

06/01/01

11051 U.S. PTO

06-12-2001



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To the **Commissioner for Patents**. Please record the attached original documents or copies thereof.

1. Name of Conveying Party(ies):

Liang-Kuei HSU
Yao-Hung LAI
Shiuh-Bin KAO
Kuang-Lang CHEN

06/16/01

2. Name and Address of Receiving Party(ies):

Name: **Chunghwa Picture Tubes, Ltd.**

Internal Address:

Street Address: **No. 22, Chungshan North Road
Section 3**

City, State, Zip: **Taipei, Taiwan, R.O.C.**

3. Nature of Conveyance:

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

Execution Date: **March 16, 2001**

Additional name(s) and address(es) attached.

4. (A) Patent Application Number(s):

Entitled: "Method For Implementing Error Diffusion On Plasma Display Panel"

Atty Ref: 6839

09/15/01 993

4. (B) Patent Number(s):

If this document is being filed together with a new application, the execution date of the application is: **March 16, 2001**

Additional Numbers Attached.

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name: **Eugene Mar**



23364
PATENT TRADEMARK OFFICE

Bacon & Thomas, PLLC
625 Slaters Lane Fourth Floor
Alexandria, VA 22314

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: **02-0200**

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9. Statement and Signature:

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Eugene Mar

June 1, 2001

Name of Person Signing

Signature

Date

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

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10/10/01

06/05/2001 551111B1 00000003 09870493

02 FC:581

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PATENT
REEL: 011873 FRAME: 0291

ASSIGNMENT

KUANG-LANG CHEN,

WHEREAS, I (we), LIANG-KUEI HSU, YAO-HUNG LAI, SHIUH-BIN KAO

whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful improvements in METHOD FOR IMPLEMENTING ERROR DIFFUSION ON PLASMA DISPLAY PANEL

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

- executed on even date herewith
- executed on: _____
- filed on: _____ Serial No.: _____
- established by PCT International Patent Application No.: _____ filed: _____
designating the United States of America

WHEREAS, CHUNGHWA PICTURE TUBES, LTD.

whose post office address is No. 22, Chungshan North Road, Sec. 3, Taipei, Taiwan, R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States:

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of *Bacon & Thomas* to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

<i>Assignor Name</i> LIANG-KUEI HSU	<i>Address</i> No. 22, Chungshan North Road, Sec. 3, Taipei, Taiwan, R.O.C.
<i>Where Signed</i> Taipei, Taiwan, R.O.C.	
<i>Date</i> March 16, 2001	<i>Signature</i> I-Hsu Liang-Kuei
<i>Witness (optional)</i>	<i>Witness (optional)</i>
<i>Print/Type Name</i>	<i>Print/Type Name</i>
<i>Signature</i>	<i>Signature</i>

Continued on Next Page

ASSIGNMENT

Page: _____

Assignor Name YAO-HUNG LAI	Address No. 22, Chungshan North Road, Sec. 3, Taipei, Taiwan, R.O.C.
Where Signed Taipei, Taiwan, R.O.C.	
Date March 16, 2001	Signature Yao-Hung Lai
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature

Assignor Name SHIUH-BIN KAO	Address No. 22, Chungshan North Road, Sec. 3, Taipei, Taiwan, R.O.C.
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Date March 16, 2001	Signature Shiuh-Bin Kao
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature

Assignor Name KUANG-LANG CHEN	Address No. 22, Chungshan North Road, Sec. 3, Taipei, Taiwan, R.O.C.
Where Signed Taipei, Taiwan, R.O.C.	
Date March 16, 2001	Signature KuangLang Chen
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature

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