

> PATENT REEL: 028837 FRAME: 0292

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

	IN 1ESTIMONY WHEREOF, the Assignors have executed		
DATE:	52. Aug. 2012	Chang-II Kim	
DATE:			
		Byung-In PARK	

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assigners will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

DATE:

| Testimony whereof, the Assignors have executed this agreement.
| Chang-II KIM | Poy & Byung-In PARK