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U.S. DEPARTMENT OF COMMERCE

OMB No. 0651-0027 (exp. 6/30/2005)	United States Patent and Trademark Office			
RE 09-20	-2010			
To the Director of the U.S. Patent and 10360	70.37 documents or the new address(es) below.			
1. Name of conveying party(les)/Execution Date(5).	2. Ivalite and address of receiving party(les)			
Jeong-Jae Won Dong-Seop Lee	Name: Samsung Electronics Co., Ltd.			
Abhishek Roy	Internal Address:			
Seung-Cheol Mun				
Execution Date(s) August 10,2010, respectively	Street Address: 416, Maetan-dong, Yeongtong-gu,			
Additional name(s) of conveying party(ies) attached? Yes V	Suwon-si, Gyeonggi-do, 442-370			
3. Nature of conveyance:	Suwoii-si, Gyeoliggi-uo, 442-370			
Assignment Merger	City:			
Security Agreement Change of Name	State:			
Government Interest Assignment				
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):	document is being filed together with a new application.			
A. Patent Application No.(s)	B. Patent No.(s)			
Additional numbers a	Itached? Yes VNo			
5. Name and address to whom correspondence	6. Total number of applications and patents			
concerning document should be mailed:	involved:			
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			
Phone Number: 972-628-3600	Expiration Date			
Fax Number: 972-628-3616	b. Deposit Account Number50-0208			
Email Address:	Authorized User Name William A. Munck			
9. Signature: Jalla Munk	1 1 9 2010			
\$ignature	September 9, 2010 Date			
William A. Munck	Total number of pages including cover 3			
Name of Person Signing	sheet, attachments, and documents:			

Documents to be recorded (including cover sheet) should be faxed to (783)/385-5925, ppppgiled 69986666 12897699

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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## **ASSIGNMENT**

WHEREAS, We, Jeong-Ja	ie Won, resident	of Hwaseong-si,	Gyeonggi-do	, Republic of
Korea, citizen of Republic of k				
Republic of Korea, citizen of Inc				
Republic of Korea, citizen of Republic				
Gyeonggi-do, Republic of Korea,				
useful improvements in a "METH	IOD AND APPA	RATUS FOR ALI	LOCATING	CELL ID IN
SELF-ORGANIZING NETWORK	C" disclosed in an	application for U	nited States	Letters Patent
(Application No.				
executed concurrently herewith;				
•				

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, LLP 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.

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

-1-

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: Aug. 10, 2010

11

Jeong Jae Won

Jeong-Jae Won

Date: AUG 10, 2010

Abhir Roy

Date: 10. 2010

Geung Cheol Mun Seung-Cheol Mun

Date: Aug 10, 20/0

Dong-Seop Lee