

12-17-2002

ET

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

To the Honorable Commissioner of P



102313346

original documents or copy thereof.

JC843 U.S. PTO
10/315774
12/10/02

1. Name of conveying part(ies):

Deuk Su LEE
Tea-Sen JEN

12/10/02

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

Address of receiving party(ies)

Name: HannStar Display Corp.

Street Address: 5F, No. 115, Sec. 3
Min-Sheng E. Rd.
Taipei, Taiwan, R.O.C.Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: September 24, 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:
September 24, 2002

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:

Daniel R. McClure
Thomas, Kayden, Horstemeyer & Risley, L.L.P.
100 Galleria Parkway, Suite 1750
Atlanta, Georgia 30339-5948

6. Total number of applications/patents involved: [1]

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

- ☒ Enclosed
☐ Authorization to charge credit card (attached)

8. Deposit Account Number:

20-0778
(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.

Daniel R. McClure

Typed Name

Signature

Dec 10 2002

Date

Docket #: 250806-1240

Total number of pages including cover sheet, attachments, and document: [3]

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

12/16/2002 GT0M11 00000157 10315774

01 FC:8021

40.00 DP

PATENT
REEL: 013571 FRAME: 0641

ASSIGNMENT

WHEREAS, Deuk Su LEE and Tean-Sen JEN
hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements
as described and set forth in the below identified application for United States Letters Patent:

Title: IN-PLANE SWITCHING LIQUID CRYSTAL DISPLAY WITH AN ALIGNMENT FREE STRUCTURE
AND METHOD OF USING BACK EXPOSURE TO FORM THE SAME

Filed: _____ Serial No. _____

Executed on: September 24, 2002

WHEREAS, HANNSTAR DISPLAY CORP. of 5F, No.115, Sec.3,
Min-Sheng E. Rd., Taipei, Taiwan, R.O.C. hereinafter referred to as
ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and
application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for
good and valuable consideration, receipt of which is hereby acknowledged by Assignor,
Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign
and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their
rights, title and interest in and to the said invention and application and all future
improvements thereon, and in and to any Letters Patent which may hereafter be granted on the
same in the United States, the said interest to be held and enjoyed by said Assignee as fully and
exclusively as it would have been held and enjoyed by said Assignor had this Assignment and
transfer not been made, to the full end and term of any Letters Patent which may be granted
thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion,
reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said
Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said
application and/or applications, execute, verify, acknowledge and deliver all such further
papers, including applications for Letters Patent and for the reissue thereof, and instruments of
assignment and transfer thereof, and will perform such other acts as Assignee lawfully may
request, to obtain or maintain Letters Patent for said invention and improvement, and to vest
title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the
date(s) indicated.

Deuk Su Lee

Deuk Su LEE

Sep. 24, 2002

Date:

Tean-Sen Jen

Tean-Sen JEN

09/20/2002

Date:

I/we hereby appoint the following attorneys/agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: **George M. Thomas, Reg. No. 22,260; James W. Kayden, Reg. No. 31,532; Scott A. Horstemeyer, Reg. No. 34,183; Stephen R. Risley, Reg. No. 35,659; Jeffrey R. Kuester, Reg. No. 34,367; Daniel J. Santos, Reg. No. 40,158; Michael J. Tempel, Reg. No. 41,344; Daniel R. McClure, Reg. No. 38,962; Robert E. Stachler II, Reg. No. 36,934; David P. Kelley, Reg. No. 17,420; Reg. No. 41,344; David R. Risley, Reg. No. 39,345; Dan R. Gresham, Reg. No. 41,805; J. Scott Culpepper, Reg. No. 41,692; M. Paul Qualey, Reg. No. 43,024; Robert P. Biddle, Reg. No. 35,826; Robert A. Blaha, Reg. No. 43,502; Jennifer M. Gruber, Reg. No. 42,601; Raymond W. Armentrout, Reg. No. 45,866; Cynthia J. Lee, Reg. No. 46,033; N. Andrew Crain, Reg. No. 45,442; Monica H. Winghart, Reg. No. 46,790; Sami O. Malas, Reg. No. 44,893; Eric M. Ringer, Reg. No. 47,028; Robert B. Dulaney III, Reg. No. 47,539; Adam E. Crall, Reg. No. 46,646; William F. Heinze, Reg. No. 36,161; Christopher B. Linder, Ph.D., Reg. No. 47,751; Peter A. Nieves, Reg. No. 48,173; David Rodack, Reg. 47,034; Edwina T. Washington, Reg. No. 43,187.**

Please address all telephone calls, in the first instance, to **Daniel R. McClure** at telephone number: **(770) 933-9500**.

Address all correspondence to:

**Daniel R. McClure
THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.
100 Galleria Parkway, N.W., Suite 1750
Atlanta, Georgia 30339-5948**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statement and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Signature: Deuk Su Lee Date: Sep. 24, 2002

Full Name of First or Sole Inventor: Deuk Su LEE (Last name : LEE)
Residence: 3F, No.191, Chang Ching E. Rd., Yangmei Chen, Taoyuan Hsien, Taiwan, R.O.C.
Citizenship: Korea
Post Office Address: Same

Inventor's Signature: Teian-Sen Jen Date: 09/24/2002

Full Name of Second Inventor: Teian-Sen JEN (Last name : JEN)
Residence: No. 15, Alley 2, Lane 277, Ying-Der Rd., Ping-Chen, Taoyuan Hsien, Taiwan, R.O.C.
Citizenship: Taiwan, R.O.C.
Post Office Address: Same