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PATENT AND TRADEMARK OFFICE

08-01-2008



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PLEASE RECORD THE ATTACHED

TO THE HONORABLE DIRECTOR OF THE UNIT  
ORIGINAL DOCUMENTS OR COPY THEREOF.

## 1. Name of conveying parties:

SHIN, Jeong-Hwan

KWAG, Jin-Oh

PARK, Young-Joo

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

## 2. Name and address of receiving party:

Name: SAMSUNG ELECTRONICS CO., LTD.

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

Additional name(s) of receiving party(ies) attached?

☐ Yes☒ No

## 3. Nature of Conveyance:

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

Execution Date: June 17, 2008

## 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 17, 2008

## A. Patent Application No.(s)

Title: DISPLAY DEVICE, AND DRIVING APPARATUS  
AND DRIVING METHOD THEREOF

## B. Patent No.(s)

Additional numbers attached?

☐ Yes☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: Anthony G. Dervan

Internal Address: MACPHERSON, KWOK CHEN &amp; HEID LLP

Street Address: 2033 Gateway Place, Suite 400

City San Jose State CA Zip 95110

## 6. Total number of applications and patents involved: One (1)

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

☒ Authorized to be charged to Deposit Account No. 50-2257.☒ Charge Deposit Account No. 50-2257 for any additional fees  
required for this conveyance and credit Deposit Account  
No. 50-2257 any amounts overpaid

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## 8. 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.

Kieun "Jenny" Sung, Reg. No. 48,639  
Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

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PATENT  
REEL: 021337 FRAME: 0239

## ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

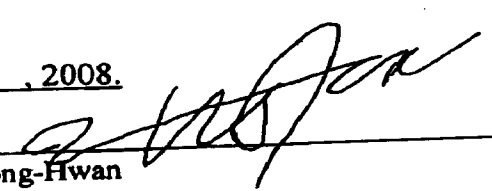
SHIN, Jeong-Hwan	of	605-705 Hansolmaeul Jugong 6-danji Apt., Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea
KWAG, Jin-Oh	of	101-1404 Dongsuwon LG Village, Mangpo- dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea
PARK, Young-Joo	of	408-1804 Sinyeongtong Hyundai 4-cha Apt., Banwol-dong, Hwaseong-si, Gyeonggi-do, Korea

hereby sell, assign and transfer to SAMSUNG ELECTRONICS CO., LTD., a corporation, having a place of business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea, its successors and assigns, the entire right, title and interest throughout the world in our invention in

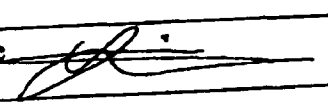
### DISPLAY DEVICE, AND DRIVING APPARATUS AND DRIVING METHOD THEREOF

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 17th day of June, 2008.

  
SHIN, Jeong-Hwan

WITNESSED:

Signature 

Date:

June 17, 2008

KIM Yu-Mi

Executed this 17th day of June, 2008.

KWAG  
KWAG, Jin-Oh

WITNESSED:

Signature

Kim Hye-Jin

Date:

June 17, 2008

KIM Hye-Jin

Executed this 17th day of June, 2008.

[Signature]  
PARK, Young-Joo

WITNESSED:

Signature

[Signature]

Date:

June 17, 2008

KIM Yu-Mi