

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Hyun-Jeong Kang</td> <td>09/11/2013</td> </tr> <tr> <td>Sung-Jin Park</td> <td>09/11/2013</td> </tr> <tr> <td>Byung-Chang Chung</td> <td>09/11/2013</td> </tr> <tr> <td>Min-Hoe Kim</td> <td>09/11/2013</td> </tr> <tr> <td>Jung-Min Moon</td> <td>09/11/2013</td> </tr> <tr> <td>Dong-Ho Cho</td> <td>09/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Hyun-Jeong Kang	09/11/2013	Sung-Jin Park	09/11/2013	Byung-Chang Chung	09/11/2013	Min-Hoe Kim	09/11/2013	Jung-Min Moon	09/11/2013	Dong-Ho Cho	09/11/2013
Name	Execution Date														
Hyun-Jeong Kang	09/11/2013														
Sung-Jin Park	09/11/2013														
Byung-Chang Chung	09/11/2013														
Min-Hoe Kim	09/11/2013														
Jung-Min Moon	09/11/2013														
Dong-Ho Cho	09/11/2013														
RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Samsung Electronics Co., Ltd</td> </tr> <tr> <td>Street Address:</td> <td>129, Samsung-ro</td> </tr> <tr> <td>Internal Address:</td> <td>Yeongtong-gu, Suwon-si</td> </tr> <tr> <td>City:</td> <td>Gyeonggi-do</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>443-742</td> </tr> </table>		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		
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														
<table border="1"> <tr> <td>Name:</td> <td>Korea Advanced Institute of Science and Technology</td> </tr> <tr> <td>Street Address:</td> <td>291, Daehak-ro</td> </tr> <tr> <td>Internal Address:</td> <td>Yuseong-gu</td> </tr> <tr> <td>City:</td> <td>Daejeon</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table>		Name:	Korea Advanced Institute of Science and Technology	Street Address:	291, Daehak-ro	Internal Address:	Yuseong-gu	City:	Daejeon	State/Country:	KOREA, REPUBLIC OF				
Name:	Korea Advanced Institute of Science and Technology														
Street Address:	291, Daehak-ro														
Internal Address:	Yuseong-gu														
City:	Daejeon														
State/Country:	KOREA, REPUBLIC OF														
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>14025551</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14025551										
Property Type	Number														
Application Number:	14025551														
CORRESPONDENCE DATA															
Fax Number:	9726283616														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	972-628-3600														

CH \$40.00 14025551

Email: patents@munckwilson.com
Correspondent Name: DOCKET CLERK
Address Line 1: P.O. DRAWER 800889
Address Line 4: DALLAS, TEXAS 75380

ATTORNEY DOCKET NUMBER:	500208
NAME OF SUBMITTER:	William A. Munck
Signature:	/William A. Munck/
Date:	09/12/2013

Total Attachments: 4
source=Assignment#page1.tif
source=Assignment#page2.tif
source=Assignment#page3.tif
source=Assignment#page4.tif

DOCKET NO. SP13252-US (SAMS06-13252)
CLIENT REF.: MJ-201206-011-1-US0

PATENT

ASSIGNMENT

WHEREAS, We, Hyun-Jeong Kang, resident of Gangnam-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Sung-Jin Park, resident of Yuseong-gu, Daejeon, Republic of Korea, citizen of Republic of Korea, Byung-Chang Chung, resident of Songpa-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Min-Hoe Kim, resident of Yuseong-gu, Daejeon, Republic of Korea, citizen of Republic of Korea, Jung-Min Moon, resident of Yeongdeungpo-gu, Seoul, Republic of Korea, citizen of Republic of Korea and Dong-Ho Cho, resident of Seocho-gu, Seoul, Republic of Korea, citizen of Republic of Korea, have invented certain new and useful improvements in a "APPARATUS AND METHOD FOR HANDOVER IN 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 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of Korea and KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY, a corporation organized under the laws of Republic of Korea, having a place of business at 291, Daehak-ro, Yuseong-gu, Daejeon, Republic of Korea, (hereinafter referred to as "ASSIGNEES"), are 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 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 of Munck Wilson, 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: September 11, 2013

Kang HyunJeong
Hyun-Jeong Kang

Date: _____

Sung-Jin Park

Date: _____

Byung-Chang Chung

Date: _____

Min-Hoe Kim

Date: September 11, 2013

Jung-Min Moon
Jung-Min Moon

Date: _____

Dong-Ho Cho

DOCKET NO. SP13252-US (SAMS06-13252)
CLIENT REF.: MJ-201206-011-1-US0

PATENT

ASSIGNMENT

WHEREAS, We, Hyun-Jeong Kang, resident of Gangnam-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Sung-Jin Park, resident of Yuseong-gu, Daejeon, Republic of Korea, citizen of Republic of Korea, Byung-Chang Chung, resident of Songpa-gu, Seoul, Republic of Korea, citizen of Republic of Korea, Min-Hoe Kim, resident of Yuseong-gu, Daejeon, Republic of Korea, citizen of Republic of Korea, Jung-Min Moon, resident of Yeongdeungpo-gu, Seoul, Republic of Korea, citizen of Republic of Korea and Dong-Ho Cho, resident of Seocho-gu, Seoul, Republic of Korea, citizen of Republic of Korea, have invented certain new and useful improvements in a "APPARATUS AND METHOD FOR HANDOVER IN 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 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of Korea and KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY, a corporation organized under the laws of Republic of Korea, having a place of business at 291, Daehak-ro, Yuseong-gu, Daejeon, Republic of Korea, (hereinafter referred to as "ASSIGNEES"), are 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 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 of Munck Wilson, 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: _____


Hyun-Jeong Kang

Date: September 11, 2013



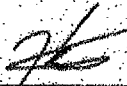
Sung-Jin Park

Date: September 11, 2013



Byung-Chang Chung

Date: September 11, 2013

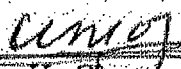


Min-Hoe Kim

Date: _____

Jung-Min Moon

Date: September 11, 2013



Dong-Ho Cho