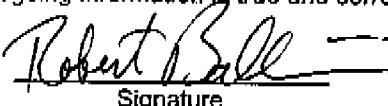


Attny. Docket No. DEE-PT162

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	RECORDATION FORM COVER SHEET PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): CHENG, JIA-SHYONG YANG, CHIEH-HSIUNG Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>HANNSTAR DISPLAY CORP.</u> Internal Address: _____ Street Address: <u>5TH FLOOR, NO. 115, SECTION 3</u> <u>MIN SHENG E. ROAD</u> City: <u>TAIPEI</u> State: _____ Zip: _____ Country: <u>TAIWAN, R.O.C.</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other <u>CORRECTIVE TO REEL 015184, FRAME 0233</u> CORRECTION OF ASSIGNOR'S NAME Execution Date: <u>03/30/2004</u>		
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) <u>10/817,357</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>ROBERT J. BALLARINI</u> Internal Address: <u>VOLPE AND KOENIG, P.C.</u> <u>UNITED PLAZA, SUITE 1600</u> Street Address: <u>30 SOUTH 17TH STREET</u> City: <u>PHILADELPHIA</u> State: <u>PA</u> Zip: <u>19103</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>22-0493</u> <u>Volpe and Koenig, P.C.</u> (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE		
9. Statement and signature. <i>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.</i> <u>ROBERT J. BALLARINI</u> Name of Person Signing Reg. No. 48,684 <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  Signature </div> <div style="text-align: center;"> <u>November 4, 2004</u> Date </div> </div> Total number of pages including cover sheet, attachments, and documents: <u>2</u> Sheet 1 of 1		

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

Mail Stop Assignment Recordation Services
 Director of the US Patent and Trademark Office
 P.O. Box 1450
 Alexandria, VA 22313-1450

PATENT

REEL: 015338 FRAME: 0921

700128694

CH \$40.00 220493 10817357

Attny. Docket No. DEE-PT162

Mail Label No. EV 442790433 US

Form PTO-1595
(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings



102718016

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks

ad original documents or copy thereof.

1. Name of conveying party(ies):
CHENG, JIA-SHYONG
YANG, CHIEH-HSIUNG YANG

4.2.04

2. Name and address of receiving party(ies)

Name: HANNSTAR DISPLAY CORP.

Internal Address:

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Street Address: 5TH FLOOR, NO. 115, SECTION 3

MIN SHENG E. ROAD

City: TAIPEI

State: Zip:

Country: TAIWAN, R.O.C.

Execution Date: 03/30/2004

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

10817357

If this document is being filed together with a new application, the execution date of the application is: 03/30/2004

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: ROBERT J. BALLARINI

Internal Address: VOLPE AND KOENIG, P.C.

UNITED PLAZA, SUITE 1600

Street Address: 30 SOUTH 17TH STREET

City: PHILADELPHIA State: PA Zip: 19103

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

22-0493

Volpe and Koenig, P.C.

(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.

ROBERT J. BALLARINI

Name of Person Signing

Signature

APRIL 2, 2004

Date

Reg. No. 48,684

Total number of pages including cover sheet, attachments, and documents: 2 Sheet 1 of 2

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

Mail Stop Assignment Recordation Services
Director of the US Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

04/07/2004 EFL0RES 00000059 10817357

03 FC:8021

40.00 00

PATENT
REEL: 015338 FRAME: 0922U.S. PTO
10/817357

Attny. Docket No. DEE-PT162

Express Mail Label No.
EV 442790433 US**ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) Jia-Shyong Cheng and Chieh-Hsiung Yang

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) Hannstar Display Corp. having a place of business at

(3) 5th Floor, No. 115, Section 3, Min Sheng E. Road, Taipei, Taiwan, R.O.C.
(hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

(4) LIQUID CRYSTAL DISPLAY WITH NARROW FRAME AREA

which application was:

(a) executed by the undersigned on (5a) March 30, 2004

(b) filed on (5b) _____

and assigned Serial No. _____

including any and all United States letters Patents which may be granted on said application, and any and all extensions, divisions, reissues, substitutes, renewals or continuations of said application and patents, and the right to all benefits under all international conventions for the protection of industrial property and applications for said improvements.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee, its assigns or its successors in interest or its designee.

Upon said consideration, it is further agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining patent protection as provided herein.

DATE:

March 30, 2004

March 30, 2004

INVENTOR(S)

Jia-Shyong Cheng Jia-Shyong Cheng
Chieh-Hsiung Yang Chieh-Hsiung Yang

WITNESSES:

PATENT

RECORDED: 11/04/2004

REEL: 015338 FRAME: 0923