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To the Director of the United States Patent and

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... original documents or copy thereof.

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

Jong-Whan Cho, Sang-Jin Park, Won-Sang Park, Kee-Han  
Uh, Hyung-Guel Kim and Jae-Hoon Jung

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: 03-19, 16, 16, 16, 16, 16, 2004

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

Name: SAMSUNG ELECTRONICS CO., LTD.

Address: 416 Maetan-dong, Yeongtong-gu

City: Suwon-si

State/Prov.: Gyeonggi-do

Country: KOREA

ZIP:

Additional name(s) &amp; address(es)

☐ Yes ☒ No

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

10 805 961

If this document is being filed together with a new application, the execution date of the application is: 3-19, 16, 16, 16, 16, 16  
2004

Patent Application No.

Filing date

B. Patent No.(s)

03/29/2004 6TOM11 00000030 10805961

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Additional numbers

☐ Yes ☒ No

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

Name: Jae Y. Park

Registration No. PLEASE SEE ATTACHED

Address: Cantor Colburn LLP

55 Griffin Road South

City: Bloomfield

State/Prov.: CT

Country: USA

ZIP: 06002

## 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:

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.

Jae Y. Park

Name of Person Signing

Signature

March 22, 2004

Date

3

Total number of pages including cover sheet, attachments, and

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PATENT  
REEL: 015135 FRAME: 0455

ASSIGNMENT

WHEREAS We, Jong-Whan CHO of 643-505 Sejong Apt., Sanbon-dong, Gunpo-si, Gyeonggi-do, Korea ; Sang-Jin PARK of 101-1004 Hyundai hometown 1cha, Dongcheon-ri, Suji-eup, Yongin-si, Gyeonggi-do, Korea; Won-Sang PARK of 302-2001 Suwondongmaeul Ssangyong APT., Sangha-ri, Guseong-myeon, Yongin-si, Gyeonggi-do, Korea; Kee-Han UH of 155-801 Geumho bestvill, Sanghyeon-ri, Suji-eup, Yongin-si, Gyeonggi-do, Korea; Hyung-Guel KIM of 505-206 Jinsanmeul Samsung 5 cha Apt., #1161, Bojeong-ri, Guseong-myeon, Yongin-si, Gyeonggi-do, Korea; Jae-Hoon JUNG of 207-1006 Mokryeon Daewoo Apt., Bumgyeoi-dong, Dongan-gu, Anyang-si, Gyeonggi-do, Korea (hereinafter referred to as "ASSIGNOR"); have invented certain new and useful improvements in:

**LIGHT PEN, PHOTO DETECTIVE LIQUID CRYSTAL DISPLAY DEVICE AND DISPLAY DEVICE HAVING THE LIGHT PEN**

which claims priority to Korean Patent Application No.2003-19603, filed 28 March 2003, No.2003-24382, filed 17 April 2003 and No.2003-39340, filed 18 June 2003, 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: <u>2004. 3. 16</u>	<u>CHO JONG-WHAN</u> <u><del>CHO JONG-WHAN</del></u> <sup>104 3/19</sup> L.S. Jong-Wan CHO
Date: <u>2004. 03. 16</u>	<u><del>Park, Sang Jin</del></u> L.S. Sang-Jin PARK
Date: <u>2004. 03. 16</u>	<u>Park, Won Sang</u> L.S. Won-Sang PARK
Date: <u>2004. 3. 16</u>	<u><del>Kim, Hyeon</del></u> L.S. Hyeon KIM
Date: <u>2004. 3. 16</u>	<u><del>Kim, Hyeon</del></u> L.S. Hyeon KIM
Date: <u>2004. 3. 16</u>	<u>Jae-Hoon JUNG</u> L.S. Jae-Hoon JUNG