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10-22-2008

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RECORDATION FOR		
PATENT	102524070	
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
1. Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)	
Kyung-Chul Yoo Dong-Min Kim	Name: Samsung Electronics Co., Ltd.	
Jin-Woo Roh Jung-Ho Lee	Internal Address:	
Bong-Gee Song		
Execution Date(s) October 6, 2008	Street Address: 416, Maetan-dong, Yeongtong-gu,	
Additional name(s) of conveying party(ies) attached? Yes V No	Suwon-si, Gyeonggi-do, 442-370	
3. Nature of conveyance:	Suwoii-si, Gyeoniggi-do, 442-570	
Assignment Merger	City:	
Security Agreement Change of Name	State:	
Government Interest Assignment	Country: Republic of Korea Zip:	
Executive Order 9424, Confirmatory License	Country: Republic of Korea Zip:	
Other	Additional name(s) & address(es) attached?  Yes No	
4. Application or patent number(s):   This document is being filed together with a new application.		
A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers att	ached? Yes No	
5. Name and address to whom correspondence	6. Total number of applications and patents	
concerning document should be mailed:	involved: i	
Name: Docket Clerk	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address:	Authorized to be charged by credit card	
	Authorized to be charged to deposit account	
Street Address: P.O. Drawer 800889	☑ Enclosed	
	None required (government interest not affecting title)	
City: Dallas	8. Payment Information	
State: Texas Zip: 75380	a. Credit Card Last 4 Numbers  Expiration Date	
Phone Number: 972-628-3600		
Fax Number: 972-628-3616	b. Deposit Account Number 50-0208	
Email Address:	Authorized User Name William A. Munck	
9. Signature: 4/1/2 /////////////////////////////////	October 8, 2008	
Signature	Date	
William A. Munck	Total number of pages including cover	
Name of Person Signing	sheet, attachments, and documents:	

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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**PATENT REEL: 021725 FRAME: 0450** 

## DOCKET NO. SP8149-US (SAMS06-08149)

PATENT

## ASSIGNMENT

WHEREAS, SAMSUNG ELECTRONICS CO., LTD, a corporation organized under the laws of the Republic of Korea, having a place of business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-370, Republic of Korea (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; We authorize William A. Munck or John T. Mockler of Munck Carter, P.C. to insert in the parenthesis above the application number and filing date of said application when known; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

PÄTENT REEL: 021725 FRAME: 0451 We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date: October 6,7008	they
	Kyung-Chul Yoo
Date: October 6,2008	
	Jin-Woo Roh
Date: October 6,2008	Sony, Pronglee
	Bong-Gee Song
Date: October 6, rook	<b>A</b>
	Dong-Min Kim
Date: October 6, rook	lula

Jung-Ho Lee

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**RECORDED: 10/08/2008**