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	Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): Chan-Ho Min Han-Jin Lee Young-Hyun Jeon Dong-Wook Kim Jong-Hyung Kwun Seung-Woo Jeon Hyun-Soo Yoon Sawhney Mrinalini	Name and address of receiving party(ies) Name: Samsung Electronics Co., Ltd. Internal Address: 416, Maetan-dong, Yeongtong-gu Suwon-si, Gyeonggi-do	
Additional name(s) of conveying party(les) attached? Yes ✓ No	Daniblia of Kara - 442 270	
3. Nature of conveyance: ✓ Assignment	Republic of Korea 442-370 Street Address: Same as above	
	City:State:Zip:	
Execution Date: March 3, 2009, respectively	Additional name(s) & address(es) attached? Yes No	
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: 03/03/09		
A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers attached? Yes No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Docket Clerk	7. Total fee (37 CFR 3.41)\$\frac{40.00}{}	
Internal Address: P.O. Drawer 800889	✓ Enclosed	
Dallas, Texas 75380	Authorized to be charged to deposit account	
Street Address:	8. Deposit account number: 50-0208	
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9. Signature.		
William A. Munck, Registration No. 39,308 Name of Person Signing	Signature Date	
Total number of pages including cover	er sheet, attachments, and documents:	

Mail documents to be recorded with required cover sheet information to:

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Washington, D.C. 20231

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Continued from Item #2 above

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NAME: Korea Advanced Institute of Science and Technology (KAIST)

Address: 373-1, Gusong-dong

Yusong-gu, Daejon Republic of Korea

PATENT

REEL: 022407 FRAME: 0538

<u>ASSIGNMENT</u>

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 and KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY (KAIST), having a place of business at 373-1, Gusong-dong, Yusong-gu, Daejon, Republic of Korea (hereinafter referred to as "ASSIGNEES"), are desirous of acquiring our 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 ASSIGNEES, their 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 ASSIGNEES of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEES, their 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

1

민창호시스템연구 Lab.(홍산영) 20090116171932

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 ASSIGNEES, their successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEES, or to their successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEES, 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 ASSIGNEES and to aid said ASSIGNEES, their successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date: 3-3-2009.	Chan-Ho Min
Date: 3-3-2009	Young-Hyun Jeon
Date: 3-3-2009	Jong-Hyung Kwun
Date: 3-3-2009	Mynsoo Joon Hyunsoo Yoon
Date: 3-3-2w9	Hap-Jin Lee
Date: 3-3-2009	Dong-Wook Kim
Date:	Seung-Woo Jeon
Date:	Sawhney Mrinalini
•	Committee the committee of the committee

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Date:	
	Chan-Ho Min
Date:	Ýoung-Hyun Jeon
	Toung Tryan Joon
Date:	Jong-Hyung Kwun
Date:	Hyun-Soo Yoon
Date:	Han-Jin Lee
Date:	·
Date: 3-3-2009	Dong-Wook Kim
	Seung-Woo Jeon
Date:	Sawhney Mrinalini

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합환효사소년연구 Lab.(중신연) 20090116171932

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Date:	Chan-Ho Min
Date:	Young-Hyun Jeon
Date:	Jong-Hyung Kwun
Dutc:	Hyun-Soo Yoon
Date:	Han-Jin Lee
Date:	Dong-Wook Kim
Date:	Seung-Woo Jeon
Dute: 3-3-2009	Minaler Sahelrey Sawhney Mrinalini

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