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To the Honorable Commissioner of Patents and Trademarks, attached original document(s) or copy thereof.

1. Name of conveying party(ies) (assignor(s)):

Yaw-Ting WU Chun-Hsiang WEN Shu-Huei CHENG
Ming-Hsiang CHAN Jun-Ichi YASUKAWA Hajime KUWAHARA

Additional name(s) of conveying party(ies) attached? [ ] yes [x] no

2. Name and Address of Party(ies) receiving an interest (assignee(s)):

Name: 1) Industrial Technology Research Institute and 2) Sumitomo Chemical Company, Limited
Address: No. 195, Sec. 4, Chung-Hsing Road 5-33, Kitahama-4-Chome,

City: Chutung, Hsinchu Chuo-Ku, Osaka
State: Taiwan
Country: REPUBLIC OF CHINA JAPAN

Additional name(s) & address(es) attached? [ ] yes [x] no

FEB 23 2001

3. Nature of Conveyance:

- [x] Assignment [ ] Merger [ ] Change of Name
[ ] Verified Translation [ ] Security Agreement [ ] Other

Execution Dates: - July 26, 2000, August 3, 2000 and August 4, 2000

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

If this document is being filed together with a new application, the execution date(s) of the application is: July 26, 2000, August 3, 2000 and August 4, 2000

A. Patent Application No(s).

B. Patent No(s).

Others on additional sheet(s) attached? [ ] Yes [x] No

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

Kurt F. James
Senniger, Powers, Leavitt & Roedel
One Metropolitan Square
16th Floor
St. Louis, Missouri 63102
(314) 231-5400 (telephone)

6. Total number of applications and patents involved:
Application(s) 1 + Patent(s): 0 = Total 1

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

- [x] Enclosed
[ ] Authorized to be charged to deposit account

8. Deposit Account Number: 19-1345

- [x] Charge any underpayment or credit any overpayment to above Deposit Account
(Duplicate copy of this sheet attached)

03/07/2001 DBYRNE 00000163 JAMES KURT F

01 FEB 2001

40.00 DP

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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.

Kurt F. James
Name of Person Signing

Signature

February 20, 2001
Date

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

6

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LELI 3401  
050700**ASSIGNMENT**

**WHEREAS**, We Yaw-Ting WU of Taiwan, R.O.C., Chun-Hsiang WEN, of Taiwan, R.O.C., Shu-Huei CHENG of Taiwan, R.O.C., Ming-Hsiang CHAN of Taiwan, R.O.C., Jun-Ichi YASUKAWA of Kanagawa, Japan and Hajime KUWAHARA of Chiba, Japan, have invented an improvement in METHOD OF MANUFACTURING A COLOR FILTER FOR A REFLECTIVE LIQUID CRYSTAL DISPLAY (File LELI 3401 ~~XXXX~~) and have executed an application for a United States patent based thereon simultaneously herewith;

**AND, WHEREAS**, Industrial Technology Research Institute of No. 195, Sec. 4, Chung-Hsing Road, Chutung, Hsinchu, Taiwan, R.O.C., a R.O.C. corporation, and Sumitomo Chemical Company, Limited of 5-33, Kitahama-4-Chome, Chuo-Ku, Osaka, Japan, a Japanese corporation (hereinafter jointly referred to as "ASSIGNEE") is desirous of jointly acquiring certain rights thereunder;

**NOW, THEREFORE**, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, we have agreed to and do hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application, any other United States applications (including provisional, non-provisional, divisional, continuing or reissue applications) based in whole or in part on said United States application or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States application or in whole or in part on

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said invention, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

**TO BE HELD AND ENJOYED** by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made;

**AND We** hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

**AND We** hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

**AND We** hereby jointly and severally covenant for ourselves and our respective legal representatives that we have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

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IN WITNESS WHEREOF, we have hereunto set our hands.

Date: 26, July, 2000

Yaw-Ting Wu  
Yaw-Ting WU

WITNESSED:

\_\_\_\_\_

Date: 26 July 2000

Chun-Hsiang Wen  
Chun-Hsiang WEN

WITNESSED:

\_\_\_\_\_

Date: 26, July 2000.

Shu-Huei Cheng  
Shu-Huei CHENG

WITNESSED:

\_\_\_\_\_

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Date: 16, July, 2000.

Ming-Hsiang CHAN  
Ming-Hsiang CHAN

WITNESSED:

\_\_\_\_\_

Date: \_\_\_\_\_

Jun-Ichi YASUKAWA

WITNESSED:

\_\_\_\_\_

Date: \_\_\_\_\_

Hajime KUWAHARA

WITNESSED:

\_\_\_\_\_

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Date: \_\_\_\_\_

\_\_\_\_\_  
Ming-Hsiang CHAN

WITNESSED:  
\_\_\_\_\_

Date: 3 August 2000

\_\_\_\_\_  
*Jun-ichi Yasukawa*  
Jun-Ichi YASUKAWA

WITNESSED:  
*[Signature]*

Date: 4 August 2000

\_\_\_\_\_  
*Hajime Kuwahara*  
Hajime KUWAHARA

WITNESSED:  
*[Signature]*