| U.S. PTO | |
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| 12/157156 | ATTORNEY DOCKET NO.: AB-2694 US |
| 06/05/2008 | U.S. DEPARTMENT OF COMMER 18-2008 • PATENT AND TRADEMARK OFFIC |
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| | 3509390 E. PLEASE RECORD THE ATTACHED |
| 1. Name of conveying parties: | 2. Name and address of receiving party: |
| JANG, Jae-woo | |
| LEE, Chul-woo | Name: SAMSUNG ELECTRONICS CO., LTD. |
| KO, Nam-sik | Address: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea |
| LEE, Neung-beom | |
| Additional name(s) of conveying party(ies) attached? | Additional name(s) of receiving party(ies) attached? |
| Yes 🛛 No | 🗌 Yes 🖾 No |
| | |
| 3. Nature of Conveyance: | |
| Assignment Merger | |
| Security Agreement Change of Name | |
| Other | |
| Execution Date: May 21, 2008 | - |
| 4. Application number(s) or patent number(s): | |
| A. Patent Application No.(s) Title: DISPLAY DEVICE AND DRIVING METHOD THEREOF | B. Patent No.(s) |
| Additional n | umbers attached? 🗌 Yes 🔀 No |
| Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: <u>One (1)</u> |
| Name: David W. Heid | - |
| Internal Address: MACPHERSON, KWOK CHEN & HEID LLP | - |
| Street Address: 2033 Gateway Place, Suite 400 | - 7. Total fee (37 CFR 3.41): \$40.00 |
| City <u>San Jose</u> State <u>CA</u> Zip <u>95110</u> | Authorized to be charged to Deposit Account No. 50-2257 |
| | Charge Deposit Account No. 50-2257 for any additional fe required for this conveyance and credit Deposit Account No. 50-2257 any amounts overpaid |
| | |
| DO NOT L | USE THIS SPACE 06/17/2008 DBYRNE 00000059 502257 12157156 |
| | 00/1//2008 DETRNE 00000059 502257 12157156 01 FC:8021 40.00 DA |
| 8. Statement and signature. | |
| | nation is true and correct and any attached copy is a true copy of the origin |
| | |
| To the best of my knowledge and belief, the foregoing inform document. | 112/1 |
| | With June 5, 2008 |

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EXPRESS MAIL LABEL NO. EV 938 368 046 US

PATENT REEL: 021124 FRAME: 0066

ASSIGNMENT

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

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| JANG, Jae-woo | | Yeongtong-gu, Suwon-si, Gyeonggi-do, KOREA |
|-----------------|----|--|
| LEE, Chul-woo | of | Hongik Apt. #106-303, Hosan-ri, Tangjeong-myeon, Asan-si, Chungcheongnam-do, KOREA |
| KO, Nam-sik | | Samsung Crystal Dormitory #Cubic- 1407, Tangjeong-myeon, Asan-si, Chungcheongnam-do, KOREA |
| LEE, Neung-beom | of | Hongik Apt. #106-1105, Hosan-ri, Tangjeong-myeon, Asan-si, Chungcheongnam-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 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 21st day of May | . 2008. |
|----------------------------------|--|
| | 2008. |
| | JANG, Jae-woo |
| WITNESSED: | |
| Signature | |
| Date: | ······································ |
| <u>May 21, 2008</u> KIM Yu-Mi | |

PATENT REEL: 021124 FRAME: 0067

Attorney Docket No. ____AB-2694 US__

| Executed this 21st May | <u>, 2008.</u> |
|-------------------------------|--------------------|
| | 0/ they |
| WITNESSED: | EE, Chul-woo |
| Signature Krachz | |
| Date: May 21, 2008 | |
| KIM Hye-Jin | , |
| " to be | |
| Executed this 21st day of May | 2008. 1 m ^h |
| WITNESSED: KC |), Nam-sik |
| Signature Amy | |
| Date: May 21, 2008 | |
| PARK Mi-Young | |
| | |
| Executed this 21st day of May | 2008. <u>I</u> Ohn |
| WITNESSED: | E, Neung-beom |
| Signature | |
| Date: May 21, 2008 | |
| KIM Yu-Mi | |

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ATTORNEY DOCKET NO.: AB-2694 US

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

RECORDATION FORM COVER SHEET PATENTS ONLY

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED 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? 🛛 No Yes FILE COPY If this document is being filed together with a new application, the execution date of the application is: May 21, 2008 B. Patent No.(s)

| Title: | DISPLAY DEVICE AND DRIVING METHOD |
|--------|-----------------------------------|
| | THEREOF |
| | |

May 21, 2008

Yes

Merger

Change of Name

ORIGINAL DOCUMENTS OR COPY THEREOF.

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

1. Name of conveying parties:

JANG, Jae-woo

LEE, Chui-woo

LEE, Neung-beom

Nature of Conveyance:

Security Agreement

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

Patent Application No.(s)

Assignment

Other Execution Date:

KO, Nam-sik

3.

Α

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| | Additional num | bers attach | ed? | Yes | \boxtimes | No | |
|---|--------------------|-------------|--|-----------|-------------|-------------|--------------|
| 5. Name and address of party to whom concerning document should be mailed | • | 6. Total | number of applicat | tions and | patents ir | volved: | One (1) |
| Name: David W. Heid | | | × | | | | |
| Internal Address: MACPHERSON, KWG | OK CHEN & HEID LLP | | | | | | |
| Street Address: 2033 Gateway Place, | Suite 400 | 7. Total | fee (37 CFR 3.41) | : | \$40.00 |) | |
| City <u>San Jose</u> State <u>CA</u> | Zip <u>95110</u> | | Authorized to be | charged | to Deposi | t Account M | No. 50-2257. |
| · · · · · · · · · · · · · · · · · · · | | | Charge Deposit / required for this (No. 50-2257 any | conveyar | nce and cr | edit Depos | |
| | DO NOT USE | E THIS SPA | CE | | | | |

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.

David W. Heid, Reg. No. 25,875 Name of Person Signing

June 5, 2008 Date

Total number of pages comprising cover sheet:____

X

Yes

EXPRESS MAIL LABEL NO. EV 938 368 046 US

PATENT REEL: 021124 FRAME: 0069

RECORDED: 06/05/2008