12/003616 12/28/2007 01-10-2008 Form PTO-1595 (Rev. 08/05) J.S. DEPARTMENT OF COMMERCE OMB No. 0651-0027 (exp. 6/30/2008) d States Patent and Trademark Office REC 103474400 . To the Director of the U.S. Patent and Trade _____ or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Yong Ho Jang LG.Philips LCD Co., Ltd. Internal Address: x No Additional name(s) of conveying party(ies) attached? Street Address: 3. Nature of conveyance/Execution Date(s): 20, Yoido-Dong, Yongdungpo-Gu Execution Date(s): December 24, 2007 x Assignment Merger Change of Name Security Agreement Joint Research Agreement City: Government Interest Assignment State: Executive Order 9424, Confirmatory License Country: Republic of Korea Additional name(s) & address(es) Other attached? 4. Application or patent number(s): x This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 12/003616 Additional numbers attached? 5. Name and address to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Robert J. Gaybrick 40.00 7. Total fee (37 CFR 1.21(h) & 3.41) \$ MORGAN LEWIS & BOCKIUS LLP Authorized to be charged by credit card Internal Address: Atty. Dkt.: 041501-5729US Street Address: 1111 Pennsylvania Ave NW Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information Washington City: Last 4 Numbers 20004 a. Credit Card Zip: State: **Expiration Date** (202) 739-3000 Phone Number: 50-0310 b. Deposit Account Number (202) 739-3001 Fax Number: Robert J. Goodell Authorized User Name patents@morganlewis.com Email Address: 9. Signature: December 28, 2007 Date Signature Total number of pages including cover sheet, attachments, and documents: Robert J. Goodell - 41,040 Name of Person Signing

U.S. PTO

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ATTORNEY DOCKET NO.: 041501-5729 SQLF/JOINT INVENTION

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ASSIGNMENT

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

ACTIVE MATRIX TYPE DISPLAY DEVICE

for which I/WI	E executed an a	application for	United States	Letters Paten	t concurrently	herewith; or	filed an
application for	United States	Letters Patent	on, (App	lication No); and		

WHEREAS, LG.Philips I.CD Co., Ltd., a corporation of Korea, whose post office address is 20, Yoido-dong, Youngdungpo-gu, Seoul, Korea, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be home by the assignee, its successors 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 12 25 2007) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I'WE have hereunto set our hand(s). Assignor's Signature Full Name of Sole or First Assignor 24 Dec. 2001 Yong He Jang Yong Ho JANG Address: 414-806, Saetbycol macul sambu Apt., Bundang-dong, Bundang-gu, Seongnam-si, Citizenship Republic of Korea Gyconggi-do Korea Date Assignor's Signature Full Name of Second Assignor Citizenship Address Names of additional inventors attached Yes ⊠ No

1-WA/2869638.J

PATENT REEL: 020351 FRAME: 0409

RECORDED: 12/28/2007