

06-10-2003



SHEET

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102469145

To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

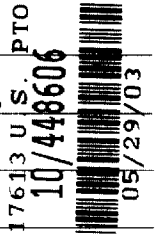
1. Name of conveying party(ies):
YOUNG-NAM YUN
JIN-SUK PARK

6.29.03

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

Name: Samsung Electronics Co., Ltd.

Internal Address: 416, Maetan-dong, Paldal-gu,
Suwon-si, Gyeonggi-do, Korea



Street Address:

City: State: ZIP:

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

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: April 18, 2003

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

10448606

If this document is being filed together with a new application, the execution date of the application is: April 18, 2003

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: David A. Fox

Internal Address: CANTOR COLBURN LLP

06/09/2003 EDOOPER 00000020 10448606

01 FC:0021

40.00

Street Address: 55 Griffin Road South

City: Bloomfield State: CT ZIP: 06002

6. Total number of applications and patents involved: 1

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

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

06-1130

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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.

David A. Fox, Reg. No. 38,807

Name of Person Signing

Signature

Date

3

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

ASSIGNMENT

WHEREAS We, YOUNG-NAM YUN of 409-207 Ju-Kong APT., Gaepo 2 dong, Gangnam-gu, Seoul-si, in the County of Korea and JIN-SUK PARK of 302-1507, Chunggu APT., Hongjae 4 dong, Seodaemun-gu, Seoul-si in the County of Korea (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

UPPER SUBSTRATE, LIQUID CRYSTAL DISPLAY APPARATUS HAVING THE SAME
AND METHOD OF FABRICATING THE SAME

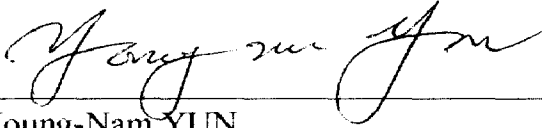
AND WHEREAS, SAMSUNG ELECTRONICS CO., LTD. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of KOREA, having a place of business at 416, Maetan-dong, Paldal-gu, Suwon-si, Gyeonggi-do, Korea, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the

cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.


The undersigned declare that all statements made herein of their 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 statements 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 issuing thereon.

Date: April 18, 2003



Young-Nam YUN L.S.

Date: April 18, 2003



Jin-Suk PARK L.S.