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FORM PTO-1595

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8733.642.00

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07-02-2002





IRCE Office

To the Honorable Commissioner of Patents and Trademarks. Please record the 102143452 1. Name of conveying party(ies): 2. Name and LG.Philips LCD Co., Ltd. Name: Sunghoe YOON Address: 20, Yoido-dong, Youngdungpo-ku Seoul, KOREA Additional name(s) of conveying party(ies) attached? □Yes ☑No 3. Nature of Conveyance: ☑ Assignment □ Merger ☐ Change of Name ☐ Security Agreement □ Other Execution Date: June 5, 2002 Additional name(s) and address(es) attached? □Yes ☑No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the f the application is: B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? □Yes ☑No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 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.

Rebecca Goldman Rudich

Name of Person Signing

June 20, 2002

Date

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PATENT REEL: 13034 FRAME: 0629

Docket No.: 8733.642.00

Assignment of Application

WHEREAS,	I (WE)	Sunghoe YOON					
					, respectively,		
have invented certa							
LIQUID CRYSTAL DISPLAY DEVICE USING CHOLESTERIC LIQUID CRYSTAL AND A MANUFACTURING METHOD THEREOF							
for which an application for Letters Patent was executed on							
			T				
(Application No.			, Filed), and		
WHEREAS,	LG. Ph	ilips LCD Co., Ltd.	•				
(hereinafter referred to as "ASSIGNEE") having a place of business at: 20 Yoido-dong, Youngdungpo-ku, Seoul, KOREA							

is 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 valuable consideration, I (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, reissues, continuations, 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, renewal 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

Page 1 of 2

PATENT REEL: 13034 FRAME: 0630 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 Long Aldridge & Norman LLP, Attorneys at Law, 6th Floor, 701 Pennsylvania Avenue, N.W., Washington, D.C. 20004 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.

Date: Jume 05,	(Signatu	te of Inventor) thoe YOON	
Date:	(Signatu	are of Inventor)	
Date:	(Signatu	are of Inventor)	
Date:	(Signatu	are of Inventor)	
Date:	(Signatu	are of Inventor)	

Long Aldridge & Norman LLP

Attorneys At Law 6th Floor, 701 Pennsylvania Avenue, N.W. Washington, D.C. 20004

Page 2 of 2

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PATENT REEL: 13034 FRAME: 0631