orney Docket No. 7268U-000241 12-16-2002 Form PTO-1595 RE U.S. DEPARTMENT OF COMMERCE EET (Rev. 03/01) U.S. Patent and Trademark Office OMB No. 0651-0027 (exp. 5/31/2002) 102311724 attached original documents or copy thereof. To the Honorable Commissioner 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Hsu-Pin KAO Hsiang-Hui TSENG Name: Chunghwa Picture Tubes, Ltd. Sheng-Wen HSU Cing-Chung CHENG Internal Address: Additional name of conveying party(ies) attached? ☐ Yes ☒ No Street Address: No. 22, Sec. 3, Chung Shan S. Rd. 3. Nature of conveyance: Assignment Merger City: Taipei, State: Taiwan Security Agreement Change of Name Other ____ Additional Name(s) & address(es) attached? ☐ Yes ☑ No Execution Date(s): December 3, 2002 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: December 3, 2002 A. Patent Application No.(s) B. Patent No.(s) 12/12/2002 GGEBREGI 00000019 10315345 01 FC:8021 40.00 DE Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom correspondence 6. Total number of applications and/or patents involved: 1 concerning this document should be mailed: Name: David P. Utykanski, Reg. No. 39,052 7. Total fee (37 CFR 3.41) \$ 40.00 Internal Address: Harness, Dickey & Pierce, P.L.C. Authorized to be charged to deposit account 8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any Street Address: P.O. Box 828 overpayments to Deposit Account No.08-0750. A duplicate copy of this sheet is enclosed. City: Bloomfield Hills State: MI Zip: 48303 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. David P. Utykanski, Reg. No. 39,052 David December 9, 2002 Name of Person Signing Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)			
FRONT PLATE STRUCTURE FOR PLASMA DISPLAY PANEL			
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			
ig 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 S. RD., TAIPEI, TAIWAN, R.O.C.			
The ASSIGNEE is:			
(check one) An individual.			
A Partnership.			
□ A Corporation ofTAIWAN, R.O.C(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;			

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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

provisions, based on any earlier patent applications for this invention.

PATENT REEL: 13565 FRAME: 0500

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO ASSIGNEE: CHUNGHWA PICTURE TUBES, LTD.

INVENTION TITLE: FRONT PLATE STRUCTURE FOR PLASMA DISPLAY PANEL

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.

Hsu-Pin KAO	Hsu-Pin Kap	December 3,2002
Name of sole or first inventor	Signature	Date
Hsiang-Hui TSENG Name of second inventor, if any	Hsiang-Hui Tseng Signature	December 3,2002 Date
Sheng-Wen HSU Name of third inventor, if any	Sheng-Wen Hsu Signature	December 3, 2002 Date
Cing-Chung CHENG Name of fourth inventor, if any	Ching-Chung Chong Signature	December 3,2002 Date
Name of fifth inventor, if any	Signature	Date
Name of sixth inventor, if any	Signature	Date
Name of seventh inventor, if any	Signature	Date

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RECORDED: 12/09/2002

PATENT REEL: 13565 FRAME: 0501