| ,  | 41966  | 04                      | 4-24-2006   |             |                        |            |
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|    | FORM PTO-1595  |                         |   |             | U.S. DEPARTMENT OF     | COMMERCE   |
|    | To the Director of the U.S. Patent and Trausin   | 10                      | 03225453  | ument.      |                        |            |
| 1. | Name of conveying parties:   |                         |   |             |                        |            |
| 1. | Sung-Kwon KIM  |                         |   |             |                        |            |
|    | Sang-Min HYUN<br>Chang-Soo LEE   |                         |   |             |                        | PTO 15     |
| 2. | Name and Address of receiving party:   |                         |   |             |                        | 585<br>582 |
|    | SAMSUNG ELECTRONICS CO., I<br>416, Maetan-Dong, Yeongtong-gu,<br>Suwon-si, Gyeonggi-do 443-742<br>Republic of Korea  |                         |   |             |                        | 113006     |
| 3. | Nature of conveyance:  X   |                         | Merger<br>Change of Name                            |             |                        |            |
| 4. | Application number(s) or patent numb  This document is being filed togeth OR This document is being filed after (a) Patent Application No(s)., file (b) Patent No(s)., issued. | her with<br>filing of t |   |             |                        |            |
| 5. | Name and address of party to whom of STAAS & HALSEY LLP Attention: William F. Herbert 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005                               | -                       | ndence concerning docu<br>Our Docket: <u>1860.1</u> |             | ld be mailed:          |            |
| 6. | Total number of applications and pate  | ents invol              | ved: <u>1</u>                                       |             |                        |            |
| 7. | Total fee (37 CFR 3.41) (\$ 40.00 per Patent or Application in Assignment)  ☑ Enclosed ☐ Authorized to be charged to deposit account.  |                         |   |             |                        |            |
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|    | am F. Herbert, Reg. No. 31,024<br>e of Person Signing  |                         | Signature   |             | April 19, 2006<br>Date |            |

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## **U.S. ASSIGNMENT**

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IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-Dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742 Republic of Korea

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| relating to International Patent Application PC<br>States was executed on even date herewith o   | CT/KR/and/or for which application for Letters Patent of the United or, if not so executed, was:  |
| (a) executed on;   | (Insert date of execution of application, if not concurrent)  |
| (b) filed on, Serial No  | Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.  |
| substitute, reissue or reexamination application granted and including any extensions thereof  The ASSIGNOR agree(s), when rect to do all acts which the ASSIGNEE may deem said invention, including in the preparation are interference, reissue, reexamination, or public declared in relation to same, such acts to include the content of th | s) of the United States granted on said application and any continuation, division, renewal, on based thereon, for the full term or terms for which the said Letters Patent(s) may be f (collectively, hereinafter, "said application(s) and Letters Patent(s)").  quested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, in necessary, desirable or expedient, for securing, maintaining and enforcing protection for not prosecution of said application(s) and the issuance of said Letters Patent(s), in any couse proceeding, and in any litigation or other legal proceeding which may arise or be lude but not be limited to executing all papers, including separate assignments and ag sworn testimony, and obtaining and producing evidence. |
| IN WITNESS WHEREOF, the undersigned (Typed Name & Signature of Inventor(s))  | ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )   |
| 1) SUNG KWON Sung-Kwon KIM   | March 31 2006   |
| 2) Sung mir<br>Sang-Min HYUN   | MRRCH 31, 2006  |
| C.S. Lee   | MARUH 31.2006   |
| Chang-Soo LEE  |   |
| 5)   |   |
| 3)   |   |
| 7.   |   |

**PATENT REEL: 017790 FRAME: 0380** 

**RECORDED: 04/19/2006**