

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Hyun-Chul Lee	04/01/2011
Jin-Woo Jeon	04/01/2011
Young-Seop Han	04/01/2011
Young-Jip Kim	04/01/2011
Hee-Yong Youn	04/01/2011
Kyung-Tae Kim	04/01/2011
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<b>State/Country:</b>	REPUBLIC OF KOREA
<b>Name:</b>	Sungkyunkwan University Foundation for Corporate Collaboration
<b>Street Address:</b>	Sungkyunkwan Univ., Cheoncheon-dong, Jangan-gu
<b>City:</b>	Suwon-si, Gyeonggi-do
<b>State/Country:</b>	REPUBLIC OF KOREA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13078794
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**PATENT**  
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NAME OF SUBMITTER:	William A. Munck
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ASSIGNMENT

WHEREAS, We, Hyun-Chul Lee, resident of Osan-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea, Jin-Woo Jeon, resident of Suwon-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea, Young-Seop Han, resident of Suseong-gu, Daegu, Republic of Korea, citizen of Republic of Korea, Young-Jip Kim, resident of Suwon-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea, Hee-Yong Youn, resident of Seongnam-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea, and Kyung-Tae Kim, resident of Suwon-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea, have invented certain new and useful improvements in a "METHOD AND APPARATUS FOR CHANNEL SCANNING IN A WIRELESS COMMUNICATION SYSTEM" disclosed in an application for United States Letters Patent (Application Serial No. \_\_\_\_/\_\_\_\_\_, filed on \_\_\_\_\_), 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 and SUNGKYUNKWAN UNIVERSITY FOUNDATION FOR CORPORATE COLLABORATION having a place of business at Sungkyunkwan Univ., Cheoncheon-dong, Jangan-gu, Suwon-si, Gyeonggi-do, Republic of Korea, (hereinafter referred to as "ASSIGNEES"), are 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 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, 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 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 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: April 1, 2011

Hyun Chul Lee  
Hyun-Chul Lee

Date: April 1, 2011

Jin-Woo Jeon  
Jin-Woo Jeon

Date: April 1, 2011

Young-Seop Han  
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