FORM PTO-1595 (Rev. 8-93) REC	HEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Tab astings	
To the Honorable Commissioner of Patents and Trademarks:	9114 ached original documents or copy thereof.
1. Name of conveying party(ies): Tean-Sen Jen, Taiwan, R.O.C. Jia-Shyong Cheng, Taiwan, R.O.C.	2. Name and address of receiving party(ies) Name: Hannstar Display Corp.
Additional name(s) of conveying party(ies) attached? Yes No	Internal Address:
3. Nature of conveyance:	9-6-60
KK Assignment	Street Address:
☐ Security Agreement ☐ Change of Name ☐ Other	5th Floor, No. 115 Section 3, Min Sheng E. Road Taipei, Taiwan R.O.C.
Execution Date: August 7, 2000	Additional name(s) & address(es) attached? Yes X No
A. Patent Application No.(s)	h, the execution date of the application is: August 7, 2000 B. Patent No.(s)
, 00,000,000,000	100 0 100 0 100
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
LAFF, WHITESEL, CONTE & SARET, LTD. ATTORNEYS AT LAW 401 NORTH MICHIGAN AVENUE CHICAGO, ILLINOIS 60611-4212 J. Warren Whitesel at telephone No. (312) 661-2100. Fax (312) 661-0029	7. Total fee (37 CFR 3.41)\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231 on	8. Deposit account number: 12-0064
Date:	(Attach duplicate copy of this page if paying by deposit account)
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9/22/2000 MTHAI1 00000396 09656093 1 50:541 To the best of my knowledge and belief, the foregoing informative original document. J. Warren Whitesel Name of Person Signing	

REEL: 011090 FRAME: 0428

ASSIGNMENT

In consideration of good and valuable cacknowledged, the undersigned,	consideration, the receipt of which is hereby
(1) Tean-Sen Jen, Jia-Shyong Cheng	
HEDERY GELL (G) A CGICN(G) AND TO AND	CEED (C) TO
HEREBY SELL(S), ASSIGN(S) AND TRANS	* *
(2) Hannstar Display Corp.	having a place of business at
(3) 5 th Floor, No. 115, Section 3, Min Sheng E	. Road, Taipei, Taiwan, R.O.C.
(hereinafter called "ASSIGNEE") the entire improvements which are disclosed in the a entitled	
(4) <u>Tri-Layer Process for Forming TFT Matrix</u>	of LCD with Gate Metal Layer Around
Pixel Electrode as Black Matrix	
which application was:	
(a) executed by the undersigned on (5a)	August 7, 2000
(1) C1, 1, (51)	
(b) filed on (5b)	
and assigned Serial No.	nta vyhich may be amented an acid ameliaction
including any and all United States letters Pate and any and all extensions, divisions, reissues,	
application and patents, and the right to all be	
the protection of industrial property and applic	
It is hereby authorized and requested tha all of said Letters Patent, when granted, to si interest or its designee.	t the Commissioner of Patents issue any and aid Assignee, its assigns or its successors in
Upon said consideration, it is further agribut at the expense of said Assignee, the under substitute, renewal, and reissue patent applications generally do everything possible which said Assecuring and maintaining patent protection as processing and patent protection and patent patent protection and patent pat	ations; execute all rightful other papers; and assignee shall consider desirable for aiding in
DATE:	INVENTOR(S)
August 7, 2000	Tean-Sen Jen Tean-Sen Jen
August 7, 2000	Jia-Shyong Cheng Jia-Shyong Cheng
	<u> </u>
WITNESSES:	

RECORDED: 09/06/2000

PATENT REEL: 011090 FRAME: 0429