## IAPO1Rec'd PCT 10 MAR 2010

U.S. DEPARTMENT OF COMMERCE 03-15-2010 OMB No. 0651-0027 (exp. ΞT 12/733599 To the Director of the U.S. Patent and made made place release record the attached documents or the new address(es) below. Name of conveying party(ies)/Execution Date(s): 2. Name and address of receiving party(ies) Name: Samsung Electronics Co., Ltd. Sung-Min Kim Internal Address: Execution Date(s) 02/04/2010 Street Address: 416, Maetan-dong, Yeongtong-gu, Additional name(s) of conveying party(ies) attached?\_\_\_\_Yes 📝 No 3. Nature of conveyance: Assignment City: Suwon-si, Gyeonggi-do 442-370 ] Merger Security Agreement Change of Name State: Government Interest Assignment Country: Republic of Korea Zip: Lil Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? Yes Vo 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) 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: Name: Munck Carter, LLP 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) 8. Payment Information City: Dallas a. Credit Card Last 4 Numbers \_\_\_\_\_ State: Texas Zip: 75380 Expiration Date Phone Number: 972-628-3600 b. Deposit Account Number 50-0208 Fax Number: 972-628-3616 Authorized User Name William A. Munck Email Address: 9. Signature: March 10, 2010

Date Signature William A. Munck, Reg. No. 39,308 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 (703) 306-5995, or mailed to:
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30.00 GF

PATENT REEL: 024078 FRAME: 0529 **DOCKET NO. SP8198-US** 

**PATENT** 

## <u>ASSIGNMENT</u>

WHEREAS, We, Sung-Min KIM, resident of Suwon-si, Gyeonggi-do, Republic of Korea, citi	zen
of Republic of Korea, have invented certain new and useful improvements in a "APPARAT	rus
AND METHOD FOR REDUCING POWER CONSUMPTION IN SYSTEM ON CH	ΠP"
disclosed in an application for United States Letters Patent (Application No.	,
filed), said application having been 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.

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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: February 4,2010

Sung-Min KIM

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PATENT REEL: 024078 FRAME: 0531