12-29-2008

U.S. PTO 12/314807 12/17/2008

U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

103541390 LECORDATION FORM COVER SHEET **PATENTS ONLY** 12-17-08 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Jin Sung Kim (12/12/2008), Dong Hoon Cha LG Display Co., Ltd. (12/12/2008), Ha Young Ji (12/12/2008), and Min Internal Address: Ki Kim (12/12/2008) Additional name(s) of conveying party(ies) attached? Street Address: 3. Nature of conveyance/Execution Date(s): 20, Yoido-dong, Youngdungpo-gu, Execution Date(s): in parentheses after inventor name Change of Name x Assignment Merger Joint Research Agreement Security Agreement City: Government Interest Assignment State: Executive Order 9424, Confirmatory License Country: Republic of Korea Additional name(s) & address(es) Yes x No Other attached? x This document is being filed together with a new application. 4. Application or patent number(s): B. Patent No.(s) A. Patent Application No.(s) This application Additional numbers attached? 6. Total number of applications and 5. Name and address to whom correspondence 1 concerning document should be mailed: patents involved: Name: Robert J. Gaybrick 40.00 MORGAN LEWIS & BOCKIUS LLP 7. Total fee (37 CFR 1.21(h) & 3.41) Internal Address: Atty. Okt.: 041501-5759US Street Address: 1111 Pennsylvania Ave NW . Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) City: Washington 8. Payment Information 20004 Zip: State: (202) 739-3000 Phone Number: (202) 739-3001 50-0310 Deposit Account Number Fax Number: Authorized User Name Robert J. Goodell patents@morganlewis.com Email Address: 9. Signature: December 17, 2008

Signature

Robert J. Goodell - 41,040

Name of Person Signing

12/24/2008 DBYRNE 00000017 500310 12314807

Total number of pages including cover sheet, attachments, and documents:

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49.00 DA

Date

DB1/62413788.1

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

LIQUID CRYSTAL DISPLAY DEVIC	E AND METHOD FOR DRIVING T	HE SAME	
for which I/WE executed an application for Uni application for United States Letters Patent on _	ted States Letters Patent concurrently he	rewith; or filed an	
WHEREAS, LG Display Co., Ltd., a co address is 20, Yoido-dong, Youngdungpo-gu, S desirous of securing the entire right, title, and in States Letters Patent on this invention and the L	terest in and to this invention, the applic	ssignee), is ation for United	
NOW THEREFORE, be it known that, from assignee is hereby acknowledged, I/WE, a and do hereby sell, assign, transfer, and set over MY/OUR entire right, title, and interest in and t continuations thereof, and all Letters Patent of t reissues thereof; and I/WE hereby authorize and the United States to issue all Letters Patent for t accordance with the terms of this Assignment;	unto the assignee, its lawful successors of this invention and this application, and the United States which may be granted the commissioner of Patents and	erred, and set over, and assigns, all divisions, and hereon, and all d Trademarks of	
communicate with assignee, its successors and a invention and testify in any legal proceeding, signed and deliver all papers that may be necessary or assignee, its successors and assigns, execute all all rightful oaths and generally do everything pound enforce proper patent protection for this invexpense incident to the execution of such paper	gn all lawful papers when called upon to desirable to perfect the title to this inventional, continuation, and reissue appossible to aid assignee, its successors and rention in the United States, it being under shall be borne by the assignee, its successors	ecting this do so, execute tion in said dications, make assigns, to obtain erstood that any essors and assigns.	
AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No, filed			
and Power of Attorney in this application, to ins $170EC200$ the filing date and application			
IN TESTIMONY WHEREOF, I/WE ha			
Full Name of First Assignor	Assignor's Signature	Date	
Jin Sung KIM Address 120-203 Prugio Castle Apt., Songjeong-do	Jin Sung Kim ong, Gumi-si, Gyeongsangbuk-do, Korea	'Of. Dec. 1≥ Citizenship Republic of Korea	
Full Name of Second Assignor	Assignor's Signature	Date (2	
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Names of additional inventors attached Yes	☐ No		

PATENT REEL: 022053 FRAME: 0439

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Names of additional inventors attached Yes	⊠ No	

DB1/62365990.1

RECORDED: 12/17/2008

PATENT

REEL: 022053 FRAME: 0440