

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2589009

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>SEUNG-HOON PARK</td> <td>10/22/2013</td> </tr> <tr> <td>KYUNG-KYU KIM</td> <td>10/22/2013</td> </tr> <tr> <td>DAE-GYUN KIM</td> <td>10/22/2013</td> </tr> <tr> <td>CHI-WOO LIM</td> <td>10/22/2013</td> </tr> </tbody> </table>		Name	Execution Date	SEUNG-HOON PARK	10/22/2013	KYUNG-KYU KIM	10/22/2013	DAE-GYUN KIM	10/22/2013	CHI-WOO LIM	10/22/2013
Name	Execution Date										
SEUNG-HOON PARK	10/22/2013										
KYUNG-KYU KIM	10/22/2013										
DAE-GYUN KIM	10/22/2013										
CHI-WOO LIM	10/22/2013										
RECEIVING PARTY DATA											
Name:	SAMSUNG ELECTRONICS CO., LTD										
Street Address:	129, SAMSUNG-RO										
Internal Address:	YEONGTONG-GU, SUWON-SI										
City:	GYEONGGI-DO										
State/Country:	KOREA, REPUBLIC OF										
Postal Code:	443-742										
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>14061651</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14061651						
Property Type	Number										
Application Number:	14061651										
CORRESPONDENCE DATA											
Fax Number:	(972)628-3616										
Phone:	972-628-3600										
Email:	patents@munckwilson.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	DOCKET CLERK										
Address Line 1:	P.O. DRAWER 800889										
Address Line 4:	DALLAS, TEXAS 75380										
ATTORNEY DOCKET NUMBER:	SAMS05-20448										
NAME OF SUBMITTER:	WILLIAM A. MUNCK										

Signature:	/William A. Munck/
Date:	10/23/2013
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

ASSIGNMENT

WHEREAS, We, Seung-Hoon Park, resident of Mapo-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Kyung-Kyu Kim, resident of Mapo-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Dae-Gyun Kim, resident of Seongnam-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea, and Chi-Woo Lim, 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 SYNCHRONIZATION FOR DEVICE-TO-DEVICE COMMUNICATION" 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 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, 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 of Munck Wilson Mandala, 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.

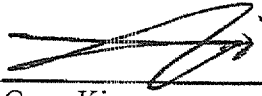
Date: October 22, 2013

Seung-Hoon Park
Seung-Hoon Park

Date: October 22, 2013

Kyung-Kyu KIM
Kyung-Kyu Kim

Date: October 22, 2013


Dae-Gyun Kim

Date: October 22, 2013

CHIWOOLIM
Chi-Woo Lim