

U.S. DEPARTMENT OF COMMERCE

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:  1. Name of conveying party(ies):  1. Hual-An LI	DOCKET NO. 4006-293 1027661		ratent and Haten	lark Office		
Name: CHUNGHWA PICTURE TUBES, LTD.    Name: CHUNGHWA PICTURE TUBES, LTD.   Street Address: No. 22, Sec. 3, Chung Shan N. Rd. City: Taiped State: Taiwan Country: Republic of China	To the Honorable Commissioner of Patents and Trademarks:	Please record the att	ached original documents or copy thereto:			
2. Ming-Feng TSA1 3. Yu-Cheng LO  Street Address: No. 22, Sec. 3, Chung Shan N. Rd. City: Taipei State: Taiwan Country: Republic of China  3. Nature of conveyance:	1. Name of conveying party(ies):	2. Name and address of receiving party(ies):				
Execution Date: June 1, 2004  Additional name(s) & address(es) attached? □ Yes ☒ No  Application number(s) or patent number(s):  If the document is being filed together with a new application, the execution date of the application is: June 1, 2004  A. Patent Application No(s).  B. Patent No(s).  Additional numbers attached? □ Yes ☒ No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name:  LOWE HAUPTMAN GILMAN & BERNER  Internal Address:  Street Address: 1700 Diagonal Road, Suite 300  City: Alexandria State: VA Zip: 22314  DO NOT USP THE SPACE  9. Signature.  Benjamin J. Hauptman, 29,310 Name of Person, Registration No.  Total number of pages including cover sheet, attachment, and document:  3	· ·	ļ		_		
Ball Assignment	3. Yu-Cheng LO	City:	-	U.S		
Execution Date: June 1, 2004  Additional name(s) & address(es) attached? □ Yes ☒ No  Application number(s) or patent number(s):  If the document is being filed together with a new application, the execution date of the application is: June 1, 2004  A. Patent Application No(s).  B. Patent No(s).  Additional numbers attached? □ Yes ☒ No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name:  LOWE HAUPTMAN GILMAN & BERNER  Internal Address:  Street Address: 1700 Diagonal Road, Suite 300  City: Alexandria State: VA Zip: 22314  DO NOT USP THE SPACE  9. Signature.  Benjamin J. Hauptman, 29,310 Name of Person, Registration No.  Total number of pages including cover sheet, attachment, and document:  3		[		37/86		
Security Agreement ☐ Change of Name ☐ Other    Additional name(s) & address(es) attached? ☐ Yes ☑ No   Application number(s) or patent number(s):   If the document is being filed together with a new application, the execution date of the application is: June 1, 2004   A. Patent Application No(s).	3. Nature of conveyance:	Country:	Republic of China	1958 10		
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City: Alexandria State: VA Zip: 22314  Benjamin J. Hauptman, 29,310 Name of Person, Registration No.  Total fee (37 CFR 3.41) \$ 40.00  Enclosed Authorized to be charged to deposit account Credit/Card payment form enclosed  8. Deposit account number: 07-1337  Benjamin J. Hauptman, 29,310 Name of Person, Registration No.  Total number of pages including cover sheet, attachment, and document:  3	Additional numbers attached?  Ves  No					
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	Name of Person, Registration No.	Signature	Date			
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СМВ No. 0851-0011 (exp. 4/94)	CMB No. 0851-0011 (exp. 4/94)					

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**PATENT** 

REEL: 015446 FRAME: 0332

## **ASSIGNMENT**

This assignment agreement is applicable to an invention entitled (Invention Title)				
COLOR FILTER OF LIQUID CRYSTAL DISPLAY PANEL AND METHOD OF				
FABRICATING THE SAME				
The PATENT RIGHTS referred to in this agreement are:				
(check one) a patent application for this invention, executed by the ASSIGNOR(S)				
concurrently with this assignment.				
U.S. patent application Serial No,filed				
a U.S. patent application based on PCT International Application				
Nofiled on (date)(U.S. patent application				
Serial No, if known).				
U.S. patent No, issued				
The PATENT RIGHTS also include all divisions reissues, continuations and extensions of				
the patents and patent applications identified above.				
The PATENT RIGHTS assigned under this agreement are:				
(check one)⊠U.S. patent rights only.				
Worldwide patent rights. In this case, the assignee shall have the right to				
claim the benefit of the filing date of any U.S. or foreign patent application				
for this invention.				
The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures				
appear on page 2 of this Assignment and any Supplemental Sheet(s).				
The ASSIGNEE referred to in this agreement is:				
(Name of Assignee) CHUNGHWA PICTURE TUBES, LTD.				
(Address) NO.22, SEC.3, CHUNG SHAN N. RD., TAIPEI, TAIWAN, R.O.C.				
The ASSIGNEE is:				
(check one) An individual.				
A Partnership.				
A Corporation of <u>TAIWAN, R.O.C.</u> (specify state or country)				
(other)				
The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and				
valuable consideration, receipt of which is acknowledged, hereby assign(s) the following				
rights to the ASSIGNEE, its successors and assigns:				
the full and exclusive right to the invention;				
the entire right, title and interest in and to the PATENT RIGHTS;				

the right to sue and recover for any past infringement; and

the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable

PATENT REEL: 015446 FRAME: 0333 provisions, based on any earlier patent applications for this invention.

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO

ASSIGNEE: CHUNGHWA PICTURE TUBES, LTD.

INVENTION TITLE: COLOR FILTER OF LIQUID CRYSTAL DISPLAY PANEL

AND METHOD OF FABRICATING THE SAME

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Huai-An LI	Hugi-An, LT	June 1, 2004
Name of sole or first inventor	Signature	Date
Ming-Feng TSAI  Name of second inventor, if any	Signature	June 1, 2004  Date
Yu-Cheng LO	YU-Chena LO	June 1, 2004
Name of third inventor, if any	Signature	Date
Name of fourth inventor, if any	Signature	Date
Name of fifth inventor, if any	Signature	Date
Name of sixth inventor, if any	Signature	Date

RECORDED: 06/08/2004