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To the Honorable Commissioner of Patent

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ed original documents or copy thereof.

## 1. Name of conveying party(ies):

CHING-HSIANG TSENG, WEN-CHI CHEN and  
KUO-CHENG CHENAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: JULY 2, 1998

## 2. Name and address of receiving party(ies)

Name: CHUNGHWA PICTURE TUBES, LTD.

Internal Address: \_\_\_\_\_

Street Address: 80 HSING SHAN ROAD

YANGMEI-TAOYUAN, TAIWAN 32606

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

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

## 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)

09/115,278, filed 7/14/98

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: THOMAS E. HILL, ESQ.

Internal Address: EMRICH &amp; DITHMAR

Street Address: 300 SOUTH WACKER DRIVE,

SUITE 3000

City: CHICAGO State: IL ZIP: 60606

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41).....\$ \_\_\_\_\_

- ☐ Enclosed  
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## 8. Deposit account number:

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## 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.*

THOMAS E. HILL

Name of Person Signing

Thomas E. Hill

Signature

26 OCTOBER 1998

Date

Total number of pages including cover sheet, attachments, and document: ☐ 2

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

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PATENT

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

CHING-HSIANG TSENG, WEN-CHI CHEN and  
KUO-CHENG CHENAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

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- ☐ Security Agreement ☐ Change of Name
- ☐ Other \_\_\_\_\_

Execution Date: JULY 3, 1998

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Name: CHUNGHWA PICTURE TUBES, LTD.

Internal Address: \_\_\_\_\_

Street Address: 80 HSING SHAN ROAD

YANGMEI/TAOYUAN

TAIWAN 32606

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

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

## 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: JULY 3, 1998

## A. Patent Application No.(s)

(09/115278)

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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Internal Address: EMRICH &amp; DITHMAR

Street Address: 300 SOUTH WACKER DRIVE

SUITE 3000

City: CHICAGO State: IL ZIP: 60606

## 6. Total number of applications and patents involved: 1

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

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## 8. Deposit account number:

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## 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.

THOMAS E. HILL

Name of Person Signing

Thomas E. Hill

Signature

July 14, 1998

Date

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

ASSIGNMENT

In consideration of One Dollar and other good and valuable considerations, the receipt of which is hereby acknowledged, the undersigned hereby assigns to CHUNGHWA PICTURE TUBES, LTD. (hereinafter referred to as "assignee"), a corporation of the Country of the Republic of China (TAIWAN), having a place of business at 80 Hsing Shan Road, Yangmei/Taoyuan, Taiwan 32606 / Republic of China, its successors and assigns, the entire right, title and interest in the invention or improvements in **IMPROVED SHADOW MASK FOR COLOR CRT AND METHOD FOR FORMING SAME** and in the application for Letters Patent of the United States therefor, executed by the undersigned on July 2, 1998, and in any reissue, extension, division or continuation of any Letters Patent that may be granted upon said application or applications.

The undersigned hereby authorizes and requests the Assistant Commissioner for Patents to issue said Letters Patent to said assignee.

For said considerations the undersigned hereby agree, upon the request of said assignee, its successors and assigns, to execute any and all divisional and renewal applications for said invention or improvements, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of said application or any division thereof, or Letters Patent issued

thereon, or any reissue or application for the reissue thereof, becoming involved in Interference, to cooperate fully with said assignee, its successors or assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof and hereby agree to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in the said assignee, its successors and assigns as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made, and for the said considerations the undersigned hereby also assign to said assignee, its successors and assigns the entire right, title and interest in said invention or improvements for any and all foreign countries and agree upon the request of said assignee, its successors and assigns to execute any and all documents that shall be required of it, to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

The foregoing Assignment shall be deemed fully executed and shall become effective this 2<sup>nd</sup> day of July, 1998.

Ching - Hsiang Tseng  
Ching-Hsiang Tseng

Wen - Chi Chen  
Wen-Chi Chen

Kuo - cheng chen  
Kuo-Cheng Chen