FORM PTO-1595 1-31-92 J. 24-01

02-06-2001



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please	06563 se record the attached original documents or copy thereof.				
1. Name of conveying party(ies):	Name and address of receiving party(ies):				
Su-Seok CHOI and Yong-Bum KIM	Name: LG.Philips LCD Co., Ltd.				
( Tan E	Address: 20, Yoido-dong, Youngdungpo-ku				
Additional name(s) of conveying party(ies) attracted? □Yest No	Seoul, KOREA				
3. Nature of Conveyance:					
<ul> <li>☑ Assignment</li> <li>☐ Security Agreement</li> <li>☐ Change of Name</li> <li>☐ Other</li> </ul>					
Execution Date: 12/08 & 11/2000	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	execution date of the application is:				
A. Patent Application No.(s) 09/703,626	B. Patent No.(s)				
Additional numbers atta	l ched? □Yes ⊠No				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1				
LONG ALDRIDGE & NORMAN LLP 701 Pennsylvania Avenue, N.W.	7. Total fee (37 CFR 3.41): \$40.00 €  ■ Enclosed  □ Authorized to be charged to deposit account				
6 <sup>th</sup> Floor Washington, D.C. 20004	8. Deposit account number: 50-0911 (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.					
John M. Kelly John M.	January 24, 2001 Date				
Idanic of Ferson Signing	Signature Date				
Registration Number: 33,920	cover sheet: 3				
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					
5/2001 GTON11 00000198 09703626 Box Assignments Washington, D.C. 20231					
C:581 40.00 OP Washington, 1	<b>J.</b> C., 20231				

**PATENT REEL: 011482 FRAME: 0089**  Docket No.: 8733.322.00

## Assignment of Application

WHEREAS, I(WE)	CHOI, Su-Se	ok and	KIN	1, Yong-Bum	
				,	respectively,
have invented certa	in new and usef	ul improv	emen	ts in:	
APPARATUS A	ND METHOD	FOR IN	JECT	ING LIQUID CRYS	STAL MATERIAL
for which an application	ation for Letters	Patent w	as exe	ecuted on	
(Application No.	09/703,626	, ]	Filed	November 2, 2000	), and
WHEREAS, LO	G.Philips LCD C	Co., Ltd.			
(hereinafter referred	l to as "ASSIGN	NEE") hav	ving a	place of business at:	
	20, Yoido-don	ng, Young	gdungj	oo-gu, Seoul, Republi	c of 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.

PATENT REEL: 011482 FRAME: 0090 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 behoof 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 know 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 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, 6<sup>th</sup> 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:	2010. 12.08	CHOI Su-Seok (Signature of Inventor) CHOI, Su-Seok
Date:	2000, 12.11	(Signature of Inventor) KIM, Yong-Bum
Date:		(Signature of Inventor)

Long Aldridge & Norman LLP

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

PATENT
RECORDED: 01/24/2001 REEL: 011482 FRAME: 0091