

08-01-2003

Q75286

Form PTO-1595 (modified)
(Rev. 03/01)
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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Moon-gyu LEE
Hwan-young CHOI
Jin-seung CHOI
Jee-hong MIN
Jin-hwan KIM

7.73.03

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

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

22212 U.S. PTO
10/624541
07/23/03

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

3. Nature of conveyance:

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

Execution Date: June 24, 2003

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

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: June 24, 2003

A. Patent Application No.(s)
Not Yet Assigned

B. Patent No.(s)
Not Yet Assigned

10624541

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

7. Total fee (37 CFR 3.41):

\$40.00

☒ Enclosed.

☐ Authorized to be charged to Deposit Account No. 19-4880.

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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.

Darryl Mexic

Darryl Mexic

Reg. No. 23,063

July 23, 2003

Date

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PATENT
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Assignment

Whereas, I/We, 1) Moon-gyu Lee, 2) Hwan-young Choi, 3) Jin-seung Choi, 4) Jee-hong Min, and 5) Jin-hwan Kim, residing at 1) 406-102 Jugong Apt., 1054-3 Youngtong-dong, Paldal-gu, Suwon-city Kyungki-do, Republic of Korea, 2) 901-1903 Mokryeon Sindonga Apt., 1053-3 Hoggie-dong, Dongan-gu Anyang-city, Kyungki-do, Republic of Korea, 3) 305-901 Jugong Apt., 646 Hwasoo 2-dong, Jangsan-gu Suwon-city, Kyungki-do, Republic of Korea, 4) 203-604 Jukjeon Byucksan Apt., 941 Suji-eub, Yongin-city Kyungki-do, Republic of Korea, and 5) 614-101 Sinnaeusil Kukdong Apt., 967-2 Youngtong-dong, Paldal-gu Suwon-city, Kyungki-do, Republic of Korea

hereinafter called assignor(s), have invented certain improvements in
LIQUID CRYSTAL DISPLAY DEVICE

and executed an application for Letters Patent of the United States of America therefor on
24 June 2003; and

Whereas,

SAMSUNG ELECTRONICS CO., LTD.

416 Maetan-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 and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Director - 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 hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications 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 _____ and Confirmation number _____, filed _____) the filing date and application number of said application when known.

Date: 24 June 2003

s/

Moon-gyu Lee

Date: 24 June 2003

s/

Hwan-young Choi

Date: 24 June 2003

s/

Jin-seung Choi

Date: 24 June 2003

s/

Jee-hong Min

Date: 24 June 2003

s/

Jin-hwan Kim

Date: 24 June 2003

s/

Kim Jin Hwan

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)