

FORM PTO-1596

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U.S. DEPARTMENT OF COMMERCE

PATENTS ONLY **DOCKET NO.: 4459-106** To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto: 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): 1) KEI-HSIUNG YANG HANNSTAR DISPLAY CORP. Name: Internal Address: Additional name(s) of conveying party(ies) attached? 3. Nature of conveyance: Street Address: 12F, NO. 115, SECTION 3, MING SHENG E. RD. X Assignment __ Merger Security Agreement __ Change of Name City: Other TAIPEI State or Area: **TAIWAN** Zip/Postal Code: Country: R.O.C. Additional name(s) & address(es) attached? Execution Date: August 10, 2002 4. 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: August 10, 2002 B. Patent No(s). Additional numbers attached? 6. Total number of applications and patents involved: one 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41) \$40.00 LOWE HAUPTMAN GILMAN & BERNER (22429) ☐ Authorized to be charged to deposit account Internal Address: 8. Deposit account number: 07-1337 Street Address: 1700 Diagonal Road, Suite 310 ZIP: 22314 State: VA City: Alexandria DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information if true and correct and any attached copy is a true copy of the original document. August 27, 2002 Benjamin J. Hauptman Reg. No. 29,310 Date Signature Name and Registration No. of Person Signing Total number of pages comprising cover sheet: 1 CMB No. 0851-0011 (exp. 4/94) 0b/09/2002 JJALLAH2 00000001 10227841 40.00 DP FC:581

PATENT REEL: 013256 FRAME: 0930 Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned, who have made a certain new and useful invention, hereby sell, assign and transfer unto HannStar Display Corp. its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled PANEL LIGHT SOURCE DEVICE AND BACK LIGHT MODULE FOR LIQUID CRYSTAL DISPLAY DEVICE (a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or for which an application for United States Letters Patent was executed on August 10, 2002 and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE, AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred. SIGNED on the date indicated aside our signatures: DATE SIGNED 1) Signature: Kei Hsiung YANG August 10, 2002 2) Signature: Name: 3) Signature: Name: 4) Signature: Name: 5) Signature: Name:

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RECORDED: 08/27/2002

Name:

6) Signature:

PATENT REEL: 013256 FRAME: 0931