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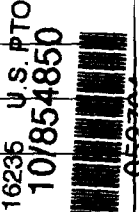
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1. Name of conveying party(ies): Jin Jeon, Jin-Suk Park, Dong-Hwan Kim, Kyo-Seop Choo, Yong-Ho Yang, Ji-Hye Moon, Won-Kyu Lee and Jun-Ho Song

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

Name: SAMSUNG ELECTRONICS CO., LTD.

Address: 416 Maetan-dong, Yeongtong-gu



Additional names(s) of conveying party(ies) [] Yes [x] No

3. Nature of conveyance:

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

City: Suwon-si State/Prov.: Gyeonggi-do

Country: KOREA ZIP:

5-14-04, 5-14-04, 5-14-04, 5-14-04, Execution Date: 5-14-04, 5-14-04, 5-18-04, 5-18-04

Additional name(s) & address(es) [] Yes [x] No

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

If this document is being filed together with a new application, the execution date of the application is: 5-14-04, 5-14-04, 5-18-04, 5-18-04

Patent Application No. Filing date

B. Patent No.(s)

101854850

Additional numbers [] Yes [x] No

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

6. Total number of applications and patents involved: 1

Name: Jae Y. Park

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

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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.

Jae Y. Park

Signature

May 27, 2004

Date

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ASSIGNMENT

WHEREAS I, Jin JEON of 201 Daesang house, #203-4, Yangjae2-dong, Seocho-gu, Seoul, Korea, Jin-Suk PARK of 302-1507 Cheonggu Apt., Hongjae4-dong, Seodaemun-gu, Seoul, Korea, Dong-Hwan KIM of 250-1401 Ssangyong Apt., Yeongtong-dong, Padal-gu, Suwon-si, Gyeonggi-do, Korea, Kyo-Seop CHOO of 130-306 Jugong1danji, Yeongtong-dong, Padal-gu, Suwon-si, Gyeonggi-do, Korea, Yong-Ho YANG of #329-42, Sinrim3-dong, Gwanak-gu, Seoul, Korea, Ji-Hye MOON of #329-42, Singil3-dong, Yeongdeungpo-gu, Seoul, Korea, Won-Kyu LEE of 511-1302 Cheonggu Apt., Gumi-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea and Jun-Ho SONG of 708-2301 Gyeongnam Apt., Yatap-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea;(hereinafter referred to as "ASSIGNOR"); has invented certain new and useful improvements in:

ARRAY SUBSTRATE, METHOD OF MANUFACTURING THE SAME AND LIQUID CRYSTAL DISPLAY APPARATUS HAVING THE SAME

which claims priority to Korean Patent Application No. 2003-36810, filed 9 June 2003 and No. 2003-66541, filed 25 September 2003 and for which I am about to file an application for Letters Patent of the United States;

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, Yeongtong-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, I, the said ASSIGNOR, 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 I 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 I do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that I 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 I 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 his 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: May, 14, 2004

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Date: 5. 14. 2004

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Date: 2004. 5. 14

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Date: 2004. 5. 18

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