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Koichi SONO
Young-sun KIM
Tae-young LEE

Additional name(s) of conveying party(ies) attached? Yes No

9-7-04

2. Name and address of receiving party(ies):
SAMSUNG ELECTRONICS CO., LTD.
416, Maetan-dong, Yeongtong-gu
Suwon-si, Gyeonggi-do
Republic of Korea

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

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Execution Date: July 2, 2004

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)
10/745,465

B. Patent No.(s)
Unknown

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE MION, PLLC
WASHINGTON OFFICE
23373
CUSTOMER NUMBER

6. Total number of applications and patents involved:
1

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PATENT
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Assignment

Whereas, I/We, Koichi SONO, Young-sun Kim and Tae-young Lee of
225-402 Byucksan Apt., Hwanggol Maeul, Youngtong-dong, Paldal-gu, Suwon-si,
Gyeonggi-do, Rep. of Korea; 323-504 Gwonseon Daewoo Apt., Gwonseon-dong, Gwonseon-gu,
Suwon-si, Gyeonggi-do, Rep. of Korea and 302-502 Daewoo Apt., Cheongnyung Maeul
3-danji, Youngtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do, Rep. of Korea

hereinafter called assignor(s), have invented certain improvements in APPARATUS AND METHOD FOR
GENERATING PROGRAMMABLE SIGNAL FOR DRIVING DISPLAY PANEL and
executed an application for Letters Patent of the United States of America therefor on
2 July 2004; and

Whereas, SAMSUNG ELECTRONICS CO., LTD.
416 Mactan-dong, Paldal-gu,
Suwon-city, Kyungki-do,
Republic of Korea

(assignee), desires to acquire the entire right, title, and interest in the application and invention,
and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee,
its successors and assigns, the entire right, title and interest in the application and the invention disclosed
therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and
I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted
upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will
execute without further consideration all papers deemed necessary by the assignee in connection with the
United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania
Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number
10/745,465 and Confirmation number _____, filed
24 December 2003) the application number and filing date of said application when known.

Date: 2 July 2004 : Koichi Sono
s/ Koichi SONO
Date: 2 July 2004 : Youngsun
s/ Young-sun Kim
Date: 2 July 2004 : Tae-young Lee
s/ Tae-young Lee
Date: _____
s/
Date: _____
s/
Date: _____
s/

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