## ASSIGNMENT RECORDATION FORM COVER SHEET Patents Only

To: Commissioner for Patents:	Date: June 10, 2005				
Please record the attached original documents or copy thereof.	Attorney Docket Nos. 5649-1648, 5649-1651 and 5649-1652				
Name of conveying party(ies):	Name and address of receiving party(ies):				
Oh-Kyong Kwon	Samsung Electronics Co., Ltd. 416 Maetan-dong, Yeongtong-gu Suwon-si, Gyeonggi-do Republic of Korea				
Additional name(s) of conveying party(ics) attached? Yes X No					
3. Nature of conveyance:					
X Assignment Merger Security Agreement Change of Name Other Execution Date: June 3, 2005	Additional name(s) & address(cs) attached? Yes X No				
4. Patent Nos. 6,549,186 and 6,525,710 and Application No. 11/018,455					
If this document is being filed together with a new application is:  Additional numbers attached? Yes X No  5. Name and address of party to whom correspondence concerning document should be mailed:  Robert N. Crouse  Myers Bigel Sibley & Sajovec  P. O. Box 37428  Raleigh NC 27627	om correspondence 6. Total number of applications and patents involved: 3				
DO NOT USE THIS SPACE					
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.  Robert N. Crouse #44.635  Name of Person Signing  Total number of pages including cover sheet, attachments and document: 4					
CERTIFICATION OF FACSIMILE TRANSMISSION  UNDER 37 CFR § 1.8  I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and  Trademark Office via facsimile number 703-306-5995 on June 10, 2005.  Candi L. Riggs					

**PATENT REEL: 016309 FRAME: 0871** 

700186642

Attorney Docket Nos. 5649-1648; 5649-1651; 5649-1652

## ASSIGNMENT

THIS ASSIGNMENT, made by me Oh-Kyong Kwon, a citizen of the Republic of Korea, residing at 14-1102, Jangmi Apt., Sinchun-dong, Songpa-gu, Seoul 138-240, Republic of Korea, hereinafter referred to as Assignor;

WITNESSETH: That.

WHEREAS, the Assignor is the owner of all right, title, and interest in and to the patent applications, patent publications and granted patents listed in Appendix A attached hereto, all rights therein provided by international conventions or treaties, and the inventions disclosed and claimed therein, and any applications that rely on one or more of the patent applications set forth in Appendix A for priority, including with respect to all of the foregoing, any and all divisionals, continuations, continued prosecution applications, continuations-in-part, reissues, reexaminations thereof as well as foreign counterparts thereof, together with all patents issuing on any of the aforesaid applications for a patent (collectively the "Patents, Patent Publications and Patent Applications"); and

WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation having a principal place of business at 416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter referred to as Assignee, is desirous of acquiring the entirety of Assignor's right, title, and interest in and to the Patents, Patent Publications and Patent Applications:

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the above Assignor has sold and by these presents does hereby sell, assign, transfer, and convey unto the said Assignee, its successors and assigns, Assignor's entire right, title, and interest in and to the Patents, Patent Publications and Patent Applications, to be held and enjoyed by the said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this assignment and sale not been made.

Assignor further transfers and assigns to Assignee all causes of action, rights, and remedies arising under the Patents, Patent Publications, and Patent Applications prior to or after the effective date of this Agreement.

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The Assignor further covenants and agrees that, at the time of the execution and delivery of these presents, it possesses title to the Patents, Patent Publications and Patent Applications as earlier identified, and that it has the unencumbered right and authority to make this assignment.

IN WITNESS WHEREOF, the Assignor has caused this assignment to be executed this 3rd day of June . 2005.

By: Oh-Kyong Kwon

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## APPENDIX A

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5649-1648	บร	09/586,004	06/02/00	6,549,186	04/15/03	;
3649-1651	US	09/587.145	06/02/00	6,525,710	02/25/03	
5649-1652	US	11/018,455				

RECORDED: 06/10/2005 REEL: 016309 FRAME: 0874