

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hyo Sun Hwang	11/21/2011
Tae Rim Park	11/20/2011
Jong Ae Park	10/18/2011
Sung Jin Kim	10/18/2011
RECEIVING PARTY DATA	
Name:	Samsung Electronics Co., Ltd.
Street Address:	416, Maetan-dong, Yeongtong-gu
City:	Suwon-si, Gyeonggi-do
State/Country:	REPUBLIC OF KOREA
Postal Code:	443-742
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13303476
CORRESPONDENCE DATA	
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Correspondent Name:	North Star Intellectual Property Law, PC
Address Line 1:	P.O. Box 34688
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20043
ATTORNEY DOCKET NUMBER:	1252.0009
NAME OF SUBMITTER:	Nicholas M. Stabler
Total Attachments: 2 source=NewApp_12520009_20111123LFC_AssignmentExecuted#page1.tif source=NewApp_12520009_20111123LFC_AssignmentExecuted#page2.tif	

OP \$40.00 13303476

ASSIGNMENT

For valuable consideration, we,

Hyo Sun HWANG	No.11-606, Woosung Apt. Jeonnong 3(sam)-dong, Dongdaemun-gu Seoul 130-771 Republic of Korea
Tae Rim PARK	No.601, Jinyeong Bldg. 1666-6 Seocho-dong, Seocho -gu, Seoul 137-070 Republic of Korea
Jong Ae PARK	No.513-1501, Samsung 5(oh)-Cha, Jinsan Maeul Pungdeokcheon -dong, Suji-gu, Yongin-si, Gyeonggi-do 448-170, Republic of Korea
Sung Jin KIM	No.437-1901, Samsung Raemian Apt., Cheongmyeong Maeul Yeongtong-dong, Paldal-gu -gu, Suwon-si Gyeonggi-do 443-737 Republic of Korea

hereby assign to:

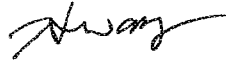
SAMSUNG ELECTRONICS CO., LTD., a Republic of Korea

corporation/institute/institution having principal executive office(s) or place of business
at: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of
Korea; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent Application Number 13/303,476 filed 11/23/2011 at the U.S. Patent & Trademark Office signed by us, with title APPARATUS AND METHOD FOR ADAPTIVELY OPERATING AN APPLICATION PROGRAM, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and application serial number of said application when known; this Assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

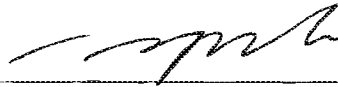
IN TESTIMONY/WITNESS WHEREOF, we, undersigned inventors (Assignors) intending to be legally bound, have hereto affixed our signatures.

This 21 day of 11, 2011



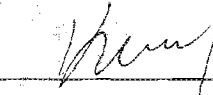
Signature: Hyo Sun HWANG

This 20 day of November, 2011



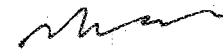
Signature: Tae Rim PARK

This 18 day of October, 2011



Signature: Jong Ae PARK

This 18 day of 10, 2011



Signature: Sung Jin KIM