8733.826.00

04-23-2003

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and T.

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al documents or copy thereof.

2. Name and address of receiving party(ies): 1. Name of conveying party(ies): LG.Philips LCD Co., Ltd. Name: **Byoung-Ho LIM** 4.14.03 20, Yoido-dong, Youngdungpo-ku Address: Seoul, KOREA Additional name(s) of conveying party(ies) attached? □Yes ☑No 3. Nature of Conveyance: ☑ Assignment □ Merger ☐ Change of Name ☐ Security Agreement □ Other Additional name(s) and address(es) attached? \Box Yes \Box No Execution Date: April 14, 2003 4. Application number(s) or patent number(s): 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: April 14, 2003 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? □Yes ☑No 6. Total applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Song K. Jung McKENNA LONG & ALDRIDGE LLP 1900 K Street, N.W. Washington, D.C. 20006 ■ Enclosed ☐ Authorized to be charged to deposit account 50-0911 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. April 14, 2003 Rebecca Goldman Rudich Date Name of Person Signing 41,786 Registration Number: Total number of pages including this cover sheet: 3 Do not detach this portion Mail documents to be recorded with required cover sheet information to: **Commissioner of Patents and Trademarks**

Box Assignments Washington, D.C. 20231

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PATENT REEL: 013970 FRAME: 0917 FROM: P

FAX NO.1 4669

96-05-07 11130P P.02

Docket No.: 8733,826.00

Assignment of Application

WHEREAS,	I (WE) Byoung-Ho LIM				
		·			
					, respectively,
have invented certain new and useful improvements in:					
	OF MANUFACTURING AI CRYSTAL DISPI	LAY DE	VICE	E FOI	RLIQUID
for which an appli	cation for Letters Patent was	executed	on		
(Application No.		, Filed), and
WHEREAS,	LG.Philips LCD Co., Ltd.	d			
(hereinafter referm 20 Yoido-dong, Y	ed to as "ASSIGNEE") having oungdungpo-ku, Seoul, KORI	g a place EA	of busines	s at:	

la desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renowal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and

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enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, 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.

14. April 2003 (Signature of Inventor) Byoung-Ho LIM (Signature of inventor) (Signature of Inventor) (Signature of Inventor) (Signature of Inventor)

> McKenna Long & Aldridge LLP Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

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