

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dong-Hwan An</td> <td>12/19/2011</td> </tr> <tr> <td>Yong-Soo Song</td> <td>12/19/2011</td> </tr> <tr> <td>Eun-Seok Yang</td> <td>12/19/2011</td> </tr> <tr> <td>Sung-Kyu Chang</td> <td>12/19/2011</td> </tr> </tbody> </table>		Name	Execution Date	Dong-Hwan An	12/19/2011	Yong-Soo Song	12/19/2011	Eun-Seok Yang	12/19/2011	Sung-Kyu Chang	12/19/2011
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RECEIVING PARTY DATA											
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Internal Address:	Yeongtong-gu, Suwon-si										
City:	Gyeonggi-do										
State/Country:	REPUBLIC OF KOREA										
Postal Code:	442-742										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13345562</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13345562						
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Application Number:	13345562										
CORRESPONDENCE DATA											
Fax Number:	(972)628-3616										
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Address Line 1:	P.O. Drawer 800889										
Address Line 4:	Dallas, TEXAS 75380										
ATTORNEY DOCKET NUMBER:	SAMS06-11146										
NAME OF SUBMITTER:	William A. Munck										
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif											

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ASSIGNMENT

WHEREAS, We, Dong-Hwan An, resident of Suwon-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea, Yong-Soo Song, resident of Gangnam-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Eun-Seok Yang, resident of Mapo-gu, Seoul, Republic of Korea, citizen of Republic of Korea and Sung-Kyu Chang, resident of Yongsan-gu, Seoul, Republic of Korea, citizen of Republic of Korea have invented certain new and useful improvements in a "METHOD AND APPARATUS FOR LOCATION UPDATE IN MOBILE COMMUNICATION SYSTEM" 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 442-742, Republic of Korea (hereinafter referred to as "ASSIGNEE"), is 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 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

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: 2011. 12. 19

  
DONG-HWAN AN

Date: 2011. 12. 19

  
YONG-SOO SONG

Date: 2011. 12. 19

  
EUN-SEOK YANG

Date: Dec 19. 2011

  
SUNG-KYU CHANG